

2020 Draft List of Foreign Fisheries

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Exempt Fisheries						
Rock lobsters nei (Jasus spp), Spiny lobsters nei (Palinuridae)	Diving (SCUBA and/or free-diving), (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Antigua & Barbuda EEZ			
Marine molluscs nei (Mollusca), Queen conch (Strombus gigas)	Diving (SCUBA and/or free-diving), (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Antigua & Barbuda EEZ			
Dolphinfishes nei (Coryphaenidae), Pelagic fishes nei (Osteichthyes), Tunas nei (Thunnini), Wahoo (Acanthocybium solandri)	Dropline	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Antigua & Barbuda EEZ			
Demersal fishes nei (Osteichthyes), Flatfishes nei (Pleuronectiformes), Groupers nei (Epinephelus spp), Grunts nei (Haemulon spp), Rock lobsters nei (Jasus spp), Snappers nei (Lutjanus spp), Spiny lobsters nei (Palinuridae), Surgeonfishes nei (Acanthuridae)	Pots/traps, (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Antigua & Barbuda EEZ			
Snappers nei (Lutjanus spp)	Handlines and hand-operated pole-and-lines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Antigua & Barbuda EEZ			
Atlantic herring (Clupea harengus), Ballyhoo halfbeak (Hemiramphus brasiliensis), Pelagic fishes nei (Osteichthyes)	Baited nets	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Antigua & Barbuda EEZ			
Atlantic herring (Clupea harengus), Carangids nei (Carangidae), Mulletts nei (Mugilidae), Pelagic fishes nei (Osteichthyes), Southern sennet (Sphyræna picudilla)	Beach seines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	coastal, Antigua & Barbuda EEZ			

Export Fisheries

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Carangids nei (Carangidae), Demersal fishes nei (Osteichthyes), Grunts/sweetlips nei (Haemulidae (=Pomadasyidae)), Parrotfishes nei (Scaridae), Pelagic fishes nei (Osteichthyes), Surgeonfishes nei (Acanthuridae)	Gillnets and entangling nets (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Antigua & Barbuda EEZ	Atlantic spotted dolphin (STOCK NOT SPECIFIED) Clymene dolphin (STOCK NOT SPECIFIED) Common bottlenose dolphin (STOCK NOT SPECIFIED) Humpback whale (STOCK NOT SPECIFIED) Killer whale, orca (STOCK NOT SPECIFIED) Pygmy sperm whale (STOCK NOT SPECIFIED) Risso's dolphin, grampus (STOCK NOT SPECIFIED) Spinner dolphin (STOCK NOT SPECIFIED) Tucuxi (STOCK NOT SPECIFIED)	Atlantic spotted dolphin (STOCK NOT SPECIFIED): 0 Clymene dolphin (STOCK NOT SPECIFIED): 0 Common bottlenose dolphin (STOCK NOT SPECIFIED): 0 Humpback whale (STOCK NOT SPECIFIED): 0 Killer whale, orca (STOCK NOT SPECIFIED): 0 Pygmy sperm whale (STOCK NOT SPECIFIED): 0 Risso's dolphin, grampus (STOCK NOT SPECIFIED): 0 Spinner dolphin (STOCK NOT SPECIFIED): 0 Tucuxi (STOCK NOT SPECIFIED): 0	

Argentina

Exempt Fisheries

Argentine goatfish (<i>Mullus argentinae</i>)	Handlines and hand-operated pole-and-lines, (Surface)	Number of Vessels: 0, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:41 Atlantic Southwest),41.2.3, 41.3.1,Coastal areas	South American fur seal (STOCK NOT SPECIFIED) South American sea lion (STOCK NOT SPECIFIED)	South American fur seal (STOCK NOT SPECIFIED): NOT PROVIDED South American sea lion (STOCK NOT SPECIFIED): NOT PROVIDED	
Patagonian toothfish (<i>Dissostichus eleginoides</i>), toothfishes nei (<i>Dissostichus</i> spp)	Set longlines, (Demersal)	Number of Vessels: 1, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:48 Atlantic Antarctic),CCAMLR Subarea 88.1 and 88.2	Killer whale, orca (STOCK NOT SPECIFIED) South American fur seal (STOCK NOT SPECIFIED)	Killer whale, orca (STOCK NOT SPECIFIED): NOT PROVIDED South American fur seal (STOCK NOT SPECIFIED): NOT PROVIDED	CCAMLR
Patagonian toothfish (<i>Dissostichus eleginoides</i>)	Bottom trawls (not specified), (Demersal)	Number of Vessels: 5, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:41 Atlantic Southwest),41.3.1, 41.3.2,EEZ and territorial sea (Tierra del Fuego)	South American fur seal (STOCK NOT SPECIFIED) South American sea lion (STOCK NOT SPECIFIED)	South American fur seal (STOCK NOT SPECIFIED): NOT PROVIDED South American sea lion (STOCK NOT SPECIFIED): NOT PROVIDED	
Seaweeds nei (Algae)	Hand collection, (Surface)	UNKNOWN	EEZ,(FAO:41 Atlantic Southwest),41.3.1, 41.3.2,coastal zones of provincial jurisdictions of Chubut and Santa Cruz province			
Octopuses nei (<i>Octopus</i> spp), Tehuelche octopus (<i>Octopus tehuelchus</i>)	Handlines and hand-operated pole-and-lines, (Benthic)	UNKNOWN	EEZ,(FAO:41 Atlantic Southwest),41.3.1, 41.3.2,Coastal areas of provincial jurisdiction of Rio Negro and Chubut provinces. Artisanal coastal fisheries			
Argentine shortfin squid (<i>Illex argentinus</i>)	Jig, (Demersal)	Number of Vessels: 63, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:41 Atlantic Southwest),41.3.1, 41.3.2,Santa Cruz province			

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Argentine shortfin squid (<i>Illex argentinus</i>), Patagonian squid (<i>Loligo gahi</i>), Sao Paulo squid (<i>Loligo sanpaulensis</i>)	Jig, (Demersal)	Number of Vessels: 67, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,Uruguay,(FAO:41 Atlantic Southwest),41.2.3, 41.3.1, 41.3.2,EEZ and CTMFM (Zona Común de Pesca Argentina-Uruguay)			
Argentine shortfin squid (<i>Illex argentinus</i>)	Jig, (Demersal)	Number of Vessels: 63, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:41 Atlantic Southwest),41.3.1,Rio Negro province			
Argentine shortfin squid (<i>Illex argentinus</i>)	Jig, (Demersal)	Number of Vessels: 63, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:41 Atlantic Southwest),41.2.3,off the province of Buenos Aires			
Yellowtail amberjack (<i>Seriola lalandi</i>)	Handlines and hand-operated pole-and-lines, (Surface)	UNKNOWN	EEZ,(FAO:41 Atlantic Southwest),41.2.3,provincial jurisdictions	South American fur seal (STOCK NOT SPECIFIED) South American sea lion (STOCK NOT SPECIFIED)	South American fur seal (STOCK NOT SPECIFIED): NOT PROVIDED South American sea lion (STOCK NOT SPECIFIED): NOT PROVIDED	
Patagonian blennie (<i>Eleginops maclovinus</i>)	Handlines and hand-operated pole-and-lines, (Surface)	UNKNOWN	EEZ,(FAO:41 Atlantic Southwest),41.3.1, 41.3.2,coastal area in territorial sea (provincial jurisdiction)	Burmeister's porpoise (STOCK NOT SPECIFIED) Commerson's dolphin (STOCK NOT SPECIFIED) Peale's dolphin (STOCK NOT SPECIFIED) South American sea lion (STOCK NOT SPECIFIED) Spectacled porpoise (STOCK NOT SPECIFIED)	Burmeister's porpoise (STOCK NOT SPECIFIED): NOT PROVIDED Commerson's dolphin (STOCK NOT SPECIFIED): NOT PROVIDED Peale's dolphin (STOCK NOT SPECIFIED): NOT PROVIDED South American sea lion (STOCK NOT SPECIFIED): NOT PROVIDED Spectacled porpoise (STOCK NOT SPECIFIED): NOT PROVIDED	
Export Fisheries						
Southern king crab (<i>Lithodes santolla</i>)	Pots/traps, (Benthic)	Number of Vessels: 10, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:41 Atlantic Southwest),41.3.1, 41.3.2,EEZ and provincial jurisdiction of Chubut, Santa Cruz and Tierra del Fuego provinces.	Antarctic minke whale (UNKNOWN) Common minke whale (Southern Hemisphere) Humpback whale (western South Atlantic (WSA)) Seal unspecified (UNKNOWN) South American fur seal (STOCK NOT SPECIFIED) South American sea lion (STOCK NOT SPECIFIED) Southern right whale (UNKNOWN) Whale unspecified (UNKNOWN)	Antarctic minke whale (UNKNOWN): UNKNOWN Common minke whale (Southern Hemisphere): UNKNOWN Humpback whale (western South Atlantic (WSA)): .6 Seal unspecified (UNKNOWN): 1 South American fur seal (STOCK NOT SPECIFIED): .4 South American sea lion (STOCK NOT SPECIFIED): .1 Southern right whale (UNKNOWN): .1 Whale unspecified (UNKNOWN): 1.9	
Patagonian scallop (<i>Zygochlamys patagonica</i>)	Bottom trawls (not specified), (Bottom)	Number of Vessels: 4, Licenses: 4, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:41 Atlantic Southwest),41.2.3, 41.3.1, 41.3.2, 41.3.3,EEZ, in ten management units (Management units A to J)	Fur seal unspecified (STOCK NOT SPECIFIED) South American fur seal (STOCK NOT SPECIFIED) South American sea lion (STOCK NOT SPECIFIED)	Fur seal unspecified (STOCK NOT SPECIFIED): 0 South American fur seal (STOCK NOT SPECIFIED): 0 South American sea lion (STOCK NOT SPECIFIED): 0	

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Patagonian toothfish (<i>Dissostichus eleginoides</i>)	Set longlines, (Demersal)	Number of Vessels: 1, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:41 Atlantic Southwest),41.2.3, 41.3.1, 41.3.2,EEZ	Killer whale, orca (STOCK NOT SPECIFIED) South American fur seal (STOCK NOT SPECIFIED) South American sea lion (STOCK NOT SPECIFIED) Sperm whale, cachalot (STOCK NOT SPECIFIED)	Killer whale, orca (STOCK NOT SPECIFIED): 0 South American fur seal (STOCK NOT SPECIFIED): 0 South American sea lion (STOCK NOT SPECIFIED): 0 Sperm whale, cachalot (STOCK NOT SPECIFIED): UNKNOWN	
Angular angel shark (<i>Squatina guggenheim</i>), Argentine angelshark (<i>Squatina argentina</i>), Argentine conger (<i>Conger orbignyanus</i>), Argentine croaker (<i>Umbrina canosai</i>), Argentine seabass (<i>Acanthistius brasilianus</i>), Argentinian sandperch (<i>Pseudoperca semifasciata</i>), Black drum (<i>Pogonias cromis</i>), Bluefish (<i>Pomatomus saltatrix</i>), Bluefish (<i>Pomatomus saltatrix</i>), Brazilian flathead (<i>Percophis brasiliensis</i>), Brazilian menhaden (<i>Brevoortia aurea</i>), Castaneta (<i>Cheilodactylus bergi</i>), Demersal fishes nei (<i>Osteichthyes</i>), Flatfishes nei (<i>Pleuronectiformes</i>), Hidden angel shark (<i>Squatina occulta</i>), King weakfish (<i>Macrodon ancylodon</i>), Largehead hairtail (<i>Trichiurus lepturus</i>), Mulletts nei (<i>Mugilidae</i>), Narrownose smooth-hound (<i>Mustelus schmitti</i>), Parona leatherjacket (<i>Parona signata</i>), Plownose chimaera (<i>Callorhynchus callorynchus</i>), Rays and skates nei (<i>Rajidae</i>), Rays/stingrays/mantas nei (<i>Rajiformes</i>), Red porgy (<i>Pagrus pagrus</i>), Sharks/rays/skates/etc. nei (<i>Elasmobranchii</i>), Silversides/Sand smelts nei (<i>Atherinidae</i>), South American silver porgy (<i>Diplodus argenteus</i>), Southwest Atlantic butterflyfish (<i>Stromateus brasiliensis</i>), Stripped weakfish (<i>Cynoscion guatucupa</i>), Whitemouth croaker (<i>Micropogonias furnieri</i>), Wreckfish (<i>Polyprion americanus</i>)	Bottom pair trawls, (Demersal), Bottom trawls (not specified), (Demersal)	Number of Vessels: 200, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,Uruguay,(FAO:41 Atlantic Southwest),41.2.3, EEZ and provincial jurisdictions of Buenos Aires and Rio Negro provinces. Also, in CTMFM (Zona Común de Pesca Argentina-Uruguay)	Fur seal unspecified (STOCK NOT SPECIFIED) South American fur seal (STOCK NOT SPECIFIED) South American sea lion (STOCK NOT SPECIFIED)	Fur seal unspecified (STOCK NOT SPECIFIED): UNKNOWN South American fur seal (STOCK NOT SPECIFIED): UNKNOWN South American sea lion (STOCK NOT SPECIFIED): UNKNOWN	
Southern blue whiting (<i>Micromesistius australis</i>)	Bottom trawls (not specified), (Bottom), Midwater trawls (not specified), (Midwater)	Number of Vessels: 4, Licenses: 4, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:41 Atlantic Southwest),41.3.1, 41.3.2, EEZ	Fur seal unspecified (STOCK NOT SPECIFIED) South American fur seal (STOCK NOT SPECIFIED) South American sea lion (STOCK NOT SPECIFIED)	Fur seal unspecified (STOCK NOT SPECIFIED): UNKNOWN South American fur seal (STOCK NOT SPECIFIED): UNKNOWN South American sea lion (STOCK NOT SPECIFIED): UNKNOWN	
Patagonian grenadier (<i>Macruronus magellanicus</i>)	Bottom trawls (not specified), (Bottom), Midwater trawls (not specified), (Midwater)	Number of Vessels: 23, Licenses: 29, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:41 Atlantic Southwest),41.2.3, 41.3.1, 41.3.2,EEZ and provincial jurisdiction of Tierra del Fuego	Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED) Seal unspecified (UNKNOWN) South American fur seal (STOCK NOT SPECIFIED) South American sea lion (STOCK NOT SPECIFIED)	Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED): UNKNOWN Seal unspecified (UNKNOWN): UNKNOWN South American fur seal (STOCK NOT SPECIFIED): UNKNOWN South American sea lion (STOCK NOT SPECIFIED): UNKNOWN	
Atlantic chub mackerel (<i>Scomber colias</i>)	Midwater trawls (not specified), (Midwater), Trawls (not specified), (Demersal)	Number of Vessels: 12, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,Uruguay,(FAO:41 Atlantic Southwest),41.2.3, 41.3.1,EEZ, provincial jurisdiction of Buenos Aires province and CTMFM (Zona Común de Pesca Argentina-Uruguay)	Common bottlenose dolphin (STOCK NOT SPECIFIED) Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED) Dusky dolphin (STOCK NOT SPECIFIED) South American fur seal (STOCK NOT SPECIFIED) South American sea lion (STOCK NOT SPECIFIED)	Common bottlenose dolphin (STOCK NOT SPECIFIED): UNKNOWN Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED): UNKNOWN Dusky dolphin (STOCK NOT SPECIFIED): UNKNOWN South American fur seal (STOCK NOT SPECIFIED): UNKNOWN South American sea lion (STOCK NOT SPECIFIED): UNKNOWN	

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Argentine red shrimp (<i>Pleoticus muelleri</i>)	Other (Please Specify) Outrigger bottom trawl, (Demersal)	Number of Vessels: 322, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:41 Atlantic Southwest),41.2.3, 41.3.1, 41.3.2,EEZ and provincial jurisdictions of Rio Negro, Chubut and Santa Cruz provinces (territorial sea)	Commerson's dolphin (STOCK NOT SPECIFIED) Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED) Dusky dolphin (STOCK NOT SPECIFIED) Fur seal unspecified (STOCK NOT SPECIFIED) Peale's dolphin (STOCK NOT SPECIFIED) South American fur seal (STOCK NOT SPECIFIED) South American sea lion (STOCK NOT SPECIFIED) Spectacled porpoise (STOCK NOT SPECIFIED)	Commerson's dolphin (STOCK NOT SPECIFIED): UNKNOWN Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED): UNKNOWN Dusky dolphin (STOCK NOT SPECIFIED): UNKNOWN Fur seal unspecified (STOCK NOT SPECIFIED): UNKNOWN Peale's dolphin (STOCK NOT SPECIFIED): UNKNOWN South American fur seal (STOCK NOT SPECIFIED): UNKNOWN South American sea lion (STOCK NOT SPECIFIED): UNKNOWN Spectacled porpoise (STOCK NOT SPECIFIED): UNKNOWN	
Atlantic chub mackerel (<i>Scomber colias</i>)	Purse seines, (Pelagic)	Number of Vessels: 26, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,Uruguay,(FAO:41 Atlantic Southwest),41.2.3,Coastal areas, EZZ and provincial jurisdiction of Buenos Aires province and CTMFM (Zona Común de Pesca Argentina-Uruguay)	Common bottlenose dolphin (STOCK NOT SPECIFIED) Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED) Dusky dolphin (STOCK NOT SPECIFIED) South American fur seal (STOCK NOT SPECIFIED) South American sea lion (STOCK NOT SPECIFIED)	Common bottlenose dolphin (STOCK NOT SPECIFIED): UNKNOWN Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED): UNKNOWN Dusky dolphin (STOCK NOT SPECIFIED): UNKNOWN South American fur seal (STOCK NOT SPECIFIED): UNKNOWN South American sea lion (STOCK NOT SPECIFIED): UNKNOWN	
Argentine hake (<i>Merluccius hubbsi</i>), Argentine shortfin squid (<i>Illex argentinus</i>), Blackbelly rosefish (<i>Helicolenus dactylopterus</i>), Demersal fishes nei (<i>Osteichthyes</i>), Pink cusk-eel (<i>Genypterus blacodes</i>), Rays and skates nei (<i>Rajidae</i>), Southern hake (<i>Merluccius australis</i>), Various squids nei (<i>Loliginidae</i> , <i>Ommastrephidae</i>)	Bottom trawls (not specified), (Demersal)	Number of Vessels: 208, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,Uruguay,(FAO:41 Atlantic Southwest),41.2.3, 41.3.1, 41.3.2,EZZ, provincial jurisdictons of Rio Negro, Santa Cruz and Chubut provinces, and CTMFM (Zona Común de Pesca Argentina-Uruguay)	Commerson's dolphin (STOCK NOT SPECIFIED) Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED) Dusky dolphin (STOCK NOT SPECIFIED) Fur seal unspecified (STOCK NOT SPECIFIED) Long-finned pilot whale (STOCK NOT SPECIFIED) Peale's dolphin (STOCK NOT SPECIFIED) South American fur seal (STOCK NOT SPECIFIED) South American sea lion (STOCK NOT SPECIFIED) Spectacled porpoise (STOCK NOT SPECIFIED)	Commerson's dolphin (STOCK NOT SPECIFIED): UNKNOWN Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED): UNKNOWN Dusky dolphin (STOCK NOT SPECIFIED): UNKNOWN Fur seal unspecified (STOCK NOT SPECIFIED): 0 Long-finned pilot whale (STOCK NOT SPECIFIED): UNKNOWN Peale's dolphin (STOCK NOT SPECIFIED): UNKNOWN South American fur seal (STOCK NOT SPECIFIED): UNKNOWN South American sea lion (STOCK NOT SPECIFIED): UNKNOWN Spectacled porpoise (STOCK NOT SPECIFIED): UNKNOWN	

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Angular angel shark (<i>Squatina guggenheim</i>), Argentine angelshark (<i>Squatina argentina</i>), Argentine conger (<i>Conger orbignyanus</i>), Argentine croaker (<i>Umbrina canosai</i>), Argentine seabass (<i>Acanthistius brasilianus</i>), Argentinian sandperch (<i>Pseudopercis semifasciata</i>), Black drum (<i>Pogonias cromis</i>), Bluefish (<i>Pomatomus saltatrix</i>), Bluefish (<i>Pomatomus saltatrix</i>), Brazilian flathead (<i>Percophis brasiliensis</i>), Brazilian menhaden (<i>Brevoortia aurea</i>), Castaneta (<i>Cheilodactylus bergi</i>), Demersal fishes nei (<i>Osteichthyes</i>), Flatfishes nei (<i>Pleuronectiformes</i>), Hidden angel shark (<i>Squatina occulta</i>), King weakfish (<i>Macrodon ancylodon</i>), Largehead hairtail (<i>Trichiurus lepturus</i>), Largehead hairtail (<i>Trichiurus lepturus</i>), Mulletts nei (<i>Mugilidae</i>), Narrownose smooth-hound (<i>Mustelus schmitti</i>), Parona leatherjacket (<i>Parona signata</i>), Parona leatherjacket (<i>Parona signata</i>), Plownose chimaera (<i>Callorhynchus callorynchus</i>), Rays and skates nei (<i>Rajidae</i>), Rays/stingrays/mantas nei (<i>Rajiformes</i>), Red porgy (<i>Pagrus pagrus</i>), Red porgy (<i>Pagrus pagrus</i>), Sharks/rays/skates/etc. nei (<i>Elasmobranchii</i>), Silversides/Sand smelts nei (<i>Atherinidae</i>), South American silver porgy (<i>Diplodus argenteus</i>), Southwest Atlantic butterfish (<i>Stromateus brasiliensis</i>), Southwest Atlantic butterfish (<i>Stromateus brasiliensis</i>), Stripped weakfish (<i>Cynoscion guatucupa</i>), Whitemouth croaker (<i>Micropogonias furnieri</i>), Wreckfish (<i>Polyprion americanus</i>)	Gillnets and entangling nets (not specified), (Demersal)	Number of Vessels: 60, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:41 Atlantic Southwest),41.2.3, EEZ and mainly in provincial jurisdiction of Buenos Aires province	Burmeister's porpoise (STOCK NOT SPECIFIED) Franciscana, toninha (STOCK NOT SPECIFIED) Fur seal unspecified (STOCK NOT SPECIFIED) South American sea lion (STOCK NOT SPECIFIED)	Burmeister's porpoise (STOCK NOT SPECIFIED): UNKNOWN Franciscana, toninha (STOCK NOT SPECIFIED): UNKNOWN Fur seal unspecified (STOCK NOT SPECIFIED): UNKNOWN South American sea lion (STOCK NOT SPECIFIED): UNKNOWN	
Argentine anchovy (<i>Engraulis anchoita</i>)	Midwater trawls (not specified), (Pelagic)	Number of Vessels: 42, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,Uruguay,(FAO:41 Atlantic Southwest),41.2.3, 41.3.1,EEZ, provincial jurisdictions of Buenos Aires, Rio Negro and Chubut provinces; and CTMFM (Zona Común de Pesca Argentina-Uruguay)	Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED) Dusky dolphin (STOCK NOT SPECIFIED) South American fur seal (STOCK NOT SPECIFIED) South American sea lion (STOCK NOT SPECIFIED)	Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED): 17.4 Dusky dolphin (STOCK NOT SPECIFIED): 26 South American fur seal (STOCK NOT SPECIFIED): 5 South American sea lion (STOCK NOT SPECIFIED): 26.6	

Australia

Exempt Fisheries					
Scylla spp (<i>Scylla</i> spp)	Hand collection, (Bottom), Scoopnets, (Surface)	Number of Vessels: 78, Licenses: 78, Participants: 50, Aquaculture Facilities: 0	EEZ,(FAO:71 Pacific Western Central),Commonwealth Fishery: Within boundary of the Torres Strait Protected Zone (TSPZ) and just south of the TSPZ		
Skipjack tuna (<i>Katsuwonus pelamis</i>)	Purse seines, (Surface)	Number of Vessels: none provided, Licenses: 12, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:57 Indian Ocean Eastern, FAO:81 Pacific Southwest, FAO:71 Pacific Western Central),Commonwealth Fishery: Cape York to south Australian/Victorian border, Australia EEZ and high seas		WCPFC
Ornate spiny lobster (<i>Panulirus ornatus</i>), Trochidae (<i>Trochidae</i>)	Diving (hookah or aided), (Bottom), Hand collection, (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: 2, Aquaculture Facilities: none provided	EEZ,(FAO:71 Pacific Western Central),Commonwealth Fishery: Coral Sea Fishery: Cape York to Sandy Cape		

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Commercial top (<i>Trochus niloticus</i>)	Hand collection, (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Commonwealth Fishery: Within boundary of the Torres Strait Protected Zone (TSPZ) and just south of the TSPZ			
Albacore (<i>Thunnus alalunga</i>), Bigeye tuna (<i>Thunnus obesus</i>), Striped marlin (<i>Tetrapturus audax</i>), Swordfish (<i>Xiphias gladius</i>), Yellowfin tuna (<i>Thunnus albacares</i>)	Handlines and hand-operated pole-and-lines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Commonwealth Fishery: Cape York to south Australian/Victorian border, Australia EEZ and high seas			
Greenfish (<i>Stichopus chloronotus</i>), Holothuria whitmaei (<i>Holothuria whitmaei</i>), Lollyfish (<i>Holothuria atra</i>), Prickly redfish (<i>Thelenota ananas</i>), Sea cucumbers nei (<i>Holothuroidea</i>), Surf redfish (<i>Actinopyga mauritiana</i>), White teatfish (<i>Holothuria fuscogilva</i>)	Hand collection, (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Commonwealth Fishery: Coral Sea Fishery: Cape York to Sandy Cape			
Southern Australia scallop (<i>Pecten fumatus</i>)	Towed dredges, (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Commonwealth Fishery: central Bass Strait between Victoria and Tasmania			
Gould's flying squid (<i>Nototodarus gouldi</i>)	Mechanized jig	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Commonwealth Fishery: waters off SA, Victoria, Tasmania, and New South Wales, from 3nm to edge of the Australian Fishing Zone, and Southern Queensland			
Australian anchovy (<i>Engraulis australis</i>), Australian bonito (<i>Sarda australis</i>), Australian pilchard (<i>Sardinops neopilchardus</i>), Australian salmon (<i>Arripis trutta</i>), Barracudas nei (<i>Sphyræna</i> spp), Blue mackerel (<i>Scomber australasicus</i>), Blue swimming crab (<i>Portunus pelagicus</i>), Blue-striped mullet (<i>Upeneichthys lineatus</i>), Bluefish (<i>Pomatomus saltatrix</i>), Brown tiger prawn (<i>Penaeus esculentus</i>), Carcharhinus sharks nei (<i>Carcharhinus</i> spp), Catfishes nei (<i>Ictalurus</i> spp), Cephalopods nei (<i>Cephalopoda</i>), Clams/etc. nei (<i>Bivalvia</i>), Cockles nei (<i>Cardiidae</i>), Common pike conger (<i>Muraenesox bagio</i>), Conger eels nei (<i>Conger</i> spp), Cuttlefishes nei (<i>Sepia</i> spp), Eastern king prawn (<i>Melicertus plebejus</i>), Eastern school shrimp (<i>Metapenaeus macleayi</i>), Eastern sea garfish (<i>Hyporhamphus australis</i>), Filefishes/leatherjackets nei (<i>Monacanthidae</i>), Flathead grey mullet (<i>Mugil cephalus</i>), Fourlined terapon (<i>Pelates quadrilineatus</i>), Gastropods nei (<i>Gastropoda</i>), Ghost shrimps nei (<i>Callinassa</i> spp), Golden trevally (<i>Gnathanodon speciosus</i>), Goldlined seabream (<i>Rhabdosargus sarba</i>), Goolwa donax (<i>Donax deltoides</i>), Greentail shrimp (<i>Metapenaeus bennettæ</i>), Gurnards/searobins nei (<i>Triglidae</i>), Herrings/sardines nei (<i>Clupeidae</i>), Indo-Pacific swamp crab (<i>Scylla serrata</i>), Japanese meagre (<i>Argyrosomus japonicus</i>), John dory (<i>Zeus faber</i>), Kawakawa/mackerel tuna (<i>Euthynnus affinis</i>), Largehead hairtail (<i>Trichiurus lepturus</i>), Lefteye flounders nei (<i>Bothidae</i>), Lethrinus spp (<i>Lethrinus</i> spp), Mangrove red snapper (<i>Lutjanus argentimaculatus</i>), Marine worms (<i>Polychaeta</i>), Mottled spinefoot (<i>Siganus fuscescens</i>), Needlefishes/etc. nei (<i>Belonidae</i>), Octopuses/etc. nei (<i>Octopodidae</i>), Parore (<i>Girella tricuspidata</i>), Rays/stingrays/mantas nei (<i>Rajiformes</i>), Red morwong (<i>Cheilodactylus fuscus</i>), Righteye flounders nei (<i>Pleuronectidae</i>), River garfish (<i>Hyporhamphus regularis</i>), Salmonoids nei (<i>Salmonoidei</i>), Sand grey mullet (<i>Myxus elongatus</i>), Sand sillago (<i>Sillago ciliata</i>), Saucer scallop (<i>Amusium japonicum</i>), Sea mussels nei (<i>Mytilidae</i>), Short billed halfbeak (<i>Arrhamphus sclerolepis</i>), Short-finned eel (<i>Anguilla australis</i>), Silver seabream (<i>Pagrus auratus</i>), Silver sweep (<i>Scorpius lineolata</i>), Silversides/Sand smelts nei (<i>Atherinidae</i>), Soles nei (<i>Soleidae</i>), Southern Australia scallop (<i>Pecten fumatus</i>), Southern black bream (<i>Acanthopagrus butcheri</i>), Speckled longfin eel (<i>Anguilla reinhardtii</i>), Spotbanded scat (<i>Selenotoca</i>)	Hand collection, (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	New South Wales Fishery: specific estuaries			

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
<p>Australian anchovy (<i>Engraulis australis</i>), Australian bonito (<i>Sarda australis</i>), Australian pilchard (<i>Sardinops neopilchardus</i>), Australian salmon (<i>Arripis trutta</i>), Barracudas nei (<i>Sphyræna</i> spp), Blue mackerel (<i>Scomber australasicus</i>), Blue swimming crab (<i>Portunus pelagicus</i>), Blue-striped mullet (<i>Upeneichthys lineatus</i>), Bluefish (<i>Pomatomus saltatrix</i>), Brown tiger prawn (<i>Penaeus esculentus</i>), Carcharhinus sharks nei (<i>Carcharhinus</i> spp), Catfishes nei (<i>Ictalurus</i> spp), Cephalopods nei (<i>Cephalopoda</i>), Clams/etc. nei (<i>Bivalvia</i>), Cockles nei (<i>Cardiidae</i>), Common pike conger (<i>Muraenesox bagio</i>), Conger eels nei (<i>Conger</i> spp), Cuttlefishes nei (<i>Sepia</i> spp), Eastern king prawn (<i>Melicertus plebejus</i>), Eastern school shrimp (<i>Metapenaeus macleayi</i>), Eastern sea garfish (<i>Hyporhamphus australis</i>), Filefishes/leatherjackets nei (<i>Monacanthidae</i>), Flathead grey mullet (<i>Mugil cephalus</i>), Fourlined terapon (<i>Pelates quadrilineatus</i>), Gastropods nei (<i>Gastropoda</i>), Ghost shrimps nei (<i>Callinassa</i> spp), Golden trevally (<i>Gnathanodon speciosus</i>), Goldlined seabream (<i>Rhabdosargus sarba</i>), Goolwa donax (<i>Donax deltoides</i>), Greentail shrimp (<i>Metapenaeus bennettæ</i>), Gurnards/searobins nei (<i>Triglidae</i>), Herrings/sardines nei (<i>Clupeidae</i>), Indo-Pacific swamp crab (<i>Scylla serrata</i>), Japanese meagre (<i>Argyrosomus japonicus</i>), John dory (<i>Zeus faber</i>), Kawakawa/mackerel tuna (<i>Euthynnus affinis</i>), Largehead hairtail (<i>Trichiurus lepturus</i>), Lefteye flounders nei (<i>Bothidae</i>), Lethrinus spp (<i>Lethrinus</i> spp), Mangrove red snapper (<i>Lutjanus argentimaculatus</i>), Marine worms (<i>Polychaeta</i>), Mottled spinefoot (<i>Siganus fuscescens</i>), Needlefishes/etc. nei (<i>Belonidae</i>), Octopuses/etc. nei (<i>Octopodidae</i>), Parore (<i>Girella tricuspidata</i>), Rays/stingrays/mantas nei (<i>Rajiformes</i>), Red morwong (<i>Cheilodactylus fuscus</i>), Righteye flounders nei (<i>Pleuronectidae</i>), River garfish (<i>Hyporhamphus regularis</i>), Salmonoids nei (<i>Salmonoidei</i>), Sand grey mullet (<i>Myxus elongatus</i>), Sand sillago (<i>Sillago ciliata</i>), Saucer scallop (<i>Amusium japonicum</i>), Sea mussels nei (<i>Mytilidae</i>), Short billed halfbeak (<i>Arrhamphus sclerolepis</i>), Short-finned eel (<i>Anguilla australis</i>), Silver seabream (<i>Pagrus auratus</i>), Silver sweep (<i>Scorpius lineolata</i>), Silversides/Sand smelts nei (<i>Atherinidae</i>), Soles nei (<i>Soleidae</i>), Southern Australia scallop (<i>Pecten fumatus</i>), Southern black bream (<i>Acanthopagrus butcheri</i>), Speckled longfin eel (<i>Anguilla reinhardtii</i>), Spotbanded scat (<i>Selenotoca heliocidaris</i> sea urchins (<i>Echinometridae</i>), Sea urchins/etc. nei (<i>Echinoidea</i>), Turbans nei (<i>Turbo</i> spp)</p>	<p>Handlines and hand-operated pole-and-lines</p>	<p>Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided</p>	<p>New South Wales Fishery: specific estuaries</p>			
<p>Blacklip abalone (<i>Haliotis rubra</i>)</p>	<p>Hand collection, (Bottom)</p>	<p>Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided</p>	<p>New South Wales Fishery: ocean waters</p>			
<p>Blacklip abalone (<i>Haliotis rubra</i>), Greenlip abalone (<i>Haliotis laevigata</i>), Roe's abalone (<i>Haliotis roei</i>)</p>	<p>Hand collection, (Bottom)</p>	<p>Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided</p>	<p>South Australia Fishery: marine waters of SA to 200nm</p>			
<p>Australian bonito (<i>Sarda australis</i>), Australian spotted mackerel (<i>Scomberomorus munroi</i>), Banded Rock Cod (Bar Cod) (<i>Epinephelus ergastularius</i>), Bluenose warehou (<i>Hyperoglyphe antarctica</i>), Gummy shark (<i>Mustelus antarcticus</i>), Leatherjacket (<i>Oligoplites saurus</i>), Narrow-barred Spanish mackerel (<i>Scomberomorus commerson</i>), Pink cusk-eel (<i>Genypterus blacodes</i>), Snappers nei (<i>Lutjanus</i> spp), Spanner crab (<i>Ranina ranina</i>), Surf bream (<i>Acanthopagrus australis</i>), Tarakihi/jackass morwong (<i>Nemadactylus macropterus</i>), White trevally (<i>Pseudocaranx dentex</i>), Yellowtail amberjack (<i>Seriola lalandi</i>)</p>	<p>Hooks and lines (not specified), (Pelagic)</p>	<p>Number of Vessels: none provided, Licenses: none provided, Participants: 175, Aquaculture Facilities: none provided</p>	<p>EEZ,(FAO:81 Pacific Southwest),New South Wales Fishery: ocean waters</p>			

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Cone shells nei (Conidae), Cowries nei (Cypraeidae), Murex (Murex spp), Volutes nei (Cymbium spp)	Hand collection, (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Western Australian Fishery: state-wide			
Hard corals/madrepores nei (Scleractinia)	Aquaculture (bottom), (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Western Australian Fishery: North West of Foale Island, Southern Group, Houtman Abrolhos Islands, south Gun Island, and onshore jetty site at Baslile Island			
Gould's flying squid (Nototodarus gouldi)	Jig	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Tasmanian Fishery: Tasmanian coastal waters			
Blacklip abalone (Haliotis rubra), Greenlip abalone (Haliotis laevigata)	Hand collection, (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Tasmanian Fishery: Tasmanian state waters			
Blacklip abalone (Haliotis rubra), Greenlip abalone (Haliotis laevigata)	Hand collection, (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Victorian Fishery: Victorian coastal waters			
Cockles nei (Cardiidae), Cuttlefishes nei (Sepia spp), Flat and cupped oysters nei (Ostreidae), Gould's flying squid (Nototodarus gouldi), Mytilus mussels nei (Mytilus spp), Octopuses nei (Octopus spp), Scallops nei (Pectinidae), Southern reef squid (Sepioteuthis australis)	Dredges (not specified), (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	South Australia Fishery: marine waters of SA to 200nm			
Scallops nei (Pectinidae)	Towed dredges, (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Tasmanian Fishery: Tasmanian waters			
Yellowtail amberjack (Seriola lalandi)	Aquaculture (cages, net pens)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	New South Wales Fishery: ocean waters			
Blue mussel (Mytilus edulis)	Aquaculture (lines)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	New South Wales Fishery: ocean waters			

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Abalones nei (<i>Haliotis</i> spp), Flat and cupped oysters nei (<i>Ostreidae</i>), Sea mussels nei (<i>Mytilidae</i>)	Aquaculture (basket)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	South Australia Fishery: Port Lincoln, coastal bays around SA - Coffin Bay, Streaky Bay, Smoky Bay, Ceduna, Cowell, Kangaroo island, Yorke Peninsula			
Barramundi(=Giant seaperch) (<i>Lates calcarifer</i>)	Aquaculture (cages, net pens)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Western Australian Fishery: Kimberley Aquaculture Development Zone (N. King Sound)			
Bigeye tuna (<i>Thunnus obesus</i>), Dolphinfishes nei (<i>Coryphaenidae</i>), Striped marlin (<i>Tetrapturus audax</i>), Swordfish (<i>Xiphias gladius</i>), Yellowfin tuna (<i>Thunnus albacares</i>)	Handlines and hand-operated pole-and-lines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Commonwealth Fishery: Cape York to south Australian/Victorian border, Australia EEZ and high seas			
Australian bonito (<i>Sarda australis</i>), Australian salmon (<i>Arripis trutta</i>), Blue mackerel (<i>Scomber australasicus</i>), Bullet tuna (<i>Auxis rochei</i>), Flathead grey mullet (<i>Mugil cephalus</i>), Goldlined seabream (<i>Rhabdosargus sarba</i>), Leaping bonito (<i>Cybiosarda elegans</i>), Longtail tuna (<i>Thunnus tonggol</i>), Narrow-barred Spanish mackerel (<i>Scomberomorus commerson</i>), Parore (<i>Girella tricuspidata</i>), Sand sillago (<i>Sillago ciliata</i>), Sea sweep (<i>Scorpius aequipinnis</i>), Silver moony (<i>Monodactylus argenteus</i>), Southern meagre(=Mulloway) (<i>Argyrosomus hololepidotus</i>), Striped bonito (<i>Sarda orientalis</i>), Surf bream (<i>Acanthopagrus australis</i>), Swallowtail dart (<i>Trachinotus coppingeri</i>), White trevally (<i>Pseudocaranx dentex</i>)	Hauling nets	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	New South Wales Fishery: ocean waters			
Eastern sea garfish (<i>Hyporhamphus australis</i>)	Garfish nets	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	New South Wales Fishery: ocean waters			
Green rock lobster (<i>Jasus verreauxi</i>)	Pots/traps, (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	New South Wales Fishery: ocean waters			
Tasmanian giant crab (<i>Pseudocarcinus gigas</i>)	Pots/traps, (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	South Australia Fishery: marine waters of SA to 200nm			
Mackerel icefish (<i>Champscephalus gunnari</i>)	Midwater trawls (not specified), (Midwater)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Subarea 58.5.2 (Heard Is.)			CCAMLR

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Mackerel icefish (<i>Champsocephalus gunnari</i>)	Bottom trawls (not specified), (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Subarea 58.5.2 (Heard Is.)			CCAMLR
Red rock lobster (<i>Jasus edwardsii</i>)	Pots/traps, (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	South Australia Fishery: marine waters of SA to 200nm	Dolphin unspecified (STOCK NOT SPECIFIED)	Dolphin unspecified (STOCK NOT SPECIFIED): NOT PROVIDED	
Anchovies nei (<i>Engraulis</i> spp), South American pilchard (<i>Sardinops sagax</i>)	Purse seines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	South Australia Fishery: marine waters of SA, predominantly southern Spencer Gulf	Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED) Dolphin unspecified (STOCK NOT SPECIFIED) Seal unspecified (STOCK NOT SPECIFIED)	Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED): NOT PROVIDED Dolphin unspecified (STOCK NOT SPECIFIED): NOT PROVIDED Seal unspecified (STOCK NOT SPECIFIED): NOT PROVIDED	
toothfishes nei (<i>Dissostichus</i> spp)	Longlines (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Subarea 58.5.1 (East Antarctica)			CCAMLR
toothfishes nei (<i>Dissostichus</i> spp)	Longlines (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Subareas 88.1-2			CCAMLR
Brown seaweeds (<i>Phaeophyceae</i>), Green seaweeds (<i>Chlorophyceae</i>), Red seaweeds (<i>Rhodophyceae</i>)	Winch	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	South Australia Fishery: beaches from Cape Jaffa and approx. 8km SE of Beachport, excluding exclusion zones			
Donax clams (<i>Donax</i> spp)	Rakes, (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	South Australia Fishery: Lagoons and coastal marine waters			
Blue swimming crab (<i>Portunus pelagicus</i>), Sand crab (<i>Ovalipes punctatus</i>), Velvet swimcrab (<i>Necora puber</i>)	Rakes, (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	South Australia Fishery: marine waters of SA to 200nm			
Cockles nei (<i>Cardiidae</i>), Cuttlefishes nei (<i>Sepia</i> spp), Flat and cupped oysters nei (<i>Ostreidae</i>), Gould's flying squid (<i>Nototodarus gouldi</i>), <i>Mytilus</i> mussels nei (<i>Mytilus</i> spp), Octopuses nei (<i>Octopus</i> spp), Scallops nei (<i>Pectinidae</i>), Southern reef squid (<i>Sepioteuthis australis</i>)	Jig	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	South Australia Fishery: marine waters of SA to 200nm			

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Cockles nei (Cardiidae), Cuttlefishes nei (Sepia spp), Flat and cupped oysters nei (Ostreidae), Gould's flying squid (Nototodarus gouldi), Mytilus mussels nei (Mytilus spp), Octopuses nei (Octopus spp), Scallops nei (Pectinidae), Southern reef squid (Sepioteuthis australis)	Rakes, (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	South Australia Fishery: marine waters of SA to 200nm			
Bifrons scallop (Equichlamys bifrons), Buccinidae (Buccinidae), Cancellariidae (Cancellariidae), Carditidae (Carditidae), Chitons nei (Chiton spp), Clavagellidae (Clavagellidae), Cockles nei (Cardiidae), Cone shells nei (Conidae), Cowries nei (Cypraeidae), Crepidula spp (Crepidula spp), Cymatiidae (Cymatiidae), Eulimidae (Eulimidae), Fasciolaridae (Fasciolaridae), Fissurella spp (Fissurella spp), Harp shells nei (Harpidae), Heliocidaris sea urchins (Echinometridae), Helmets shells nei (Cassidae), Limpets nei (Patella spp), Liotiidae (Liotiidae), Mactra surf clams nei (Mactridae), Marginellidae (Marginellidae), Mitres nei (Mitridae), Murex shells nei (Muricidae), Nassarius spp (Nassarius spp), Nerita spp (Nerita spp), Phasianellidae (Phasianellidae), Razor clams/knife clams nei (Solenidae), Scalidae (Scalidae), Sinum spp (Sinum spp), Siphonaria spp (Siphonaria spp), Southern Australia scallop (Pecten fumatus), Tellins nei (Tellina spp), Thaididae (Thaididae), Thorny oysters nei (Spondylus spp), Triviidae (Triviidae), Trochidae (Trochidae), Turbans nei (Turbo spp), Turrid spp (Turrid spp), Venus clams nei (Veneridae), Volutes nei (Cymbium spp)	Hand collection, (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	South Australia Fishery: marine waters of SA to 200nm			
Sandfish (Holothuria scabra)	Hand collection, (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northern Territory Fishery: to 3nm from the coast			
Crimson snapper (Lutjanus erythropterus), Goldbanded jobfish (Pristipomoides multidens), Jobfishes nei (Pristipomoides spp), Malabar blood snapper (Lutjanus malabaricus), Snappers nei (Lutjanus spp)	Handlines and hand-operated pole-and-lines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northern Territory Fishery: to 15nm from the coast			
Crimson snapper (Lutjanus erythropterus), Goldbanded jobfish (Pristipomoides multidens), Jobfishes nei (Pristipomoides spp), Malabar blood snapper (Lutjanus malabaricus), Snappers nei (Lutjanus spp)	Handlines and hand-operated pole-and-lines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northern Territory Fishery: 160km northwest of Darwin			
Narrow-barred Spanish mackerel (Scomberomorus commerson)	Handlines and hand-operated pole-and-lines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northern Territory Fishery: to the outer limit of the Australian Fishing Zone			
Blacklip abalone (Haliotis rubra), Greenlip abalone (Haliotis laevis), Roe's abalone (Haliotis roei)	Hand collection, (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Western Australian Fishery: WA state waters			
Crimson jobfish (Pristipomoides filamentosus), Demersal fishes nei (Osteichthyes), Goldbanded jobfish (Pristipomoides multidens)	Handlines and hand-operated pole-and-lines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Western Australian Fishery: Indian Ocean between 23 degrees 7 min 30 sec S and 26 degrees 30 min S	Whale unspecified (STOCK NOT SPECIFIED)	Whale unspecified (STOCK NOT SPECIFIED): NOT PROVIDED	

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Silverlip pearl oyster (<i>Pinctada maxima</i>)	Hand collection, (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Western Australian Fishery: 4 zones extending from Exmouth to WA/NT border, most fishing occurs in zone 2			
Ornate spiny lobster (<i>Panulirus ornatus</i>)	Hand collection, (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Commonwealth Fishery: Within boundary of the Torres Strait Protected Zone (TSPZ) and just south of the TSPZ			
Brown sandfish (<i>Bohadschia vitiensis</i>), Deep-water redfish (<i>Actinopyga echinites</i>), Greenfish (<i>Stichopus chloronotus</i>), Hairy blackfish (<i>Actinopyga miliaris</i>), Holothuria lessoni (<i>Holothuria lessoni</i>), Holothuria whitmaei (<i>Holothuria whitmaei</i>), Leopard fish (<i>Bohadschia argus</i>), New Caledonia blackfish (<i>Actinopyga spinea</i>), Panning's blackfish (<i>Actinopyga palauensis</i>), Prickly redfish (<i>Thelenota ananas</i>), Sandfish (<i>Holothuria scabra</i>), Sea cucumbers nei (<i>Holothuroidea</i>), Stichopus herrmanni (<i>Stichopus herrmanni</i>), Stichopus vastus (<i>Stichopus vastus</i>), Surf redfish (<i>Actinopyga mauritiana</i>), White teatfish (<i>Holothuria fuscogilva</i>)	Hand collection, (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Commonwealth Fishery: Within boundary of the Torres Strait Protected Zone (TSPZ) and just south of the TSPZ			
Coralgroupers nei (<i>Plectropomus</i> spp), Narrow-barred Spanish mackerel (<i>Scomberomorus commerson</i>), White-edged lyretail (<i>Variola albimarginata</i>), Yellow-edged lyretail (<i>Variola louti</i>)	Handlines and hand-operated pole-and-lines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Commonwealth Fishery: north-east region of the Torres Strait			
Albacore (<i>Thunnus alalunga</i>), Bigeye tuna (<i>Thunnus obesus</i>), Striped marlin (<i>Tetrapturus audax</i>), Swordfish (<i>Xiphias gladius</i>), Yellowfin tuna (<i>Thunnus albacares</i>)	Handlines and hand-operated pole-and-lines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Commonwealth Fishery: Cape York to south Australian/Victorian border, Australia EEZ and high seas			
Blacklip pearl oyster (<i>Pinctada margaritifera</i>), Gold-lipped pearl shell (<i>Strongylura senegalensis</i>)	Hand collection, (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Commonwealth Fishery: Within boundary of the Torres Strait Protected Zone (TSPZ) and just south of the TSPZ			

Export Fisheries

Australian anchovy (<i>Engraulis australis</i>), Bight redfish (<i>Centroberyx gerrardi</i>), Blue mackerel (<i>Scomber australasicus</i>), Blue-spotted mullet (<i>Upeneichthys vlamingii</i>), Bluenose warehou (<i>Hyperoglyphe antarctica</i>), Bluethroat Wrasse (<i>Notolabrus tetricus</i>), Carangids nei (<i>Carangidae</i>), Common snook (<i>Centropomus undecimalis</i>), Dories nei (<i>Zeidae</i>), Filefishes/leatherjackets nei (<i>Monacanthidae</i>), Flatfishes nei (<i>Pleuronectiformes</i>), Flatheads nei (<i>Platycephalidae</i>), Greenback horse mackerel (<i>Trachurus declivis</i>), Moras nei (<i>Moridae</i>), Morwongs (<i>Nemadactylus</i> spp), Mullets nei (<i>Mugilidae</i>), Pink cusk-eel (<i>Genypterus blacodes</i>), Redfish (<i>Centroberyx affinis</i>), Ruff (<i>Arripis georgianus</i>), Sea sweep (<i>Scorpis aequipinnis</i>), Sillago-whittings (<i>Sillaginidae</i>), Snappers nei (<i>Lutjanus</i> spp), Snoek (<i>Thyrsites atun</i>), Southern black bream (<i>Acanthopagrus butcheri</i>), Southern meagre(=Mulloway) (<i>Argyrosomus hololepidotus</i>), Swallow-tail (<i>Centroberyx lineatus</i>), West Australian salmon (<i>Arripis truttaceus</i>), Yellowtail amberjack (<i>Seriola lalandi</i>), southern garfish (<i>Hyporhamphus melanochir</i>), southern sole (<i>Aseraggodes haackeanus</i>)	Purse seines, (Pelagic)	Number of Vessels: none provided, Licenses: 2, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:57 Indian Ocean Eastern),57.6,South Australia Fishery: marine waters of SA to 200nm	Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED) Dolphin unspecified (STOCK NOT SPECIFIED)	Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED): 0 Dolphin unspecified (STOCK NOT SPECIFIED): 0	
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Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Australian anchovy (<i>Engraulis australis</i>), Bight redfish (<i>Centroberyx gerrardi</i>), Blue mackerel (<i>Scomber australasicus</i>), Blue-spotted mullet (<i>Upeneichthys vlamingii</i>), Bluenose warehou (<i>Hyperoglyphe antarctica</i>), Bluethroat Wrasse (<i>Notolabrus tetricus</i>), Carangids nei (<i>Carangidae</i>), Common snook (<i>Centropomus undecimalis</i>), Dories nei (<i>Zeidae</i>), Filefishes/leatherjackets nei (<i>Monacanthidae</i>), Flatfishes nei (<i>Pleuronectiformes</i>), Flatheads nei (<i>Platycephalidae</i>), Greenback horse mackerel (<i>Trachurus declivis</i>), Moras nei (<i>Moridae</i>), Morwongs (<i>Nemadactylus</i> spp), Mullets nei (<i>Mugilidae</i>), Pink cusk-eel (<i>Genypterus blacodes</i>), Redfish (<i>Centroberyx affinis</i>), Ruff (<i>Arripis georgianus</i>), Sea sweep (<i>Scorpis aequipinnis</i>), Sillago-whittings (<i>Sillaginidae</i>), Snappers nei (<i>Lutjanus</i> spp), Snoek (<i>Thyrsites atun</i>), Southern black bream (<i>Acanthopagrus butcheri</i>), Southern meagre(=Mulloway) (<i>Argyrosomus hololepidotus</i>), Swallow-tail (<i>Centroberyx lineatus</i>), West Australian salmon (<i>Arripis truttaceus</i>), Yellowtail amberjack (<i>Seriola lalandi</i>), southern garfish (<i>Hyporhamphus melanochir</i>), southern sole (<i>Aseraggodes haackeanus</i>)	Pots/traps, (Pelagic)	Number of Vessels: none provided, Licenses: 177, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:57 Indian Ocean Eastern),57.6,South Australia Fishery: marine waters of SA to 200nm	Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED) Dolphin unspecified (STOCK NOT SPECIFIED)	Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED): 0 Dolphin unspecified (STOCK NOT SPECIFIED): 0	
Sharks/rays/skates/etc. nei (<i>Elasmobranchii</i>)	Longlines (not specified), (Pelagic)	Number of Vessels: none provided, Licenses: 279, Participants: none provided, Aquaculture Facilities: 0	EEZ,(FAO:57 Indian Ocean Eastern),57.6,South Australia Fishery: marine waters of SA to 200nm			
Sharks/rays/skates/etc. nei (<i>Elasmobranchii</i>)	Gillnets and entangling nets (not specified), (Demersal)	Number of Vessels: none provided, Licenses: 73, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:57 Indian Ocean Eastern),57.6,South Australia Fishery: marine waters of SA to 200nm			
Sharks/rays/skates/etc. nei (<i>Elasmobranchii</i>)	Purse seines, (Pelagic)	Number of Vessels: none provided, Licenses: 2, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:57 Indian Ocean Eastern),57.6,South Australia Fishery: marine waters of SA to 200nm			
Western king prawn (<i>Melicertus latisulcatus</i>)	shrimp/prawn trawl, (Demersal)	Number of Vessels: 52, Licenses: 52, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:57 Indian Ocean Eastern),57.6,South Australia Fishery: >10m depth north in Gulf St. Vincent, Investigator Strait, and Backstairs Passage, Spencer Gulf	Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED) Seal unspecified (STOCK NOT SPECIFIED)	Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED): NOT PROVIDED Seal unspecified (STOCK NOT SPECIFIED): 0	
Crimson snapper (<i>Lutjanus erythropterus</i>), Goldbanded jobfish (<i>Pristipomoides multidens</i>), Jobfishes nei (<i>Pristipomoides</i> spp), Malabar blood snapper (<i>Lutjanus malabaricus</i>), Snappers nei (<i>Lutjanus</i> spp)	Fish pots/fish traps, (Demersal)	Number of Vessels: 8, Licenses: 17, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:71 Pacific Western Central),Northern Territory Fishery: to 15nm from the coast			
Crimson snapper (<i>Lutjanus erythropterus</i>), Goldbanded jobfish (<i>Pristipomoides multidens</i>), Jobfishes nei (<i>Pristipomoides</i> spp), Malabar blood snapper (<i>Lutjanus malabaricus</i>), Snappers nei (<i>Lutjanus</i> spp)	Trawls (not specified), (Demersal)	Number of Vessels: 8, Licenses: 17, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:71 Pacific Western Central),Northern Territory Fishery: to 15nm from the coast	Common bottlenose dolphin (STOCK NOT SPECIFIED) Dolphin unspecified (STOCK NOT SPECIFIED)	Common bottlenose dolphin (STOCK NOT SPECIFIED): 1.8 Dolphin unspecified (STOCK NOT SPECIFIED): 1	
Australian blacktip shark (<i>Carcharhinus tilstoni</i>), Blacktip shark (<i>Carcharhinus limbatus</i>), Broad-barred king mackerel (<i>Scomberomorus semifasciatus</i>), Spottail shark (<i>Carcharhinus sorrah</i>)	Set longlines, (Demersal)	Number of Vessels: 9, Licenses: 17, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:71 Pacific Western Central),Northern Territory Fishery: to the outer limit of the Australian Fishing Zone	Common bottlenose dolphin (STOCK NOT SPECIFIED) Dolphin unspecified (STOCK NOT SPECIFIED)	Common bottlenose dolphin (STOCK NOT SPECIFIED): 0 Dolphin unspecified (STOCK NOT SPECIFIED): 0	

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Patagonian toothfish (<i>Dissostichus eleginoides</i>)	Bottom trawls (not specified), (Bottom), Longlines (not specified), (Demersal)	Number of Vessels: none provided, Licenses: none provided, Participants: 2, Aquaculture Facilities: none provided	EEZ,(FAO:58 Antarctic and Southern Indian Ocean),Subarea 58.5.2 (Heard Is.)	Antarctic fur seal (UNKNOWN) Crabeater seal (STOCK NOT SPECIFIED) Seal unspecified (STOCK NOT SPECIFIED) Southern elephant seal (STOCK NOT SPECIFIED)	Antarctic fur seal (UNKNOWN): .5 Crabeater seal (STOCK NOT SPECIFIED): .33 Seal unspecified (STOCK NOT SPECIFIED): .5 Southern elephant seal (STOCK NOT SPECIFIED): 4.6	CCAMLR
Banana prawn (<i>Fenneropenaeus merguensis</i>), Brown tiger prawn (<i>Penaeus esculentus</i>), Endeavour shrimp (<i>Metapenaeus endeavouri</i>), Greasyback shrimp (<i>Metapenaeus ensis</i>), Green tiger prawn (<i>Penaeus semisulcatus</i>), Indian white prawn (<i>Fenneropenaeus indicus</i>)	shrimp/prawn trawl, (Bottom)	Number of Vessels: 52, Licenses: none provided, Participants: none provided, Aquaculture Facilities: 0	EEZ,(FAO:71 Pacific Western Central),Commonwealth Fishery: Gulf of Carpentaria (Cape York) and west to Cape Londonderry on the western side of the Joseph Bonaparte Gulf	Common bottlenose dolphin (STOCK NOT SPECIFIED) Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED) Dolphin unspecified (STOCK NOT SPECIFIED)	Common bottlenose dolphin (STOCK NOT SPECIFIED): 0 Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED): 0 Dolphin unspecified (STOCK NOT SPECIFIED): 0	
Brown tiger prawn (<i>Penaeus esculentus</i>), Endeavour shrimp (<i>Metapenaeus endeavouri</i>), Greasyback shrimp (<i>Metapenaeus ensis</i>), Green tiger prawn (<i>Penaeus semisulcatus</i>), Red-spot king prawn (<i>Melicertus longistylus</i>)	shrimp/prawn trawl, (Bottom)	Number of Vessels: 22, Licenses: 60, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:71 Pacific Western Central),Commonwealth Fishery: Eastern part of the Torres Strait, within boundary of the Torres Strait Protected Zone (TSPZ)	Dolphin unspecified (STOCK NOT SPECIFIED)	Dolphin unspecified (STOCK NOT SPECIFIED): 0	
Albacore (<i>Thunnus alalunga</i>), Bigeye tuna (<i>Thunnus obesus</i>), Striped marlin (<i>Tetrapturus audax</i>), Swordfish (<i>Xiphias gladius</i>), Yellowfin tuna (<i>Thunnus albacares</i>)	Longlines (not specified), (Pelagic)	Number of Vessels: 38, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:57 Indian Ocean Eastern, FAO:77 Pacific Eastern Central, FAO:67 Pacific Northeast, FAO:61 Pacific Northwest, FAO:81 Pacific Southwest, FAO:71 Pacific Western Central),Commonwealth Fishery: Cape York to south Australian/Victorian border, Australia EEZ and high seas	Australian fur seal (STOCK NOT SPECIFIED) Baleen whale unspecified (STOCK NOT SPECIFIED) Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED) Dolphin unspecified (STOCK NOT SPECIFIED) Long-finned pilot whale (STOCK NOT SPECIFIED) Long-nosed fur seal, New Zealand fur seal (STOCK NOT SPECIFIED) Melon-headed whale, Electra dolphin (STOCK NOT SPECIFIED) Seal unspecified (STOCK NOT SPECIFIED) Short-finned pilot whale (STOCK NOT SPECIFIED) Toothed whale unspecified (STOCK NOT SPECIFIED) Whale unspecified (STOCK NOT SPECIFIED)	Australian fur seal (STOCK NOT SPECIFIED): 0 Baleen whale unspecified (STOCK NOT SPECIFIED): 0 Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED): 0 Dolphin unspecified (STOCK NOT SPECIFIED): 0 Long-finned pilot whale (STOCK NOT SPECIFIED): 0 Long-nosed fur seal, New Zealand fur seal (STOCK NOT SPECIFIED): 0 Melon-headed whale, Electra dolphin (STOCK NOT SPECIFIED): .25 Seal unspecified (STOCK NOT SPECIFIED): 0 Short-finned pilot whale (STOCK NOT SPECIFIED): .25 Toothed whale unspecified (STOCK NOT SPECIFIED): 0 Whale unspecified (STOCK NOT SPECIFIED): 0	WCPFC
Bight lobster (<i>Metanephrops boschmai</i>), Northwest lobster (<i>Metanephrops australiensis</i>), Velvet lobster (<i>Metanephrops velutinus</i>)	Bottom trawls (not specified), (Bottom)	Number of Vessels: none provided, Licenses: 7, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:57 Indian Ocean Eastern),Commonwealth Fishery: 144 degrees E to 125 E off Western Australian coast between 200m isobaths to the outer limit of the Aus. Fishing Zone			

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Deep-water red snapper (<i>Etelis carbunculus</i>), Finfishes nei (<i>Osteichthyes</i>), Orange roughy (<i>Hoplostethus atlanticus</i>)	Trawls (not specified), (Demersal)	Number of Vessels: none provided, Licenses: 11, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:57 Indian Ocean Eastern),Commonwealth Fishery: deepwater off Western Australia between 200m isobath to the outer limit of the Aus. Fishing Zone			
Southern bluefin tuna (<i>Thunnus maccoyii</i>)	Longlines (not specified), (Pelagic), Purse seines, (Surface)	Number of Vessels: none provided, Licenses: none provided, Participants: 30, Aquaculture Facilities: none provided	EEZ,(FAO:57 Indian Ocean Eastern, FAO:81 Pacific Southwest),Commonwealth Fishery: Australia EEZ	Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED) Dolphin unspecified (STOCK NOT SPECIFIED) Fur seal unspecified (STOCK NOT SPECIFIED) Seal unspecified (STOCK NOT SPECIFIED)	Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED): 0 Dolphin unspecified (STOCK NOT SPECIFIED): 0 Fur seal unspecified (STOCK NOT SPECIFIED): 0 Seal unspecified (STOCK NOT SPECIFIED): 0	CCSBT
Bigeye tuna (<i>Thunnus obesus</i>), Striped marlin (<i>Tetrapturus audax</i>), Swordfish (<i>Xiphias gladius</i>), Yellowfin tuna (<i>Thunnus albacares</i>)	Longlines (not specified), (Pelagic)	Number of Vessels: none provided, Licenses: 95, Participants: 3, Aquaculture Facilities: none provided	High Seas,EEZ,(FAO:57 Indian Ocean Eastern, FAO:51 Indian Ocean Western),Commonwealth Fishery: Cape York to south Australian/Victorian border, Australia EEZ and high seas	Australian sea lion (STOCK NOT SPECIFIED) Baleen whale unspecified (STOCK NOT SPECIFIED) Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED) Indo-Pacific bottlenose dolphin (STOCK NOT SPECIFIED) Melon-headed whale, Electra dolphin (STOCK NOT SPECIFIED) Seal unspecified (STOCK NOT SPECIFIED) Short-finned pilot whale (STOCK NOT SPECIFIED)	Australian sea lion (STOCK NOT SPECIFIED): 0 Baleen whale unspecified (STOCK NOT SPECIFIED): 0 Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED): 0 Indo-Pacific bottlenose dolphin (STOCK NOT SPECIFIED): 0 Melon-headed whale, Electra dolphin (STOCK NOT SPECIFIED): 0 Seal unspecified (STOCK NOT SPECIFIED): 0 Short-finned pilot whale (STOCK NOT SPECIFIED): 0	IOTC
Patagonian toothfish (<i>Dissostichus eleginoides</i>)	Set longlines, (Bottom)	Number of Vessels: 1, Licenses: 1, Participants: 1, Aquaculture Facilities: none provided	EEZ,(FAO:88 Pacific Antarctic),Commonwealth Fishery: Australia EEZ around Macquarie Island	Antarctic fur seal (UNKNOWN)	Antarctic fur seal (UNKNOWN): 0	
Blue mackerel (<i>Scomber australasicus</i>), South American pilchard (<i>Sardinops sagax</i>)	Purse seines, (Surface)	Number of Vessels: none provided, Licenses: 32, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:57 Indian Ocean Eastern, FAO:81 Pacific Southwest),Commonwealth Fishery: southern WA, all of SA, Victoria, Tasmania, and New South Wales from 3nm to the edge of the Australian Fishing Zone, and Southern Queensland			
Blue mackerel (<i>Scomber australasicus</i>), Cape bonnetmouth (<i>Emmelichthys nitidus</i>), Greenback horse mackerel (<i>Trachurus declivis</i>)	Midwater trawls (not specified), (Midwater)	Number of Vessels: none provided, Licenses: 32, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:57 Indian Ocean Eastern, FAO:81 Pacific Southwest),Commonwealth Fishery: southern WA, all of SA, Victoria, Tasmania, and New South Wales from 3nm to the edge of the Australian Fishing Zone, and Southern Queensland	Australian fur seal (STOCK NOT SPECIFIED) Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED) Long-nosed fur seal, New Zealand fur seal (STOCK NOT SPECIFIED) Seal unspecified (STOCK NOT SPECIFIED)	Australian fur seal (STOCK NOT SPECIFIED): 9.8 Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED): 3.2 Long-nosed fur seal, New Zealand fur seal (STOCK NOT SPECIFIED): 1.4 Seal unspecified (STOCK NOT SPECIFIED): 2.8	

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Bight redfish (<i>Centroberyx gerrardi</i>), Deep-water flathead (<i>Platycephalus conatus</i>)	Trawls (not specified), (Benthic)	Number of Vessels: 4, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:57 Indian Ocean Eastern),Commonwealth Fishery: Great Australian Bight, continental slope water and shelf, SA to Cape Leeuwin	Australian fur seal (STOCK NOT SPECIFIED) Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED) Long-nosed fur seal, New Zealand fur seal (STOCK NOT SPECIFIED)	Australian fur seal (STOCK NOT SPECIFIED): UNKNOWN Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED): UNKNOWN Long-nosed fur seal, New Zealand fur seal (STOCK NOT SPECIFIED): UNKNOWN	
Blue grenadier (<i>Macruronus novaezelandiae</i>), Chinaman-leatherjacket (<i>Nelusetta ayraudi</i>), Deep-water sharks nei (<i>Elasmobranchii</i>), Flatheads nei (<i>Platycephalidae</i>), John dory (<i>Zeus faber</i>), Mirror dory (<i>Zenopsis nebulosus</i>), Orange roughy (<i>Hoplostethus atlanticus</i>), Oreo dories nei (<i>Oreosomatidae</i>), Pink cusk-eel (<i>Genypterus blacodes</i>), Rosefishes nei (<i>Helicolenus</i> spp), Sillago-whittings (<i>Sillaginidae</i>), Silver gemfish (<i>Rexea solandri</i>), Silver warehou (<i>Seriolella punctata</i>), Tarakihi/jackass morwong (<i>Nemadactylus macropterus</i>), Tiger flathead (<i>Platycephalus richardsoni</i>)	Danish seines, (Bottom), Single boat bottom otter trawls, (Demersal)	Number of Vessels: none provided, Licenses: 45, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:57 Indian Ocean Eastern, FAO:81 Pacific Southwest),Commonwealth Fishery: east of Sydney, southward through the Bass Strait and around Tasmania to Cape Jervis in SA	Antarctic fur seal (UNKNOWN) Australian fur seal (STOCK NOT SPECIFIED) Common bottlenose dolphin (STOCK NOT SPECIFIED) Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED) Dolphin unspecified (STOCK NOT SPECIFIED) Long-nosed fur seal, New Zealand fur seal (STOCK NOT SPECIFIED) Seal unspecified (STOCK NOT SPECIFIED)	Antarctic fur seal (UNKNOWN): .67 Australian fur seal (STOCK NOT SPECIFIED): 63.1 Common bottlenose dolphin (STOCK NOT SPECIFIED): .17 Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED): 1 Dolphin unspecified (STOCK NOT SPECIFIED): 1.66 Long-nosed fur seal, New Zealand fur seal (STOCK NOT SPECIFIED): 2.33 Seal unspecified (STOCK NOT SPECIFIED): 28.5	
Alfonsino (<i>Beryx decadactylus</i>), Pentacerotidae (<i>Pentacerotidae</i>)	Trawls (not specified), (Demersal)	Number of Vessels: none provided, Licenses: 10, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:81 Pacific Southwest),Commonwealth Fishery: 200nm around Lord Howe Island off New South Wales			
Gummy shark (<i>Mustelus antarcticus</i>)	Hooks and lines (not specified), (Bottom)	Number of Vessels: 40, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:57 Indian Ocean Eastern, FAO:81 Pacific Southwest),Commonwealth Fishery: waters off New South Wales/Victoria west to the SA/WA border, including waters around Tasmania to the extent of the Australian Fishing Zone.	Australian fur seal (STOCK NOT SPECIFIED) Killer whale, orca (STOCK NOT SPECIFIED) Long-nosed fur seal, New Zealand fur seal (STOCK NOT SPECIFIED) Sea lion unspecified (STOCK NOT SPECIFIED) Seal unspecified (STOCK NOT SPECIFIED)	Australian fur seal (STOCK NOT SPECIFIED): 0 Killer whale, orca (STOCK NOT SPECIFIED): .2 Long-nosed fur seal, New Zealand fur seal (STOCK NOT SPECIFIED): .6 Sea lion unspecified (STOCK NOT SPECIFIED): 0 Seal unspecified (STOCK NOT SPECIFIED): 1.6	
Bluenose warehou (<i>Hyperoglyphe antarctica</i>), Pink cusk-eel (<i>Genypterus blacodes</i>)	Hooks and lines (not specified), (Benthic)	Number of Vessels: none provided, Licenses: 37, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:57 Indian Ocean Eastern, FAO:81 Pacific Southwest),Commonwealth Fishery: waters off SA, Victoria, and Tasmania 3nm to the extent of the Australian Fishing Zone, also waters off Queensland and New South Wales	Australian fur seal (STOCK NOT SPECIFIED) Killer whale, orca (STOCK NOT SPECIFIED) Long-nosed fur seal, New Zealand fur seal (STOCK NOT SPECIFIED) Sea lion unspecified (STOCK NOT SPECIFIED) Seal unspecified (STOCK NOT SPECIFIED)	Australian fur seal (STOCK NOT SPECIFIED): 0 Killer whale, orca (STOCK NOT SPECIFIED): .2 Long-nosed fur seal, New Zealand fur seal (STOCK NOT SPECIFIED): .6 Sea lion unspecified (STOCK NOT SPECIFIED): 0 Seal unspecified (STOCK NOT SPECIFIED): 1.6	

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Ghost shark (<i>Callorhynchus milii</i>), Gummy shark (<i>Mustelus antarcticus</i>), Longnose sawshark (<i>Pristiophorus cirratus</i>), Shortnose sawshark (<i>Pristiophorus nudipinnis</i>)	Gillnets and entangling nets (not specified), (Demersal)	Number of Vessels: none provided, Licenses: 38, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:57 Indian Ocean Eastern, FAO:81 Pacific Southwest),Commonwealth Fishery: waters off New South Wales/Victoria west to the SA/WA border, including waters around Tasmania to the extent of the Australian Fishing Zone.	Australian fur seal (STOCK NOT SPECIFIED) Australian sea lion (STOCK NOT SPECIFIED) Common bottlenose dolphin (STOCK NOT SPECIFIED) Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED) Dolphin unspecified (STOCK NOT SPECIFIED) Indo-Pacific bottlenose dolphin (STOCK NOT SPECIFIED) Long-nosed fur seal, New Zealand fur seal (STOCK NOT SPECIFIED) Sea lion unspecified (STOCK NOT SPECIFIED) Seal unspecified (STOCK NOT SPECIFIED)	Australian fur seal (STOCK NOT SPECIFIED): 5.6 Australian sea lion (STOCK NOT SPECIFIED): 1 Common bottlenose dolphin (STOCK NOT SPECIFIED): 1.8 Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED): 10.8 Dolphin unspecified (STOCK NOT SPECIFIED): 18.4 Indo-Pacific bottlenose dolphin (STOCK NOT SPECIFIED): 0 Long-nosed fur seal, New Zealand fur seal (STOCK NOT SPECIFIED): 1.4 Sea lion unspecified (STOCK NOT SPECIFIED): 0 Seal unspecified (STOCK NOT SPECIFIED): 12.8	
Hagfish (<i>Myxine glutinosa</i>), Pink cusk-eel (<i>Genypterus blacodes</i>)	Pots/traps, (Demersal)	Number of Vessels: none provided, Licenses: 2, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:57 Indian Ocean Eastern, FAO:81 Pacific Southwest),Commonwealth Fishery: specific areas for specific trap fisheries			
Rock lobsters nei (<i>Jasus</i> spp), Scallops nei (<i>Pectinidae</i>), Various squids nei (<i>Loliginidae</i> , <i>Ommastrephidae</i>), marine shrimps nei	Otter trawls (not specified), (Demersal)	Number of Vessels: none provided, Licenses: 410, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:71 Pacific Western Central),Queensland Fishery: New South Wales border to tip of Cape York east to offshore Constitutional Settlement line	Common bottlenose dolphin (STOCK NOT SPECIFIED) Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED)	Common bottlenose dolphin (STOCK NOT SPECIFIED): 1 Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED): 1	
Rock lobsters nei (<i>Jasus</i> spp), Scallops nei (<i>Pectinidae</i>), Various squids nei (<i>Loliginidae</i> , <i>Ommastrephidae</i>), marine shrimps nei	Beam trawls, (Bottom)	Number of Vessels: none provided, Licenses: 410, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:71 Pacific Western Central),Queensland Fishery: New South Wales border to tip of Cape York east to offshore Constitutional Settlement line including rivers and creeks	Common bottlenose dolphin (STOCK NOT SPECIFIED) Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED)	Common bottlenose dolphin (STOCK NOT SPECIFIED): 1 Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED): 1	

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
<p>Anchovies nei (Engraulis spp), Australian bonito (Sarda australis), Australian pilchard (Sardinops neopilchardus), Australian salmon (Arripis trutta), Barracudas nei (Sphyræna spp), Black bream (Hephaestus fuliginosus), Blue mackerel (Scomber australasicus), Blue swimming crab (Portunus pelagicus), Bluefish (Pomatomus saltatrix), Brown tiger prawn (Penaeus esculentus), Carcharhinus sharks nei (Carcharhinus spp), Cockles nei (Cardiidae), Cuttlefishes nei (Sepia spp), Eastern king prawn (Melicertus plebejus), Eastern school shrimp (Metapenaeus macleayi), Eastern sea garfish (Hyporhamphus australis), Emperors/Scavengers nei (Lethrinidae), Flatfishes nei (Pleuronectiformes), Flatheads nei (Platycephalidae), Fourlined terapon (Pelates quadrilineatus), Gastropods nei (Gastropoda), Ghost shrimps nei (Callinassa spp), Golden trevally (Gnathanodon speciosus), Goldlined seabream (Rhabdosargus sarba), Goolwa donax (Donax deltoides), Greentail shrimp (Metapenaeus bennetiae), Gurnards nei (Trigla spp), Hairtails nei (Trichiurus spp), Herrings/sardines nei (Clupeidae), John dory (Zeus faber), Kawakawa/mackerel tuna (Euthynnus affinis), Leatherjackets nei (Oligoplites spp), Mangrove red snapper (Lutjanus argentimaculatus), Marine worms (Polychaeta), Mottled spinefoot (Siganus fuscescens), Mud crab (Macrophtalmus depressus), Needlefishes/etc. nei (Belonidae), Octopuses nei (Octopus spp), Parore (Girella tricuspidata), Red morwong (Cheilodactylus fuscus), Red mullet (Mullus barbatus), River garfish (Hyporhamphus regularis), Sand crab (Ovalipes punctatus), Sand grey mullet (Myxus elongatus), Sand sillago (Sillago ciliata), Saucer scallop (Amusium japonicum), Sea catfishes nei (Ariidae), Sea mussels nei (Mytilidae), Short billed halfbeak (Arrhamphus sclerolepis), Silver sweep (Scorpiis lineolata), Silversides/Sand smelts nei (Atherinidae), Snappers nei (Lutjanus spp), Soles nei (Soleidae), Southern Australia scallop (Pecten fumatus), Southern meagre(=Mulloway) (Argyrosomus hololepidotus), Spotbanded scat (Selenotoca multifasciata), Stingrays/butterfly rays nei (Dasyatidae), Surf bream (Acanthopagrus australis), Trumpeter sillago (Sillago maculata), Various squids nei (Loliginidae, Ommastrephidae), White trevally (Pseudocaranx dentex), Yellow-eye mullet (Aldrichetta forsteri), Yellowtail amberjack (Seriola lalandi), Yellowtail scad (Atule mate), Australian blacktip shark (Carcharhinus tilstoni), Blacktip shark (Carcharhinus limbatus), Broad-barred king mackerel (Scomberomorus semifasciatus), Spottail shark (Carcharhinus sorrah)</p>	<p>Pots/traps, (Bottom)</p>	<p>Number of Vessels: none provided, Licenses: none provided, Participants: 143, Aquaculture Facilities: none provided</p>	<p>EEZ,(FAO:81 Pacific Southwest),New South Wales Fishery: specific estuaries</p>	<p>Common bottlenose dolphin (STOCK NOT SPECIFIED) Dolphin unspecified (STOCK NOT SPECIFIED)</p>	<p>Common bottlenose dolphin (STOCK NOT SPECIFIED): 0 Dolphin unspecified (STOCK NOT SPECIFIED): 0</p>	
<p>Australian blacktip shark (Carcharhinus tilstoni), Blacktip shark (Carcharhinus limbatus), Broad-barred king mackerel (Scomberomorus semifasciatus), Spottail shark (Carcharhinus sorrah)</p>	<p>Longlines (not specified), (Pelagic)</p>	<p>Number of Vessels: 9, Licenses: 17, Participants: none provided, Aquaculture Facilities: none provided</p>	<p>EEZ,(FAO:71 Pacific Western Central),Northern Territory Fishery: to the outer limit of the Australian Fishing Zone</p>	<p>Common bottlenose dolphin (STOCK NOT SPECIFIED) Dolphin unspecified (STOCK NOT SPECIFIED)</p>	<p>Common bottlenose dolphin (STOCK NOT SPECIFIED): 1 Dolphin unspecified (STOCK NOT SPECIFIED): 0</p>	
<p>Crimson snapper (Lutjanus erythropterus), Goldbanded jobfish (Pristipomoides multidens), Jobfishes nei (Pristipomoides spp), Malabar blood snapper (Lutjanus malabaricus), Snappers nei (Lutjanus spp)</p>	<p>Gillnets and entangling nets (not specified), (Pelagic)</p>	<p>Number of Vessels: 9, Licenses: 17, Participants: none provided, Aquaculture Facilities: none provided</p>	<p>EEZ,(FAO:71 Pacific Western Central),Northern Territory Fishery: to the outer limit of the Australian Fishing Zone</p>	<p>Number of Vessels: 8, Licenses: 12, Participants: none provided, Aquaculture Facilities: none provided</p>	<p>EEZ,(FAO:71 Pacific Western Central),Northern Territory Fishery: 160km northwest of Darwin</p>	
<p>Crimson snapper (Lutjanus erythropterus), Goldbanded jobfish (Pristipomoides multidens), Jobfishes nei (Pristipomoides spp), Malabar blood snapper (Lutjanus malabaricus), Snappers nei (Lutjanus spp)</p>	<p>Pots/traps, (Bottom)</p>	<p>Number of Vessels: 1, Licenses: 12, Participants: none provided, Aquaculture Facilities: none provided</p>	<p>EEZ,(FAO:71 Pacific Western Central),Northern Territory Fishery: 160km northwest of Darwin</p>	<p>Number of Vessels: 4, Licenses: 10, Participants: n/a, Aquaculture Facilities: 0</p>	<p>EEZ,(FAO:57 Indian Ocean Eastern),57.5.2,Western Australian Fishery: area off the mainland between 27 degrees S 51 min and 29 degrees S 3 min</p>	
<p>Saucer scallop (Amusium japonicum), Western king prawn (Melicertus latisulcatus)</p>	<p>Trawls (not specified), (Demersal)</p>	<p>Number of Vessels: 1, Licenses: 12, Participants: none provided, Aquaculture Facilities: none provided</p>	<p>EEZ,(FAO:71 Pacific Western Central),Northern Territory Fishery: 160km northwest of Darwin</p>	<p>Number of Vessels: 4, Licenses: 10, Participants: n/a, Aquaculture Facilities: 0</p>	<p>EEZ,(FAO:57 Indian Ocean Eastern),57.5.2,Western Australian Fishery: area off the mainland between 27 degrees S 51 min and 29 degrees S 3 min</p>	

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Banana prawn (<i>Fenneropenaeus merguensis</i>), Brown tiger prawn (<i>Penaeus esculentus</i>), Endeavour shrimp (<i>Metapenaeus endeavouri</i>), Western king prawn (<i>Melicertus latisulcatus</i>)	Otter trawls (not specified), (Demersal)	Number of Vessels: 6, Licenses: 15, Participants: n/a, Aquaculture Facilities: 0	EEZ,(FAO:57 Indian Ocean Eastern),57.5.1,Western Australian Fishery: waters of the Exmouth Gulf south of a line that extends from the mainland to Muiron Islands, Serrurier Island and 114 degrees 46 min E			
Octopuses nei (<i>Octopus</i> spp)	Pots/traps, (Bottom)	Number of Vessels: 25, Licenses: 37, Participants: n/a, Aquaculture Facilities: 0	EEZ,(FAO:57 Indian Ocean Eastern),57.5.2,Western Australian Fishery: Cockburn Sound, three zones extending from the mainland			
Brownstripe red snapper (<i>Lutjanus vitta</i>), Crimson snapper (<i>Lutjanus erythropterus</i>), Cuttlefishes nei (<i>Sepia</i> spp), Goldbanded jobfish (<i>Pristipomoides multidens</i>), Malabar blood snapper (<i>Lutjanus malabaricus</i>), Rock lobsters nei (<i>Jasus</i> spp), Spangled emperor (<i>Lethrinus nebulosus</i>), Various squids nei (<i>Loliginidae</i> , <i>Ommastrephidae</i>), White-blotched grouper (<i>Epinephelus multinotatus</i>), rosy threadfin bream (<i>Nemipterus furcosus</i>)	Trawls (not specified), (Demersal)	Number of Vessels: 3, Licenses: 11, Participants: n/a, Aquaculture Facilities: 0	EEZ,(FAO:57 Indian Ocean Eastern),57.5.1,Western Australian Fishery: zone 2	Common bottlenose dolphin (STOCK NOT SPECIFIED) Dolphin unspecified (STOCK NOT SPECIFIED)	Common bottlenose dolphin (STOCK NOT SPECIFIED): 19.8 Dolphin unspecified (STOCK NOT SPECIFIED): 0	
Blue swimming crab (<i>Portunus pelagicus</i>)	Trawls (not specified), (Demersal)	Number of Vessels: 27, Licenses: 32, Participants: n/a, Aquaculture Facilities: 0	EEZ,(FAO:57 Indian Ocean Eastern),57.5.2,Western Australian Fishery: operates in 2 zones: west off the mainland bw 23 degrees 34 min S and 26 degrees 30 min S to approx. 150m isobath, zone 2 covers the waters of Shark Bay			
Blue swimming crab (<i>Portunus pelagicus</i>)	Pots/traps, (Bottom)	Number of Vessels: 27, Licenses: 32, Participants: n/a, Aquaculture Facilities: 0	EEZ,(FAO:57 Indian Ocean Eastern),Western Australian Fishery: operates in 2 zones: west off the mainland bw 23 degrees 34 min S and 26 degrees 30 min S to approx. 150m isobath, zone 2 covers the waters of Shark Bay			
Australia mud shrimp (<i>Solenocera australiana</i>), Brown tiger prawn (<i>Penaeus esculentus</i>), Endeavour shrimp (<i>Metapenaeus endeavouri</i>), Western king prawn (<i>Melicertus latisulcatus</i>)	Trawls (not specified), (Demersal)	Number of Vessels: 18, Licenses: 18, Participants: n/a, Aquaculture Facilities: 0	EEZ,(FAO:57 Indian Ocean Eastern),57.5.2,Western Australian Fishery: waters off the mainland between 23 degrees, 34 min S, and 26 degrees, 30 min S to approx. 200m isobath			
Saucer scallop (<i>Amusium japonicum</i>)	Trawls (not specified), (Demersal)	Number of Vessels: 24, Licenses: 29, Participants: n/a, Aquaculture Facilities: 0	EEZ,(FAO:57 Indian Ocean Eastern),57.5.2,Western Australian Fishery: waters off the mainland between 23 degrees, 34 min S, and 26 degrees, 30 min S to approx. 200m isobath			

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Australian spiny lobster (<i>Panulirus cygnus</i>), Chaceon geryons nei (<i>Chaceon spp</i>), Champagne crab (<i>Hypothalassia armata</i>), Red rock lobster (<i>Jasus edwardsii</i>), Tasmanian giant crab (<i>Pseudocarcinus gigas</i>)	Pots/traps, (Bottom)	Number of Vessels: 25, Licenses: 61, Participants: none provided, Aquaculture Facilities: 0	EEZ,(FAO:57 Indian Ocean Eastern),57.5.2,Western Australian Fishery: four zones on the south coast extending from 34 degrees, 24 min S to the WA/SA border, including an offshore zone			
Australian spiny lobster (<i>Panulirus cygnus</i>)	Pots/traps, (Bottom)	Number of Vessels: 295, Licenses: 614, Participants: none provided, Aquaculture Facilities: 0	EEZ,(FAO:57 Indian Ocean Eastern),57.5.1, 57.5.2,Western Australian Fishery: three zones off the west coast of WA between 21 degrees, 44 min S and 34 degrees, 24 min S	Australian sea lion (STOCK NOT SPECIFIED) Dolphin unspecified (STOCK NOT SPECIFIED) Humpback whale (STOCK NOT SPECIFIED) Seal unspecified (STOCK NOT SPECIFIED) Southern right whale (STOCK NOT SPECIFIED) Whale unspecified (STOCK NOT SPECIFIED)	Australian sea lion (STOCK NOT SPECIFIED): NOT PROVIDED Dolphin unspecified (STOCK NOT SPECIFIED): 0 Humpback whale (STOCK NOT SPECIFIED): 0 Seal unspecified (STOCK NOT SPECIFIED): 0 Southern right whale (STOCK NOT SPECIFIED): 0 Whale unspecified (STOCK NOT SPECIFIED): 0	
Chaceon geryons nei (<i>Chaceon spp</i>), Champagne crab (<i>Hypothalassia armata</i>), Tasmanian giant crab (<i>Pseudocarcinus gigas</i>)	Pots/traps, (Bottom)	Number of Vessels: 5, Licenses: 7, Participants: n/a, Aquaculture Facilities: 0	EEZ,(FAO:57 Indian Ocean Eastern),57.5.1, 57.5.2,Western Australian Fishery: all waters between 34 degrees, 24 min S, the WA/NT border and the seaward side of the 150m isobath to the Australian Fishing Zone			
Tasmanian giant crab (<i>Pseudocarcinus gigas</i>)	Pots/traps, (Bottom)	Number of Vessels: 6, Licenses: 83, Participants: none provided, Aquaculture Facilities: 0	EEZ,(FAO:57 Indian Ocean Eastern),57.6,Tasmanian Fishery: Tasmanian waters			
Red rock lobster (<i>Jasus edwardsii</i>)	Pots/traps, (Bottom)	Number of Vessels: 200, Licenses: 312, Participants: n/a, Aquaculture Facilities: 0	EEZ,(FAO:57 Indian Ocean Eastern),57.6,Tasmanian Fishery: predominantly coastal (less than 50m) around the state	Seal unspecified (STOCK NOT SPECIFIED)	Seal unspecified (STOCK NOT SPECIFIED): .2	
Atlantic salmon (<i>Salmo salar</i>), Sea trout (<i>Salmo trutta</i>)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: n/a, Licenses: n/a, Participants: n/a, Aquaculture Facilities: 44 leases	EEZ,(FAO:57 Indian Ocean Eastern),57.6,Tasmanian Fishery: Tasmanian coastal waters	Australian fur seal (STOCK NOT SPECIFIED) Common bottlenose dolphin (STOCK NOT SPECIFIED) Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED)	Australian fur seal (STOCK NOT SPECIFIED): 25 Common bottlenose dolphin (STOCK NOT SPECIFIED): UNKNOWN Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED): UNKNOWN	

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Red rock lobster (<i>Jasus edwardsii</i>)	Pots/traps, (Bottom)	Number of Vessels: none provided, Licenses: 118, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:57 Indian Ocean Eastern),57.6,Victorian Fishery: Victorian coastal waters	Australian fur seal (STOCK NOT SPECIFIED) Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED) Humpback whale (STOCK NOT SPECIFIED) Seal unspecified (STOCK NOT SPECIFIED)	Australian fur seal (STOCK NOT SPECIFIED): NOT PROVIDED Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED): NOT PROVIDED Humpback whale (STOCK NOT SPECIFIED): 0 Seal unspecified (STOCK NOT SPECIFIED): .2	
Tasmanian giant crab (<i>Pseudocarcinus gigas</i>)	Pots/traps, (Bottom)	Number of Vessels: none provided, Licenses: 30, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:57 Indian Ocean Eastern),57.6,Victorian Fishery: Victorian coastal waters			
Southern bluefin tuna (<i>Thunnus maccoyii</i>)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: none provided, Licenses: 14, Participants: 14, Aquaculture Facilities: 9	EEZ,(FAO:57 Indian Ocean Eastern),57.6,South Australia Fishery: Port Lincoln	Common bottlenose dolphin (STOCK NOT SPECIFIED) Long-nosed fur seal, New Zealand fur seal (STOCK NOT SPECIFIED)	Common bottlenose dolphin (STOCK NOT SPECIFIED): 0 Long-nosed fur seal, New Zealand fur seal (STOCK NOT SPECIFIED): 0	
Yellowtail amberjack (<i>Seriola lalandi</i>)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: none provided, Licenses: 23, Participants: 23, Aquaculture Facilities: 2	EEZ,(FAO:57 Indian Ocean Eastern),57.6,South Australia Fishery: Port Lincoln, Arno Bay, Fitzgerald Bay (Spencer Gulf)	Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED) Dolphin unspecified (STOCK NOT SPECIFIED) Long-nosed fur seal, New Zealand fur seal (STOCK NOT SPECIFIED)	Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED): NOT PROVIDED Dolphin unspecified (STOCK NOT SPECIFIED): .2 Long-nosed fur seal, New Zealand fur seal (STOCK NOT SPECIFIED): .2	
Yellowtail amberjack (<i>Seriola lalandi</i>)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: N/A, Licenses: 1 operator, Participants: 1 operator, Aquaculture Facilities: 1	EEZ,(FAO:57 Indian Ocean Eastern),57.5.2,Western Australian Fishery: coast of Geraldton			
Eastern king prawn (<i>Melicertus plebejus</i>), Eastern school shrimp (<i>Metapenaeus macleayi</i>), Flathead grey mullet (<i>Mugil cephalus</i>), Goolwa donax (<i>Donax deltooides</i>), Mud crab (<i>Macrophtalmus depressus</i>), Parore (<i>Girella tricuspidata</i>), River eels nei (<i>Anguilla</i> spp), Sand sillago (<i>Sillago ciliata</i>), Surf bream (<i>Acanthopagrus australis</i>), dusky flathead (<i>Platycephalus fuscus</i>)	Gillnets and entangling nets (not specified), (Demersal)	Number of Vessels: none provided, Licenses: none provided, Participants: 254, Aquaculture Facilities: none provided	EEZ,(FAO:81 Pacific Southwest),New South Wales Fishery: specific estuaries			
Flathead grey mullet (<i>Mugil cephalus</i>), Sand sillago (<i>Sillago ciliata</i>), Striped silver biddy (<i>Gerres methueni</i>), Surf bream (<i>Acanthopagrus australis</i>), Whiting (<i>Merlangius merlangus</i>)	Hauling nets, (Demersal)	Number of Vessels: none provided, Licenses: none provided, Participants: 88, Aquaculture Facilities: none provided	EEZ,(FAO:81 Pacific Southwest),New South Wales Fishery: specific estuaries			
Brown tiger prawn (<i>Penaeus esculentus</i>), Eastern king prawn (<i>Melicertus plebejus</i>), Eastern school shrimp (<i>Metapenaeus macleayi</i>), Greentail shrimp (<i>Metapenaeus bennettiae</i>)	Gillnets and entangling nets (not specified), (Demersal)	Number of Vessels: none provided, Licenses: none provided, Participants: 102, Aquaculture Facilities: none provided	EEZ,(FAO:81 Pacific Southwest),New South Wales Fishery: specific estuaries			
Anchovies nei (<i>Engraulis</i> spp), Australian pilchard (<i>Sardinops neopilchardus</i>), Australian salmon (<i>Arripis trutta</i>), Blue mackerel (<i>Scomber australasicus</i>), Eastern sea garfish (<i>Hyporhamphus australis</i>), Flathead grey mullet (<i>Mugil cephalus</i>), Herrings/sardines nei (<i>Clupeidae</i>), Surf bream (<i>Acanthopagrus australis</i>), Yellowtail scad (<i>Atule mate</i>)	Hauling nets, (Pelagic)	Number of Vessels: none provided, Licenses: 21, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:81 Pacific Southwest),New South Wales Fishery: ocean waters			

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Anchovies nei (Engraulis spp), Australian bonito (Sarda australis), Australian pilchard (Sardinops neopilchardus), Australian salmon (Arripis trutta), Blue mackerel (Scomber australasicus), Herrings/sardines nei (Clupeidae), Jack and horse mackerels nei (Trachurus spp), Silver sweep (Scorpius lineolata), Skipjack tuna (Katsuwonus pelamis), Striped bonito (Sarda orientalis), White trevally (Pseudocaranx dentex), Yellowtail scad (Atule mate)	Purse seines, (Pelagic)	Number of Vessels: none provided, Licenses: none provided, Participants: 12, Aquaculture Facilities: none provided	EEZ,(FAO:81 Pacific Southwest),New South Wales Fishery: ocean waters			
Bigfin reef squid (Sepioteuthis lessoniana), Blue swimming crab (Portunus pelagicus), Brown tiger prawn (Penaeus esculentus), Cobbler (Cnidoglanis macrocephalus), Eastern king prawn (Melicertus plebejus), Eastern school shrimp (Metapenaeus macleayi), Gould's flying squid (Nototodarus gouldi), Greentail shrimp (Metapenaeus bennettiae), Mud crab (Macrophtalmus depressus), Striped eel catfish (Plotosus lineatus), Trumpeter sillago (Sillago maculata), Various squids nei (Loliginidae, Ommastrephidae), common silver belly (Gerres subfasciatus), fork-tailed catfish (Neoarius graeffei)	Otter trawls (not specified), (Demersal)	Number of Vessels: none provided, Licenses: none provided, Participants: 64, Aquaculture Facilities: none provided	EEZ,(FAO:81 Pacific Southwest),New South Wales Fishery: Clarence River estuary			
Eastern king prawn (Melicertus plebejus), Eastern school shrimp (Metapenaeus macleayi)	Otter trawls (not specified), (Demersal)	Number of Vessels: none provided, Licenses: none provided, Participants: 22, Aquaculture Facilities: none provided	EEZ,(FAO:81 Pacific Southwest),New South Wales Fishery: Hunter River estuary			
Bigeyes nei (Priacanthus spp), Black sole (Achlyopa nigra), Blue swimming crab (Portunus pelagicus), Brown tiger prawn (Penaeus esculentus), Eastern king prawn (Melicertus plebejus), Eastern school shrimp (Metapenaeus macleayi), Greentail shrimp (Metapenaeus bennettiae), Hairtails nei (Trichiurus spp), Herrings/sardines nei (Clupeidae), Largetooth flounder (Pseudorhombus arsius), Mud crab (Macrophtalmus depressus), Octopuses nei (Octopus spp), Stomatopods nei (Stomatopoda), Striped eel catfish (Plotosus lineatus), Trumpeter sillago (Sillago maculata), Various squids nei (Loliginidae, Ommastrephidae), Yellowtail scad (Atule mate), common silver belly (Gerres subfasciatus), fork-tailed catfish (Neoarius graeffei), smalltooth flounder (Pseudorhombus jenynsii)	Otter trawls (not specified), (Demersal)	Number of Vessels: none provided, Licenses: none provided, Participants: 41, Aquaculture Facilities: none provided	EEZ,(FAO:81 Pacific Southwest),New South Wales Fishery: Hawksbury River estuary			
Australian bonito (Sarda australis), Banded Rock Cod (Bar Cod) (Epinephelus ergastularius), Bluenose warehou (Hyperoglyphe antarctica), Gummy shark (Mustelus antarcticus), Leatherjacket (Oligoplites saurus), Snappers nei (Lutjanus spp), Spanner crab (Ranina ranina), Surf bream (Acanthopagrus australis), Tarakihi/jackass morwong (Nemadactylus macropterus), White trevally (Pseudocaranx dentex), Yellowtail amberjack (Seriola lalandi)	Pots/traps, (Demersal)	Number of Vessels: none provided, Licenses: none provided, Participants: 72, Aquaculture Facilities: none provided	EEZ,(FAO:81 Pacific Southwest),New South Wales Fishery: ocean waters			
Spanner crab (Ranina ranina)	Crab nets, (Demersal)	Number of Vessels: none provided, Licenses: none provided, Participants: 21, Aquaculture Facilities: none provided	EEZ,(FAO:81 Pacific Southwest),New South Wales Fishery: ocean waters			
Butterfly fan lobster (Ibacus peronii), Cuttlefishes nei (Sepia spp), Eastern king prawn (Melicertus plebejus), Eastern school shrimp (Metapenaeus macleayi), Octopuses nei (Octopus spp), Royal red shrimp (Pleoticus robustus), Sand flathead (Platycephalus bassensis), Southern fiddler ray (Trygonorrhina dumerilii), Southern reef squid (Sepioteuthis australis), Tiger flathead (Platycephalus richardsoni), White trevally (Pseudocaranx dentex), eastern school sillago (Sillago bassensis), stout whiting (Sillago robusta)	Otter trawls (not specified), (Demersal)	Number of Vessels: none provided, Licenses: none provided, Participants: 136, Aquaculture Facilities: none provided	EEZ,(FAO:81 Pacific Southwest),New South Wales Fishery: ocean waters	Australian fur seal (STOCK NOT SPECIFIED) Long-nosed fur seal, New Zealand fur seal (STOCK NOT SPECIFIED) Seal unspecified (STOCK NOT SPECIFIED)	Australian fur seal (STOCK NOT SPECIFIED): NOT PROVIDED Long-nosed fur seal, New Zealand fur seal (STOCK NOT SPECIFIED): .2 Seal unspecified (STOCK NOT SPECIFIED): .6	
Sand flathead (Platycephalus bassensis), Southern fiddler ray (Trygonorrhina dumerilii), Tiger flathead (Platycephalus richardsoni), White trevally (Pseudocaranx dentex), eastern school sillago (Sillago bassensis), stout whiting (Sillago robusta)	Danish seines, (Demersal)	Number of Vessels: none provided, Licenses: none provided, Participants: 95, Aquaculture Facilities: none provided	EEZ,(FAO:81 Pacific Southwest),New South Wales Fishery: ocean waters	Australian fur seal (STOCK NOT SPECIFIED) Long-nosed fur seal, New Zealand fur seal (STOCK NOT SPECIFIED) Seal unspecified (STOCK NOT SPECIFIED)	Australian fur seal (STOCK NOT SPECIFIED): 0 Long-nosed fur seal, New Zealand fur seal (STOCK NOT SPECIFIED): 0 Seal unspecified (STOCK NOT SPECIFIED): 0	

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Blue swimming crab (<i>Portunus pelagicus</i>)	Pots/traps, (Demersal)	Number of Vessels: 15, Licenses: 9, Participants: none provided, Aquaculture Facilities: 0	EEZ,(FAO:57 Indian Ocean Eastern),57.6,South Australia Fishery: gulf waters of SA			
Australian river gizzard shad (<i>Nematalosa erebi</i>), Greenback flounder (<i>Rhombosolea tapirina</i>), Southern black bream (<i>Acanthopagrus butcheri</i>), Southern meagre(=Mulloway) (<i>Argyrosomus hololepidotus</i>), Yellow-eye mullet (<i>Aldrichetta forsteri</i>)	Set gillnets/set nets (anchored), (Demersal)	Number of Vessels: 90, Licenses: 36, Participants: none provided, Aquaculture Facilities: 0	EEZ,(FAO:57 Indian Ocean Eastern),57.6,South Australia Fishery: Lagoons and coastal marine waters			
Australian river gizzard shad (<i>Nematalosa erebi</i>), Greenback flounder (<i>Rhombosolea tapirina</i>), Southern black bream (<i>Acanthopagrus butcheri</i>), Southern meagre(=Mulloway) (<i>Argyrosomus hololepidotus</i>), Yellow-eye mullet (<i>Aldrichetta forsteri</i>)	Hauling nets, (Demersal)	Number of Vessels: 90, Licenses: 36, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:57 Indian Ocean Eastern),57.6,South Australia Fishery: Lagoons and coastal marine waters			
Blue swimming crab (<i>Portunus pelagicus</i>), Sand crab (<i>Ovalipes punctatus</i>), Velvet swimcrab (<i>Necora puber</i>)	Pots/traps, (Demersal)	Number of Vessels: none provided, Licenses: 4, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:57 Indian Ocean Eastern),South Australia Fishery: marine waters of SA to 200nm			
Blue swimming crab (<i>Portunus pelagicus</i>), Sand crab (<i>Ovalipes punctatus</i>), Velvet swimcrab (<i>Necora puber</i>)	Gillnets and entangling nets (not specified), (Demersal)	Number of Vessels: none provided, Licenses: 73, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:57 Indian Ocean Eastern),57.6,South Australia Fishery: marine waters of SA to 200nm			
Cockles nei (<i>Cardiidae</i>), Cuttlefishes nei (<i>Sepia</i> spp), Flat and cupped oysters nei (<i>Ostreidae</i>), Gould's flying squid (<i>Nototodarus gouldi</i>), <i>Mytilus</i> mussels nei (<i>Mytilus</i> spp), Octopuses nei (<i>Octopus</i> spp), Scallops nei (<i>Pectinidae</i>), Southern reef squid (<i>Sepioteuthis australis</i>)	Pots/traps, (Demersal)	Number of Vessels: none provided, Licenses: 42, Participants: none provided, Aquaculture Facilities: 0	EEZ,(FAO:57 Indian Ocean Eastern),South Australia Fishery: marine waters of SA to 200nm			
Cockles nei (<i>Cardiidae</i>), Cuttlefishes nei (<i>Sepia</i> spp), Flat and cupped oysters nei (<i>Ostreidae</i>), Gould's flying squid (<i>Nototodarus gouldi</i>), <i>Mytilus</i> mussels nei (<i>Mytilus</i> spp), Octopuses nei (<i>Octopus</i> spp), Scallops nei (<i>Pectinidae</i>), Southern reef squid (<i>Sepioteuthis australis</i>)	Gillnets and entangling nets (not specified), (Demersal)	Number of Vessels: none provided, Licenses: 73, Participants: none provided, Aquaculture Facilities: 0	EEZ,(FAO:57 Indian Ocean Eastern),57.6,South Australia Fishery: marine waters of SA to 200nm			
Australian anchovy (<i>Engraulis australis</i>), Bight redfish (<i>Centroberyx gerrardi</i>), Blue mackerel (<i>Scomber australasicus</i>), Blue-spotted mullet (<i>Upeneichthys vlamingii</i>), Bluenose warehou (<i>Hyperoglyphe antarctica</i>), Bluethroat Wrasse (<i>Notolabrus tetricus</i>), Carangids nei (<i>Carangidae</i>), Common snook (<i>Centropomus undecimalis</i>), Dories nei (<i>Zeidae</i>), Filefishes/leatherjackets nei (<i>Monacanthidae</i>), Flatfishes nei (<i>Pleuronectiformes</i>), Flatheads nei (<i>Platycephalidae</i>), Greenback horse mackerel (<i>Trachurus declivis</i>), Moras nei (<i>Moridae</i>), Morwongs (<i>Nemadactylus</i> spp), Mulletts nei (<i>Mugilidae</i>), Pink cusk-eel (<i>Genypterus blacodes</i>), Redfish (<i>Centroberyx affinis</i>), Ruff (<i>Arripis georgianus</i>), Sea sweep (<i>Scorpius aequipinnis</i>), Sillago-whittings (<i>Sillaginidae</i>), Snappers nei (<i>Lutjanus</i> spp), Snoek (<i>Thyrsites atun</i>), Southern black bream (<i>Acanthopagrus butcheri</i>), Southern meagre(=Mulloway) (<i>Argyrosomus hololepidotus</i>), Swallow-tail (<i>Centroberyx lineatus</i>), West Australian salmon (<i>Arripis truttaceus</i>), Yellowtail amberjack (<i>Seriola lalandi</i>), southern garfish (<i>Hyporhamphus melanochir</i>), southern sole (<i>Aseraggodes haackeanus</i>)	Longlines (not specified), (Pelagic)	Number of Vessels: none provided, Licenses: 279, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:57 Indian Ocean Eastern),57.6,South Australia Fishery: marine waters of SA to 200nm	Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED) Dolphin unspecified (STOCK NOT SPECIFIED)	Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED): 0 Dolphin unspecified (STOCK NOT SPECIFIED): 0	

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Australian anchovy (<i>Engraulis australis</i>), Bight redfish (<i>Centroberyx gerrardi</i>), Blue mackerel (<i>Scomber australasicus</i>), Blue-spotted mullet (<i>Upeneichthys vlamingii</i>), Bluenose warehou (<i>Hyperoglyphe antarctica</i>), Bluethroat Wrasse (<i>Notolabrus tetricus</i>), Carangids nei (<i>Carangidae</i>), Common snook (<i>Centropomus undecimalis</i>), Dories nei (<i>Zeidae</i>), Filefishes/leatherjackets nei (<i>Monacanthidae</i>), Flatfishes nei (<i>Pleuronectiformes</i>), Flatheads nei (<i>Platycephalidae</i>), Greenback horse mackerel (<i>Trachurus declivis</i>), Moras nei (<i>Moridae</i>), Morwongs (<i>Nemadactylus</i> spp), Mullets nei (<i>Mugilidae</i>), Pink cusk-eel (<i>Genypterus blacodes</i>), Redfish (<i>Centroberyx affinis</i>), Ruff (<i>Arripis georgianus</i>), Sea sweep (<i>Scorpis aequipinnis</i>), Sillago-whitings (<i>Sillaginidae</i>), Snappers nei (<i>Lutjanus</i> spp), Snoek (<i>Thyrsites atun</i>), Southern black bream (<i>Acanthopagrus butcheri</i>), Southern meagre(=Mulloway) (<i>Argyrosomus hololepidotus</i>), Swallow-tail (<i>Centroberyx lineatus</i>), West Australian salmon (<i>Arripis truttaceus</i>), Yellowtail amberjack (<i>Seriola lalandi</i>), southern garfish (<i>Hyporhamphus melanochir</i>), southern sole (<i>Aseraggodes haackeanus</i>)	Gillnets and entangling nets (not specified), (Pelagic)	Number of Vessels: none provided, Licenses: 73, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:57 Indian Ocean Eastern),57.6,South Australia Fishery: marine waters of SA to 200nm	Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED) Dolphin unspecified (STOCK NOT SPECIFIED)	Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED): 0 Dolphin unspecified (STOCK NOT SPECIFIED): 0	

Azerbaijan

Export Fisheries						
Sturgeon (<i>caviar/roe</i>)	Gillnets and entangling nets (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Caspian sea	Caspian seal (STOCK NOT SPECIFIED)		Caspian seal (STOCK NOT SPECIFIED): NOT PROVIDED

Bahamas

Exempt Fisheries						
Groundfishes nei (<i>Osteichthyes</i>), Groupers nei (<i>Epinephelus</i> spp), Ocean triggerfish (<i>Canthidermis sufflamen</i>), Snappers nei (<i>Lutjanus</i> spp)	Pots/traps, (Bottom), Spears, (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: unknown, Aquaculture Facilities: 0	EEZ,(FAO:31 Atlantic Western Central),Bahama Banks	Atlantic spotted dolphin (45) Common bottlenose dolphin (343) West Indian manatee (14)		Atlantic spotted dolphin (45): NOT PROVIDED Common bottlenose dolphin (343): NOT PROVIDED West Indian manatee (14): NOT PROVIDED
Caribbean spiny lobster (<i>Panulirus argus</i>)	Diving (hookah or aided), (Bottom), Other (Please Specify) casita, (Bottom), lobster traps, (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: 0	EEZ,(FAO:31 Atlantic Western Central),Bahama Banks	Atlantic spotted dolphin (45) Common bottlenose dolphin (343) West Indian manatee (14)		Atlantic spotted dolphin (45): NOT PROVIDED Common bottlenose dolphin (343): NOT PROVIDED West Indian manatee (14): NOT PROVIDED
Sea cucumbers nei (<i>Holothuroidea</i>)	Diving (SCUBA and/or free-diving), (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: Less than 10, Aquaculture Facilities: 0	EEZ,(FAO:31 Atlantic Western Central),Bahama Banks	Common bottlenose dolphin (343) West Indian manatee (14)		Common bottlenose dolphin (343): NOT PROVIDED West Indian manatee (14): NOT PROVIDED
Queen conch (<i>Strombus gigas</i>)	Diving (SCUBA and/or free-diving), (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: unknown, Aquaculture Facilities: 0	EEZ,(FAO:31 Atlantic Western Central),Bahama Banks	Atlantic spotted dolphin (45) Common bottlenose dolphin (343) Striped dolphin (UNKNOWN) West Indian manatee (14)		Atlantic spotted dolphin (45): NOT PROVIDED Common bottlenose dolphin (343): NOT PROVIDED Striped dolphin (UNKNOWN): NOT PROVIDED West Indian manatee (14): NOT PROVIDED

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Sponges (Spongiidae)	Diving (SCUBA and/or free-diving), (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: unknown, Aquaculture Facilities: 0	EEZ,(FAO:31 Atlantic Western Central),Bahama Banks	Common bottlenose dolphin (343)	Common bottlenose dolphin (343): NOT PROVIDED	
Black stone crab (Menippe mercenaria)	Pots/traps, (Bottom)	Number of Vessels: 20, Licenses: 20, Participants: unknown, Aquaculture Facilities: 0	EEZ,(FAO:31 Atlantic Western Central),Bahama Banks	Atlantic spotted dolphin (45) Common bottlenose dolphin (343)	Atlantic spotted dolphin (45): NOT PROVIDED Common bottlenose dolphin (343): NOT PROVIDED	
Export Fisheries						
Golden deepsea crab (Chaceon fenneri)	Pots/traps, (Bottom)	Number of Vessels: 1, Licenses: 1, Participants: 4, Aquaculture Facilities: 0	EEZ,(FAO:31 Atlantic Western Central),Western edge of Little Bahama Bank and Great Bahama Bank	Atlantic spotted dolphin (45) Blainville's beaked whale (32) Dwarf sperm whale (28) Short-finned pilot whale (74) Sperm whale, cachalot (64)	Atlantic spotted dolphin (45): UNKNOWN Blainville's beaked whale (32): UNKNOWN Dwarf sperm whale (28): UNKNOWN Short-finned pilot whale (74): UNKNOWN Sperm whale, cachalot (64): UNKNOWN	

Bahrain

Export Fisheries						
Sharks/rays/skates/etc. nei (Elasmobranchii)	Driftnets	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			
Jellyfishes nei (Rhopilema spp)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			
Emperors/Scavengers nei (Lethrinidae), Groupers nei (Epinephelus spp), Grunts nei (Haemulon spp), Mackerels nei (Scombridae), Marine fishes nei (Osteichthyes), Porgies/seabreams nei (Sparidae), Sobaity seabream (Sparidentex hasta), Spinefeet/Rabbitfishes nei (Siganus spp)	Fish pots/fish traps	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			
Emperors/Scavengers nei (Lethrinidae), Groupers nei (Epinephelus spp), Grunts nei (Haemulon spp), Mackerels nei (Scombridae), Marine fishes nei (Osteichthyes), Porgies/seabreams nei (Sparidae), Sobaity seabream (Sparidentex hasta), Spinefeet/Rabbitfishes nei (Siganus spp)	Fixed gillnets (on stakes)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			
Cuttlefishes nei (Sepia spp)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
marine shrimps nei	Trawls (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			
Emperors/Scavengers nei (Lethrinidae), Groupers nei (Epinephelus spp), Grunts nei (Haemulon spp), Mackerels nei (Scombridae), Marine fishes nei (Osteichthyes), Porgies/seabreams nei (Sparidae), Sobaity seabream (Sparidentex hasta), Spinefeet/Rabbitfishes nei (Siganus spp)	Aquaculture (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			
Groupers nei (Epinephelus spp), Snappers nei (Lutjanus spp)	Fixed gillnets (on stakes)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			
Groupers nei (Epinephelus spp), Snappers nei (Lutjanus spp)	Longlines (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			
Lobsters nei (Reptantia), Marine crabs nei (Brachyura)	Pots/traps, (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			

Bangladesh

Exempt Fisheries						
Marine crabs nei (Brachyura)	Scoopnets	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Along the sundarbans and coastal rivers of Bay of Bengal (area 57)			
Export Fisheries						
Homarus lobsters nei (Homarus spp), Lobsters nei (Reptantia), Rock lobsters nei (Jasus spp)	Bottom trawls (not specified), (Demersal)	UNKNOWN	EEZ,(FAO:57 Indian Ocean Eastern),none provided	Irrawaddy dolphin, pesut (STOCK NOT SPECIFIED)	Irrawaddy dolphin, pesut (STOCK NOT SPECIFIED): UNKNOWN	BOBP-IGO,IOTC
Flatfishes nei (Pleuronectiformes)	Unknown/Gear not known/Not provided, (Demersal)	Number of Vessels: 255, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:57 Indian Ocean Eastern),none provided	Irrawaddy dolphin, pesut (STOCK NOT SPECIFIED)	Irrawaddy dolphin, pesut (STOCK NOT SPECIFIED): UNKNOWN	BOBP-IGO,IOTC

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Anchovies nei (Engraulis spp), Catfishes nei (Ictalurus spp), Common carp (Cyprinus carpio), Croakers nei (Micropogonias spp), Cuttlefishes nei (Sepia spp), Deep-water red snapper (Etelis carbunculus), Eels/morays/congers nei (Anguilliformes), Flatfishes nei (Pleuronectiformes), Groupers nei (Epinephelus spp), Hairtails nei (Trichiurus spp), Herrings/sardines nei (Clupeidae), Hilsa shad (Tenuialosa ilisha), Mackerels nei (Scombridae), Porgies/seabreams nei (Sparidae), Rays and skates nei (Rajidae), Scads nei (Decapterus spp), Silver pomfret (Pampus argenteus), Soles nei (Soleidae), Southern meagre(=Mulloway) (Argyrosomus hololepidotus), Tunas nei (Thunnini), Various sharks nei (Selachimorpha (Pleurotremata)), marine shrimps nei	Gillnets and entangling nets (not specified), (Pelagic)	Number of Vessels: 32859, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:57 Indian Ocean Eastern),Bay of Bengal	Irrawaddy dolphin, pesut (STOCK NOT SPECIFIED) Susu, Ganges river dolphin (STOCK NOT SPECIFIED)	Irrawaddy dolphin, pesut (STOCK NOT SPECIFIED): UNKNOWN Susu, Ganges river dolphin (STOCK NOT SPECIFIED): UNKNOWN	BOBP-IGO,IOTC
Catfishes nei (Ictalurus spp), Common carp (Cyprinus carpio), Croakers nei (Micropogonias spp), Cuttlefishes nei (Sepia spp), Deep-water red snapper (Etelis carbunculus), Eels/morays/congers nei (Anguilliformes), Flatfishes nei (Pleuronectiformes), Groupers nei (Epinephelus spp), Hairtails nei (Trichiurus spp), Herrings/sardines nei (Clupeidae), Hilsa shad (Tenuialosa ilisha), Mackerels nei (Scombridae), Porgies/seabreams nei (Sparidae), Rays and skates nei (Rajidae), Scads nei (Decapterus spp), Silver pomfret (Pampus argenteus), Soles nei (Soleidae), Tunas nei (Thunnini), Various sharks nei (Selachimorpha (Pleurotremata)), marine shrimps nei	Trawls (not specified), (Midwater)	Number of Vessels: 255, Licenses: 255, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:57 Indian Ocean Eastern),Bay of Bengal	Irrawaddy dolphin, pesut (STOCK NOT SPECIFIED)	Irrawaddy dolphin, pesut (STOCK NOT SPECIFIED): UNKNOWN	IOTC
Groundfishes nei (Osteichthyes), Hakes nei (Merluccius spp), Northern cods nei (Gadus spp), Whitefishes nei (Coregonus spp), Whiting (Merlangius merlangus)	Unknown/Gear not known/Not provided, (Surface)	Number of Vessels: 255, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:57 Indian Ocean Eastern),none provided	Irrawaddy dolphin, pesut (STOCK NOT SPECIFIED)	Irrawaddy dolphin, pesut (STOCK NOT SPECIFIED): UNKNOWN	BOBP-IGO,IOTC
Butterfishes nei (Stromateus spp)	Unknown/Gear not known/Not provided, (Pelagic)	Number of Vessels: 255, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:57 Indian Ocean Eastern),none provided	Irrawaddy dolphin, pesut (STOCK NOT SPECIFIED)	Irrawaddy dolphin, pesut (STOCK NOT SPECIFIED): UNKNOWN	BOBP-IGO,IOTC
Conger eels/etc. nei (Congridae)	Unknown/Gear not known/Not provided, (Demersal)	Number of Vessels: 255, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:57 Indian Ocean Eastern),none provided	Irrawaddy dolphin, pesut (STOCK NOT SPECIFIED)	Irrawaddy dolphin, pesut (STOCK NOT SPECIFIED): UNKNOWN	BOBP-IGO,IOTC
Cuttlefishes nei (Sepia spp), Octopuses nei (Octopus spp), Various squids nei (Loliginidae, Ommastrephidae)	Unknown/Gear not known/Not provided, (Demersal)	Number of Vessels: 255, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:57 Indian Ocean Eastern),none provided	Irrawaddy dolphin, pesut (STOCK NOT SPECIFIED)	Irrawaddy dolphin, pesut (STOCK NOT SPECIFIED): UNKNOWN	BOBP-IGO,IOTC
Groupers/seabasses nei (Serranidae), Pike-perch (Sander lucioperca), Walleye (Sander vitreus)	Unknown/Gear not known/Not provided, (Pelagic)	Number of Vessels: 255, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:57 Indian Ocean Eastern),none provided	Irrawaddy dolphin, pesut (STOCK NOT SPECIFIED) Susu, Ganges river dolphin (STOCK NOT SPECIFIED)	Irrawaddy dolphin, pesut (STOCK NOT SPECIFIED): UNKNOWN Susu, Ganges river dolphin (STOCK NOT SPECIFIED): UNKNOWN	BOBP-IGO,IOTC
Marine molluscs nei (Mollusca)	Unknown/Gear not known/Not provided, (Demersal)	Number of Vessels: 255, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:57 Indian Ocean Eastern),none provided	Irrawaddy dolphin, pesut (STOCK NOT SPECIFIED)	Irrawaddy dolphin, pesut (STOCK NOT SPECIFIED): UNKNOWN	BOBP-IGO,IOTC
Herrings/sardines nei (Clupeidae), Mulletts nei (Mugilidae)	Trawls (not specified), (Midwater)	UNKNOWN	EEZ,(FAO:57 Indian Ocean Eastern),none provided	Irrawaddy dolphin, pesut (STOCK NOT SPECIFIED)	Irrawaddy dolphin, pesut (STOCK NOT SPECIFIED): UNKNOWN	BOBP-IGO,IOTC

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Sauger (<i>Sander canadensis</i>)	Unknown/Gear not known/Not provided, (Midwater)	Number of Vessels: 255, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:57 Indian Ocean Eastern),none provided	Irrawaddy dolphin, pesut (STOCK NOT SPECIFIED)	Irrawaddy dolphin, pesut (STOCK NOT SPECIFIED): UNKNOWN	BOBP-IGO,IOTC
Blue-spotted mullet (<i>Upeneichthys vlamingii</i>), Demersal fishes nei (<i>Osteichthyes</i>), Indian mottled eel (<i>Anguilla bengalensis</i>), Mottled false moray (<i>Chlopsis dentatus</i>), Sea bream (<i>Sparus aurata</i>), Shads nei (<i>Alosa</i> spp), multispecies fishery unspecified (<i>Osteichthyes</i>)	Drift gillnets, (Midwater), Midwater trawls (not specified), (Midwater)	UNKNOWN	EEZ,(FAO:57 Indian Ocean Eastern),none provided	Irrawaddy dolphin, pesut (STOCK NOT SPECIFIED)	Irrawaddy dolphin, pesut (STOCK NOT SPECIFIED): UNKNOWN	BOBP-IGO,IOTC

Barbados

Export Fisheries						
Bigeye tuna (<i>Thunnus obesus</i>), Dolphinfishes nei (<i>Coryphaenidae</i>), Swordfish (<i>Xiphias gladius</i>), Wahoo (<i>Acanthocybium solandri</i>), Yellowfin tuna (<i>Thunnus albacares</i>)	Drifting longlines, (Pelagic), Handlines and hand-operated pole-and-lines, (Pelagic)	Number of Vessels: 47, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:31 Atlantic Western Central),Atlantic Ocean, southeast of Barbados Island	Dolphin unspecified (STOCK NOT SPECIFIED) pilot whale unspecified (STOCK NOT SPECIFIED)	Dolphin unspecified (STOCK NOT SPECIFIED): 0 pilot whale unspecified (STOCK NOT SPECIFIED): 0	ICCAT

Belgium

Export Fisheries						
Northern prawn (<i>Pandalus borealis</i>)	Otter trawls (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	southern and central North Sea	Harbor porpoise (Southern North sea)	Harbor porpoise (Southern North sea): 0	
Atlantic cod (<i>Gadus morhua</i>), Flatfishes nei (<i>Pleuronectiformes</i>)	Gillnets and entangling nets (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	ICES area - North Sea, nearshore	Gray seal (STOCK NOT SPECIFIED) Harbor porpoise (Southern North sea) Harbor seal, common seal (STOCK NOT SPECIFIED)	Gray seal (STOCK NOT SPECIFIED): UNKNOWN Harbor porpoise (Southern North sea): 5 Harbor seal, common seal (STOCK NOT SPECIFIED): UNKNOWN	
Seaweeds nei (<i>Algae</i>)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			
King crabs/stone crabs nei (<i>Lithodidae</i>), Marine crabs nei (<i>Brachyura</i>), Marine crustaceans nei (<i>Crustacea</i>)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			
Marine molluscs nei (<i>Mollusca</i>), Sea mussels nei (<i>Mytilidae</i>)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Octopuses nei (Octopus spp)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			
Herrings/sardines nei (Clupeidae)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			
Anchovies nei (Engraulis spp)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			
Hard corals/madrepores nei (Scleractinia)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			
Cuttlefishes nei (Sepia spp)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			
Menhadens nei (Brevoortia spp)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			
Salmonids nei (Salmonidae)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			
Flatfishes nei (Pleuronectiformes), Righteye flounders nei (Pleuronectidae), Soles nei (Soleidae)	Otter trawls (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	southern and central North Sea	Harbor porpoise (Southern North sea)	Harbor porpoise (Southern North sea): 5	
Flatfishes nei (Pleuronectiformes), Righteye flounders nei (Pleuronectidae), Soles nei (Soleidae)	Beam trawls, (Benthic)	Number of Vessels: 35, Licenses: 35, Participants: 35, Aquaculture Facilities: 0	EEZ,southern and central North Sea			

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Northern prawn (<i>Pandalus borealis</i>)	Beam trawls	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	southern and central North Sea	Harbor porpoise (Southern North sea)	Harbor porpoise (Southern North sea): 0	

Belize

Exempt Fisheries						
Caribbean spiny lobster (<i>Panulirus argus</i>)	Other (Please Specify) none, (Bottom), lobster traps, (Bottom)	Number of Vessels: 771, Licenses: 2716, Participants: 2716, Aquaculture Facilities: 0	EEZ,(FAO:31 Atlantic Western Central),Territorial Waters	Dolphin unspecified (UNKNOWN) West Indian manatee (UNKNOWN)	Dolphin unspecified (UNKNOWN): NOT PROVIDED West Indian manatee (UNKNOWN): NOT PROVIDED	
Queen conch (<i>Strombus gigas</i>)	Diving (SCUBA and/or free-diving), (Bottom)	Number of Vessels: 771, Licenses: 771, Participants: 2716, Aquaculture Facilities: 0	EEZ,(FAO:31 Atlantic Western Central),Territorial Waters	Dolphin unspecified (UNKNOWN)	Dolphin unspecified (UNKNOWN): NOT PROVIDED	
Four-sided sea cucumber (<i>Isostichopus badiotus</i>), <i>Holothuria mexicana</i> (<i>Holothuria mexicana</i>)	Diving (SCUBA and/or free-diving), (Bottom)	Number of Vessels: 25, Licenses: 25, Participants: 75, Aquaculture Facilities: 0	EEZ,(FAO:31 Atlantic Western Central),Territorial Waters	Dolphin unspecified (UNKNOWN)	Dolphin unspecified (UNKNOWN): NOT PROVIDED	
Groupers <i>nei</i> (<i>Epinephelus</i> spp), Snappers <i>nei</i> (<i>Lutjanus</i> spp)	Handlines and hand-operated pole-and-lines, (Demersal)	Number of Vessels: 25, Licenses: 25, Participants: 100, Aquaculture Facilities: 0	EEZ,(FAO:31 Atlantic Western Central),Territorial Waters	Dolphin unspecified (UNKNOWN)	Dolphin unspecified (UNKNOWN): NOT PROVIDED	
Finfishes <i>nei</i> (Osteichthyes), Groupers <i>nei</i> (<i>Epinephelus</i> spp), Snappers <i>nei</i> (<i>Lutjanus</i> spp)	Other (Please Specify) Hand line and spear gun, (Bottom)	UNKNOWN	EEZ,(FAO:31 Atlantic Western Central),Territorial Waters	Dolphin unspecified (UNKNOWN)	Dolphin unspecified (UNKNOWN): NOT PROVIDED	
Finfishes <i>nei</i> (Osteichthyes), Snappers <i>nei</i> (<i>Lutjanus</i> spp)	Fish pots/fish traps, (Bottom)	Number of Vessels: 50, Licenses: 100, Participants: 100, Aquaculture Facilities: none provided	EEZ,(FAO:31 Atlantic Western Central),Territorial Waters	Dolphin unspecified (UNKNOWN)	Dolphin unspecified (UNKNOWN): NOT PROVIDED	
Marine shells <i>nei</i> (Ex Mollusca)	Hand collection, (Bottom)	Number of Vessels: 5, Licenses: 5, Participants: 20, Aquaculture Facilities: 0	EEZ,(FAO:31 Atlantic Western Central),Territorial Waters	Dolphin unspecified (UNKNOWN)	Dolphin unspecified (UNKNOWN): NOT PROVIDED	

Export Fisheries						
Tunas <i>nei</i> (<i>Thunnini</i>), Various sharks <i>nei</i> (<i>Selachimorpha</i> (<i>Pleurotremata</i>))	Longlines (not specified), (Pelagic)	Number of Vessels: 0, Licenses: 0, Participants: 0, Aquaculture Facilities: 0	High Seas,(FAO:77 Pacific Eastern Central, FAO:67 Pacific Northeast, FAO:81 Pacific Southwest),IATTC	Dolphin unspecified (UNKNOWN)	Dolphin unspecified (UNKNOWN): 0	IATTC

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Albacore (Thunnus alalunga), Bigeye tuna (Thunnus obesus), Swordfish (Xiphias gladius), Yellowfin tuna (Thunnus albacares)	Purse seines, (Pelagic)	Number of Vessels: 8, Licenses: 8, Participants: 8, Aquaculture Facilities: 0	High Seas, EEZ, Angola, Cape Verde Islands, Equatorial Guinea, Gabon, Ghana, Guinea, Guinea-Bissau, Ivory Coast, Liberia, Mauritania, Sao Tome & Principe, Sierra Leone, (FAO:34 Atlantic Eastern Central, FAO:47 Atlantic Southeast, FAO:41 Atlantic Southwest, FAO:31 Atlantic Western Central), ICCAT	Dolphin unspecified (UNKNOWN)	Dolphin unspecified (UNKNOWN): 0	ICCAT
Albacore (Thunnus alalunga), Bigeye tuna (Thunnus obesus), Swordfish (Xiphias gladius), Yellowfin tuna (Thunnus albacares)	Longlines (not specified), (Pelagic)	Number of Vessels: 8, Licenses: 8, Participants: 8, Aquaculture Facilities: 0	High Seas, (FAO:34 Atlantic Eastern Central, FAO:47 Atlantic Southeast, FAO:41 Atlantic Southwest, FAO:31 Atlantic Western Central), ICCAT	Dolphin unspecified (UNKNOWN)	Dolphin unspecified (UNKNOWN): 0	ICCAT
Skipjack tuna (Katsuwonus pelamis), Yellowfin tuna (Thunnus albacares)	Longlines (not specified), (Surface), Purse seines, (Midwater)	Number of Vessels: 7, Licenses: 7, Participants: 7, Aquaculture Facilities: 0	High Seas, EEZ, Liberia, (FAO:34 Atlantic Eastern Central, FAO:47 Atlantic Southeast, FAO:41 Atlantic Southwest, FAO:31 Atlantic Western Central)	Dolphin unspecified (UNKNOWN)	Dolphin unspecified (UNKNOWN): 0	ICCAT
Blue shark (Prionace glauca), Shortfin mako (Isurus oxyrinchus)	Longlines (not specified), (Surface)	Number of Vessels: 10, Licenses: 10, Participants: 10, Aquaculture Facilities: 0	High Seas, (FAO:34 Atlantic Eastern Central, FAO:47 Atlantic Southeast, FAO:41 Atlantic Southwest, FAO:31 Atlantic Western Central), pelagic high seas fishery	Dolphin unspecified (UNKNOWN)	Dolphin unspecified (UNKNOWN): UNKNOWN	ICCAT
Herrings/sardines nei (Clupeidae), Jack and horse mackerels nei (Trachurus spp), Mackerels nei (Scombridae), Sardinellas nei (Sardinella spp)	Trawls (not specified), (Midwater)	Number of Vessels: 11, Licenses: 11, Participants: 11, Aquaculture Facilities: 0	EEZ, Angola, Mauritania, Namibia, (FAO:34 Atlantic Eastern Central, FAO:47 Atlantic Southeast), EEZs of Namibia, Mauritania, Angola	Dolphin unspecified (UNKNOWN)	Dolphin unspecified (UNKNOWN): 1	

Benin

Exempt Fisheries

Hard corals/madrepores nei (Scleractinia)	Hand collection	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ of Benin			
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Export Fisheries

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Lobsters nei (Reptantia), Marine crustaceans nei (Crustacea)	Beam trawls, (Midwater), Midwater trawls (not specified), (Pelagic)	UNKNOWN	EEZ,(FAO:34 Atlantic Eastern Central),EEZ of Benin	Dolphin unspecified (UNKNOWN) Humpback whale (UNKNOWN)	Dolphin unspecified (UNKNOWN): UNKNOWN Humpback whale (UNKNOWN): UNKNOWN	

Brazil

Exempt Fisheries						
Groupers nei (Epinephelus spp)	Handlines and hand-operated pole-and-lines, (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Territorial Sea - SOUTHEAST/Exclusive Economic Zone - SOUTHEAST			
Marine fishes nei (Osteichthyes)	Diving (hookah or aided)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Territorial Sea			
Jack and horse mackerels nei (Trachurus spp), Mackerels nei (Scombridae)	Handlines and hand-operated pole-and-lines, (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Territorial Sea - NE (Maranhão to Bahia)			
Albacore (Thunnus alalunga), Bigeye tuna (Thunnus obesus), Swordfish (Xiphias gladius), Various sharks nei (Selachimorpha (Pleurotremata)), Yellowfin tuna (Thunnus albacares)	Handlines and hand-operated pole-and-lines, (Bottom)	UNKNOWN	EEZ,(FAO:41 Atlantic Southwest),Territorial Sea - NE (Maranhão to Bahia)			ICCAT
Croakers nei (Micropogonias spp), Southern red snapper (Lutjanus purpureus)	Handlines and hand-operated pole-and-lines, (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Territorial Sea - NE (Maranhão to Bahia)			
Export Fisheries						
Croakers nei (Micropogonias spp)	Gillnets and entangling nets (not specified), (Bottom)	UNKNOWN	High Seas, EEZ, Brazil, (FAO:41 Atlantic Southwest),Coast of the State of Rio Grande do Sul			
Octopuses nei (Octopus spp)	octopus pots, (Bottom)	UNKNOWN	High Seas, EEZ, Brazil, (FAO:41 Atlantic Southwest),Exclusive economic zone of the South Atlantic of Brazil			

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Octopuses nei (Octopus spp)	octopus pots, (Bottom)	UNKNOWN	High Seas, EEZ, Brazil, (FAO:41 Atlantic Southwest),Territorial Sea - SE/S (from Espírito Santo to Paraná)/Exclusive Economic Zone - SE/S (from Espírito Santo to Paraná)			
Octopuses nei (Octopus spp)	octopus pots, (Bottom)	UNKNOWN	High Seas, EEZ, Brazil, (FAO:41 Atlantic Southwest),Territorial Sea - S (from Santa Catarina to Rio Grande do Sul)/Exclusive Economic Zone - S (from Santa Catarina to Rio Grande do Sul)			
Sardinellas nei (Sardinella spp)	Gillnets and entangling nets (not specified), (Surface)	UNKNOWN	EEZ,(FAO:41 Atlantic Southwest),Territorial Sea - SOUTHEAST/Territorial Sea - SOUTH/Exclusive Economic Zone - SOUTHEAST/Exclusive Economic Zone - SOUTH			
Sardinellas nei (Sardinella spp)	Ring nets, (Midwater)	UNKNOWN	EEZ,(FAO:41 Atlantic Southwest),Territorial Sea - SOUTHEAST/Territorial Sea - SOUTH/Exclusive Economic Zone - SOUTHEAST/Exclusive Economic Zone - SOUTH			
European sprat (Sprattus sprattus), Herrings/sardines nei (Clupeidae), Sardinellas nei (Sardinella spp)	Ring nets, (Midwater)	UNKNOWN	High Seas ,EEZ, Brazil, (FAO:41 Atlantic Southwest),Territorial Sea - SOUTHEAST/Territorial Sea - SOUTH/Exclusive Economic Zone - SOUTHEAST/Exclusive Economic Zone - SOUTH			
Mulletts nei (Mugilidae)	Gillnets and entangling nets (not specified), (Midwater)	UNKNOWN	High Seas, EEZ, Brazil, (FAO:41 Atlantic Southwest),Territorial Sea - SOUTHEAST/Territorial Sea - SOUTH			
Albacore (Thunnus alalunga), Bigeye tuna (Thunnus obesus), Swordfish (Xiphias gladius), Various sharks nei (Selachimorpha (Pleurotremata)), Yellowfin tuna (Thunnus albacares)	Vertical lines, (Midwater)	UNKNOWN	High Seas, EEZ, Brazil, (FAO:41 Atlantic Southwest),International Waters/Territorial Sea/Exclusive Economic Zone			ICCAT

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Catfishes nei (<i>Ictalurus spp</i>), Coco sea catfish (<i>Bagre bagre</i>), Guri sea catfish (<i>Genidens genidens</i>), Madamango sea catfish (<i>Cathorops spixii</i>), Thomas sea catfish (<i>Notarius grandicassis</i>), White sea catfish (<i>Netuma barba</i>)	Longlines (not specified), (Midwater)	UNKNOWN	EEZ,(FAO:41 Atlantic Southwest),International Waters/Territorial Sea/Exclusive Economic Zone			
Catfishes nei (<i>Ictalurus spp</i>), Coco sea catfish (<i>Bagre bagre</i>), Gafftopsail sea catfish (<i>Bagre marinus</i>), Madamango sea catfish (<i>Cathorops spixii</i>), Thomas sea catfish (<i>Notarius grandicassis</i>)	Longlines (not specified), (Demersal)	UNKNOWN	EEZ,(FAO:41 Atlantic Southwest),Territorial Sea - NORTH and EEZ - NORTH (Polygon outlined in Annex I to Ministry of Fishing and Aquaculture and Ministry of the Environment Interministerial Normative Instruction No. 02/2010)			
Redspotted shrimp (<i>Penaeus brasiliensis</i>)	Trawls (not specified), (Bottom)	UNKNOWN	EEZ,(FAO:41 Atlantic Southwest),Territorial Sea - SOUTHEAST/Territorial Sea - SOUTH/Exclusive Economic Zone - SOUTHEAST/Exclusive Economic Zone - SOUTH			
Atlantic seabob (<i>Xiphopenaeus kroyeri</i>), Redspotted shrimp (<i>Penaeus brasiliensis</i>), Southern brown shrimp (<i>Penaeus subtilis</i>)	Dredges (not specified), (Bottom)	UNKNOWN	High Seas, EEZ, Brazil, (FAO:41 Atlantic Southwest),Territorial Sea - N/NE (from Maranhão to Piauí)/Territorial Sea - NORTH/Exclusive Economic Zone - N/NE (from Maranhão to Piauí)/Exclusive Economic			
Atlantic seabob (<i>Xiphopenaeus kroyeri</i>), Southern brown shrimp (<i>Penaeus subtilis</i>)	Dredges (not specified), (Bottom)	UNKNOWN	High Seas, EEZ, Brazil, (FAO:41 Atlantic Southwest),Territorial Sea - N/NE (from Amapá to Piauí)/Exclusive Economic Zone - N/NE (from Amapá to Piauí)			
Atlantic seabob (<i>Xiphopenaeus kroyeri</i>)	Gillnets and entangling nets (not specified), (Bottom)	UNKNOWN	High Seas, EEZ, Brazil, (FAO:41 Atlantic Southwest),Territorial Sea - NE (from Ceará to Bahia)			
Atlantic seabob (<i>Xiphopenaeus kroyeri</i>)	Dredges (not specified), (Bottom)	UNKNOWN	High Seas, EEZ, Brazil, (FAO:41 Atlantic Southwest),Territorial Sea - SOUTHEAST/Territorial Sea - SOUTH/Exclusive Economic Zone - SOUTHEAST/Exclusive Economic Zone - SOUTH			

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Atlantic seabob (<i>Xiphopenaeus kroyeri</i>)	Dredges (not specified), (Bottom)	UNKNOWN	High Seas, EEZ ,Brazil, (FAO:41 Atlantic Southwest),Territorial Sea - SOUTHEAST/Territorial Sea - SOUTH/Exclusive Economic Zone - SOUTHEAST/Exclusive Economic Zone - SOUTH			
Pacific chub mackerel (<i>Scomber japonicus</i>)	Longlines (not specified), (Midwater)	UNKNOWN	High Seas, EEZ, Brazil, (FAO:41 Atlantic Southwest),Territorial Sea - SOUTHEAST/Territorial Sea - SOUTH/Exclusive Economic Zone - SOUTHEAST/Exclusive Economic Zone - SOUTH			
Sea trout (<i>Salmo trutta</i>)	Gillnets and entangling nets (not specified), (Midwater)	UNKNOWN	EEZ,(FAO:41 Atlantic Southwest),Rivers			
Gilded catfish (<i>Zungaro zungaro</i>)	Longlines (not specified), (Demersal)	UNKNOWN	River			
Gilded catfish (<i>Zungaro zungaro</i>), Gilded catfish (<i>Zungaro zungaro</i>)	Gillnets and entangling nets (not specified), (Demersal)	UNKNOWN	Cannel main river			
Lebranche mullet (<i>Mugil liza</i>)	Gillnets and entangling nets (not specified), (Surface)	UNKNOWN	EEZ,(FAO:41 Atlantic Southwest),EEZ - Areembepe, Camaçari-BA			
Coco sea catfish (<i>Bagre bagre</i>)	Gillnets and entangling nets (not specified), (Surface)	UNKNOWN	EEZ,(FAO:41 Atlantic Southwest),FAO Area 41			
Various sharks nei (<i>Selachimorpha (Pleurotremata)</i>)	Trawls (not specified), (Bottom)	UNKNOWN	EEZ,(FAO:41 Atlantic Southwest),none provided			
Various sharks nei (<i>Selachimorpha (Pleurotremata)</i>)	Longlines (not specified), (Surface)	UNKNOWN	EEZ,(FAO:41 Atlantic Southwest),none provided			
Various sharks nei (<i>Selachimorpha (Pleurotremata)</i>)	Other (Please Specify) Crab Capture, (Bottom)	UNKNOWN	High Seas, EEZ, Brazil, (FAO:41 Atlantic Southwest),FAO Area 41			
Various sharks nei (<i>Selachimorpha (Pleurotremata)</i>)	Seine nets (not specified), (Midwater)	UNKNOWN	EEZ,(FAO:41 Atlantic Southwest),none provided			
Various sharks nei (<i>Selachimorpha (Pleurotremata)</i>)	Longlines (not specified), (Surface)	UNKNOWN	EEZ,(FAO:41 Atlantic Southwest),none provided			

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Salmonids nei (Salmonidae)	Unknown/Gear not known/Not provided, (Surface)	UNKNOWN	River			
Butterfishes nei (Stromateus spp)	Unknown/Gear not known/Not provided, (Midwater)	UNKNOWN	EEZ,(FAO:41 Atlantic Southwest),none provided			
Lebranche mullet (Mugil liza)	Unknown/Gear not known/Not provided, (Surface)	UNKNOWN	EEZ,(FAO:41 Atlantic Southwest),none provided			
Cobia (Rachycentron canadum)	Unknown/Gear not known/Not provided, (Pelagic)	UNKNOWN	EEZ,(FAO:41 Atlantic Southwest),none provided			
Brazilian flounder (Paralichthys brasiliensis)	Trawls (not specified), (Bottom)	UNKNOWN	EEZ,(FAO:41 Atlantic Southwest),none provided			
Atlantic redfishes nei (Sebastes spp)	Unknown/Gear not known/Not provided, (Midwater)	UNKNOWN	EEZ,(FAO:41 Atlantic Southwest),none provided			
Marine fishes nei (Osteichthyes)	Unknown/Gear not known/Not provided, (Pelagic)	UNKNOWN	EEZ,(FAO:41 Atlantic Southwest),none provided			
Sea cucumbers nei (Holothuroidea)	Unknown/Gear not known/Not provided, (Bottom)	UNKNOWN	EEZ,(FAO:41 Atlantic Southwest),none provided			
Swordfish (Xiphias gladius)	Longlines (not specified), (Surface)	UNKNOWN	High Seas, EEZ, Brazil, (FAO:41 Atlantic Southwest),International Waters/Territorial Sea/Exclusive Economic Zone			ICCAT
Groupers nei (Epinephelus spp)	Longlines (not specified), (Bottom)	UNKNOWN	High Seas, EEZ, Brazil, (FAO:41 Atlantic Southwest),Territorial Sea - SOUTHEAST/Territorial Sea - SOUTH/Exclusive Economic Zone - SOUTHEAST/Exclusive Economic Zone - SOUTH			
Caribbean spiny lobster (Panulirus argus), Marine crabs nei (Brachyura), Marine crustaceans nei (Crustacea), Rock lobsters nei (Jasus spp), Spiny lobsters nei (Palinuridae)	Pots/traps, (Bottom)	UNKNOWN	High Seas, EEZ, Brazil, (FAO:41 Atlantic Southwest),Territorial Sea - N/NE/SE (from Amapá to Espírito Santo)/Exclusive Economic Zone - N/NE/SE (from Amapá to Espírito Santo)			

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Caribbean spiny lobster (<i>Panulirus argus</i>), Marine crabs nei (<i>Brachyura</i>), Marine crustaceans nei (<i>Crustacea</i>), Spiny lobsters nei (<i>Palinuridae</i>)	Pots/traps, (Bottom)	UNKNOWN	EEZ,(FAO:41 Atlantic Southwest),Territorial Sea - N/NE/SE (from Amapá to Espírito Santo)/Exclusive Economic Zone - N/NE/SE (from Amapá to Espírito Santo)			
Caribbean spiny lobster (<i>Panulirus argus</i>), Marine crabs nei (<i>Brachyura</i>), Marine crustaceans nei (<i>Crustacea</i>), Spiny lobsters nei (<i>Palinuridae</i>)	Pots/traps, (Bottom)	UNKNOWN	EEZ,(FAO:41 Atlantic Southwest),Territorial Sea - N/NE/SE (from Amapá to Espírito Santo)/Exclusive Economic Zone - N/NE/SE (from Amapá to Espírito Santo)			
Caribbean spiny lobster (<i>Panulirus argus</i>), Marine crabs nei (<i>Brachyura</i>), Marine crustaceans nei (<i>Crustacea</i>)	Pots/traps, (Bottom)	UNKNOWN	High Seas, EEZ, Brazil,(FAO:41 Atlantic Southwest),Territorial Sea - N/NE/SE (from Amapá to Espírito Santo)/Exclusive Economic Zone - N/NE/SE (from Amapá to Espírito Santo)			
Croakers nei (<i>Micropogonias</i> spp), Southern red snapper (<i>Lutjanus purpureus</i>)	Ring nets, (Midwater)	UNKNOWN	High Seas, EEZ, Brazil, (FAO:41 Atlantic Southwest),Territorial Sea - SOUTHEAST/Territorial Sea - SOUTH/Exclusive Economic Zone - SOUTHEAST/Exclusive Economic Zone - SOUTH			
Croakers nei (<i>Micropogonias</i> spp), Southern red snapper (<i>Lutjanus purpureus</i>)	Gillnets and entangling nets (not specified), (Bottom)	UNKNOWN	High Seas, EEZ, Brazil, (FAO:41 Atlantic Southwest),Territorial Sea - N/NE (from Amapá to Alagoas)/Exclusive Economic Zone - N/NE (Amapá to Alagoas)			
Croakers nei (<i>Micropogonias</i> spp), Southern red snapper (<i>Lutjanus purpureus</i>)	Gillnets and entangling nets (not specified), (Bottom)	UNKNOWN	High Seas, EEZ, Brazil, (FAO:41 Atlantic Southwest),Territorial Sea - N/NE (from Amapá to Alagoas)/Exclusive Economic Zone - N/NE (Amapá to Alagoas)			
Croakers nei (<i>Micropogonias</i> spp), Southern red snapper (<i>Lutjanus purpureus</i>)	Gillnets and entangling nets (not specified), (Surface)	UNKNOWN	EEZ,(FAO:41 Atlantic Southwest),Territorial Sea - N/NE (from Amapá to Alagoas)/Exclusive Economic Zone - N/NE (Amapá to Alagoas)			

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Blackfin goosefish (<i>Lophius gastrophysus</i>)	Gillnets and entangling nets (not specified), (Bottom)	UNKNOWN	High Seas, EEZ, Brazil, (FAO:41 Atlantic Southwest), Exclusive Economic Zone - SOUTHEAST (depths of over 820 ft.)/Exclusive Economic Zone - SOUTH (depths of over 820 ft.)			
Croakers nei (<i>Micropogonias</i> spp), Grey snapper (<i>Lutjanus griseus</i>), King weakfish (<i>Macrodon ancylodon</i>), Smooth weakfish (<i>Cynoscion leiarchus</i>)	Gillnets and entangling nets (not specified), (Surface)	UNKNOWN	EEZ, (FAO:41 Atlantic Southwest), Territorial Sea - NORTH and EEZ - NORTH (Polygon outlined in Annex I to Ministry of Fishing and Aquaculture and Ministry of the Environment Interministerial Normative Instruction No. 02/2010)			
Croakers nei (<i>Micropogonias</i> spp), Grey snapper (<i>Lutjanus griseus</i>)	Gillnets and entangling nets (not specified), (Bottom)	UNKNOWN	High Seas, EEZ, Brazil, (FAO:41 Atlantic Southwest), Territorial Sea - N/NE (Amapá to Maranhão)/Exclusive Economic Zone - N/NE (Amapá to Maranhão)			
Croakers nei (<i>Micropogonias</i> spp), King weakfish (<i>Macrodon ancylodon</i>)	Gillnets and entangling nets (not specified), (Bottom)	UNKNOWN	EEZ, (FAO:41 Atlantic Southwest), Territorial Sea - N/NE (Amapá to Maranhão)/Exclusive Economic Zone - N/NE (Amapá to Maranhão)			

British Virgin Islands

Export Fisheries						
Lobsters nei (<i>Reptantia</i>)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	BVI EEZ			
Marine fishes nei (<i>Osteichthyes</i>)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	BVI EEZ			
Tunas nei (<i>Thunnini</i>)	Longlines (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	BVI EEZ			ICCAT

Brunei

Exempt Fisheries						
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Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Blue shrimp (<i>Penaeus stylirostris</i>), marine shrimps nei	Aquaculture (ponds)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	None provided			
Snubnose pompano (<i>Trachinotus blochii</i>)	Aquaculture (cages, net pens)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Offshore			

Export Fisheries						
Bigeye tuna (<i>Thunnus obesus</i>), Yellowfin tuna (<i>Thunnus albacares</i>)	Pole and Lines, (Midwater), Purse seines, (Pelagic)	Number of Vessels: 9, Licenses: 9, Participants: none provided, Aquaculture Facilities: none provided	High Seas,EEZ,(FAO:71 Pacific Western Central),Zone 3 & 4 (20-200nm)			APFIC

Bulgaria

Export Fisheries						
Sea snails (<i>Rapana</i> spp), Veined rapa whelk (<i>Rapana venosa</i>)	Beam trawls, (Bottom), Diving (SCUBA and/or free-diving), (Bottom)	Number of Vessels: 190-246, Licenses: none provided, Participants: 324-416, Aquaculture Facilities: n/a	EEZ,(FAO:37 Mediterranean and Black Sea),Black Sea (FAO fishing area 37.4.2) April through November	Common bottlenose dolphin (STOCK NOT SPECIFIED) Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED) Harbor porpoise (STOCK NOT SPECIFIED)	Common bottlenose dolphin (STOCK NOT SPECIFIED): UNKNOWN Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED): UNKNOWN Harbor porpoise (STOCK NOT SPECIFIED): UNKNOWN	GFCM

Cameroon

Export Fisheries						
Catfishes nei (<i>Ictalurus</i> spp), Groundfishes nei (<i>Osteichthyes</i>), Haddock (<i>Melanogrammus aeglefinus</i>), Hakes nei (<i>Merluccius</i> spp), Northern cods nei (<i>Gadus</i> spp), Saithe(=Pollock) (<i>Pollachius virens</i>), Soles nei (<i>Soleidae</i>), Tusk(=Cusk) (<i>Brosme brosme</i>)	Gillnets and entangling nets (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	FAO Area 34 - coastal Cameroon	Atlantic humpback dolphin (STOCK NOT SPECIFIED) Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED) Humpback whale (STOCK NOT SPECIFIED) Sperm whale, cachalot (STOCK NOT SPECIFIED) Striped dolphin (STOCK NOT SPECIFIED)	Atlantic humpback dolphin (STOCK NOT SPECIFIED): NOT PROVIDED Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED): NOT PROVIDED Humpback whale (STOCK NOT SPECIFIED): NOT PROVIDED Sperm whale, cachalot (STOCK NOT SPECIFIED): NOT PROVIDED Striped dolphin (STOCK NOT SPECIFIED): NOT PROVIDED	
marine shrimps nei	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			
Herrings/sardines nei (<i>Clupeidae</i>), Jack and horse mackerels nei (<i>Trachurus</i> spp), Mackerels nei (<i>Scombridae</i>)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	China, None provided			

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Pelagic fishes nei (Osteichthyes)	Longlines (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Cameroon region	Dugong (STOCK NOT SPECIFIED)	Dugong (STOCK NOT SPECIFIED): NOT PROVIDED	
Flat and cupped oysters nei (Ostreidae), Marine crustaceans nei (Crustacea), Royal spiny lobster (Panulirus regius), Sea mussels nei (Mytilidae), Sea snails (Rapana spp)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			

Canada

Exempt Fisheries

American eel (Anguilla rostrata)	Pots/traps, (Bottom)	Number of Vessels: none provided, Licenses: 280, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),Maritimes Region. Inland waters and shallow estuaries	Gray seal (Western North Atlantic) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic)	Gray seal (Western North Atlantic): NOT PROVIDED Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): NOT PROVIDED Harp seal (Western North Atlantic): NOT PROVIDED Hooded seal (Western North Atlantic): NOT PROVIDED	
River eels nei (Anguilla spp)	dip nets, (Midwater), trap nets/stationary nets, (Midwater)	Number of Vessels: none provided, Licenses: 9, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),Maritimes Region. Inland waters and shallow estuaries.	Gray seal (Western North Atlantic) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic)	Gray seal (Western North Atlantic): NOT PROVIDED Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): NOT PROVIDED Harp seal (Western North Atlantic): NOT PROVIDED Hooded seal (Western North Atlantic): NOT PROVIDED	
Clams/etc. nei (Bivalvia)	Hand Implements (not specified), (Bottom), Rakes, (Bottom), Tongs, (Bottom)	Number of Vessels: none provided, Licenses: 1110, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.4.R, 21.4.S, 21.4.T,Maritimes Region			

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Clams/etc. nei (Bivalvia)	Hand Implements (not specified), (Bottom), Mechanized dredges, (Bottom), Rakes, (Bottom), Tongs, (Bottom)	Number of Vessels: 56, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.4.R, 21.4.S, 21.4.T,Gulf Region (ENB, NS, PEI)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Beluga, white whale (St. Lawrence Estuary) Blue whale (Western North Atlantic) Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (Northwest Atlantic/Eastern Arctic) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Beluga, white whale (St. Lawrence Estuary): NOT PROVIDED Blue whale (Western North Atlantic): NOT PROVIDED Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Common minke whale (Atlantic Canada and Eastern Arctic): NOT PROVIDED Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): NOT PROVIDED Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Gray seal (Western North Atlantic): NOT PROVIDED Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): NOT PROVIDED Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): NOT PROVIDED Harp seal (Western North Atlantic): NOT PROVIDED Hooded seal (Western North Atlantic): NOT PROVIDED Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Killer whale, orca (Northwest Atlantic/Eastern Arctic): NOT PROVIDED Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED North Atlantic right whale (Western North Atlantic): NOT PROVIDED Northern bottlenose whale (Scotian Shelf): NOT PROVIDED Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): NOT PROVIDED Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): NOT PROVIDED Sowerby's beaked whale (Western North Atlantic): NOT PROVIDED Sperm whale, cachalot (Western North Atlantic): NOT PROVIDED White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED	
Arctic surfclam (Mactromeris polynyma)	Rakes, (Bottom), Tongs, (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: 0, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),Newfoundland and Labrador Region	Common minke whale (Atlantic Canada and Eastern Arctic) Gray seal (Western North Atlantic) Harbor porpoise (Newfoundland) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Ringed seal (Arctic & Labrador)	Common minke whale (Atlantic Canada and Eastern Arctic): NOT PROVIDED Gray seal (Western North Atlantic): NOT PROVIDED Harbor porpoise (Newfoundland): NOT PROVIDED Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): NOT PROVIDED Harp seal (Western North Atlantic): NOT PROVIDED Hooded seal (Western North Atlantic): NOT PROVIDED Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Ringed seal (Arctic & Labrador): NOT PROVIDED	
Seaweeds nei (Algae)	Hand Implements (not specified), (Surface), Rakes, (Surface), Tongs, (Surface)	Number of Vessels: none provided, Licenses: 782, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),Maritimes Region (most active SWNB and SWNS)			

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Seaweeds nei (Algae)	Hand Implements (not specified), (Surface), Rakes, (Surface), Tongs, (Surface)	Number of Vessels: non-vessel based, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.4.R, 21.4.S, 21.4.T,Gulf Region (ENB, NS, PEI)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Beluga, white whale (St. Lawrence Estuary) Blue whale (Western North Atlantic) Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (Northwest Atlantic/Eastern Arctic) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Beluga, white whale (St. Lawrence Estuary): NOT PROVIDED Blue whale (Western North Atlantic): NOT PROVIDED Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Common minke whale (Atlantic Canada and Eastern Arctic): NOT PROVIDED Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): NOT PROVIDED Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Gray seal (Western North Atlantic): NOT PROVIDED Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): NOT PROVIDED Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): NOT PROVIDED Harp seal (Western North Atlantic): NOT PROVIDED Hooded seal (Western North Atlantic): NOT PROVIDED Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Killer whale, orca (Northwest Atlantic/Eastern Arctic): NOT PROVIDED Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED North Atlantic right whale (Western North Atlantic): NOT PROVIDED Northern bottlenose whale (Scotian Shelf): NOT PROVIDED Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): NOT PROVIDED Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): NOT PROVIDED Sowerby's beaked whale (Western North Atlantic): NOT PROVIDED Sperm whale, cachalot (Western North Atlantic): NOT PROVIDED White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED	
Flat and cupped oysters nei (Ostreidae)	Hand Implements (not specified), (Bottom), Rakes, (Bottom), Tongs, (Bottom)	Number of Vessels: 38, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.4.R, 21.4.S, 21.4.T,Gulf Region (ENB, NS, PEI)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Beluga, white whale (St. Lawrence Estuary) Blue whale (Western North Atlantic) Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (Northwest Atlantic/Eastern Arctic) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Beluga, white whale (St. Lawrence Estuary): NOT PROVIDED Blue whale (Western North Atlantic): NOT PROVIDED Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Common minke whale (Atlantic Canada and Eastern Arctic): NOT PROVIDED Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): NOT PROVIDED Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Gray seal (Western North Atlantic): NOT PROVIDED Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): NOT PROVIDED Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): NOT PROVIDED Harp seal (Western North Atlantic): NOT PROVIDED Hooded seal (Western North Atlantic): NOT PROVIDED Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Killer whale, orca (Northwest Atlantic/Eastern Arctic): NOT PROVIDED Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED North Atlantic right whale (Western North Atlantic): NOT PROVIDED Northern bottlenose whale (Scotian Shelf): NOT PROVIDED Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): NOT PROVIDED Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): NOT PROVIDED Sowerby's beaked whale (Western North Atlantic): NOT PROVIDED Sperm whale, cachalot (Western North Atlantic): NOT PROVIDED White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED	

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Atlantic cod (<i>Gadus morhua</i>), White hake (<i>Urophycis tenuis</i>)	Handlines and hand-operated pole-and-lines, (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: 507, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.2.G, 21.2.H, 21.2.J, 21.3.K, 21.3.L, 21.3.M, 21.3.N, 21.3.O,Newfoundland and Labrador Region (2+3KLMNO)	Common minke whale (Atlantic Canada and Eastern Arctic) Gray seal (Western North Atlantic) Harbor porpoise (Newfoundland) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Ringed seal (Arctic & Labrador)	Common minke whale (Atlantic Canada and Eastern Arctic): NOT PROVIDED Gray seal (Western North Atlantic): NOT PROVIDED Harbor porpoise (Newfoundland): NOT PROVIDED Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): NOT PROVIDED Harp seal (Western North Atlantic): NOT PROVIDED Hooded seal (Western North Atlantic): NOT PROVIDED Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Ringed seal (Arctic & Labrador): NOT PROVIDED	NAFO
American sea scallop (<i>Placopecten magellanicus</i>), Iceland scallop (<i>Chlamys islandica</i>)	Dredges (not specified), (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: 39, Aquaculture Facilities: none provided	EEZ,France,(FAO:21 Atlantic Northwest),21.2.G, 21.2.H, 21.2.J, 21.3.K, 21.3.L, 21.3.M, 21.3.N, 21.3.O, 21.3.P.s, 21.4.R,Newfoundland and Labrador Region (2+3KLMNO, 3Ps, 4R)	Common minke whale (Atlantic Canada and Eastern Arctic) Gray seal (Western North Atlantic) Harbor porpoise (Newfoundland) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Ringed seal (Arctic & Labrador)	Common minke whale (Atlantic Canada and Eastern Arctic): NOT PROVIDED Gray seal (Western North Atlantic): NOT PROVIDED Harbor porpoise (Newfoundland): NOT PROVIDED Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): NOT PROVIDED Harp seal (Western North Atlantic): NOT PROVIDED Hooded seal (Western North Atlantic): NOT PROVIDED Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Ringed seal (Arctic & Labrador): NOT PROVIDED	
Cucumaria frondosa (<i>Cucumaria frondosa</i>), Sea cucumbers nei (<i>Holothuroidea</i>)	Dredges (not specified), (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: 49, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.3.P.s,Newfoundland and Labrador Region 3Ps	Common minke whale (Atlantic Canada and Eastern Arctic) Gray seal (Western North Atlantic) Harbor porpoise (Newfoundland) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Common minke whale (Atlantic Canada and Eastern Arctic): NOT PROVIDED Gray seal (Western North Atlantic): NOT PROVIDED Harbor porpoise (Newfoundland): NOT PROVIDED Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): NOT PROVIDED Harp seal (Western North Atlantic): NOT PROVIDED Hooded seal (Western North Atlantic): NOT PROVIDED Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED	
Sea urchins/etc. nei (<i>Echinoidea</i>)	Diving (not specified), (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: 16, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.2.G, 21.2.H, 21.2.J, 21.3.K, 21.3.L, 21.3.P.n, 21.3.P.s, 21.4.R,Newfoundland and Labrador Region	Common minke whale (Atlantic Canada and Eastern Arctic) Gray seal (Western North Atlantic) Harbor porpoise (Newfoundland) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Ringed seal (Arctic & Labrador)	Common minke whale (Atlantic Canada and Eastern Arctic): NOT PROVIDED Gray seal (Western North Atlantic): NOT PROVIDED Harbor porpoise (Newfoundland): NOT PROVIDED Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): NOT PROVIDED Harp seal (Western North Atlantic): NOT PROVIDED Hooded seal (Western North Atlantic): NOT PROVIDED Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Ringed seal (Arctic & Labrador): NOT PROVIDED	
Atlantic cod (<i>Gadus morhua</i>)	Handlines and hand-operated pole-and-lines, (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: 186, Aquaculture Facilities: none provided	EEZ,France,(FAO:21 Atlantic Northwest),21.3.P.s,Newfoundland and Labrador Region (3Ps)	Common minke whale (Atlantic Canada and Eastern Arctic) Harbor porpoise (Newfoundland) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Common minke whale (Atlantic Canada and Eastern Arctic): NOT PROVIDED Harbor porpoise (Newfoundland): NOT PROVIDED Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): NOT PROVIDED Harp seal (Western North Atlantic): NOT PROVIDED Hooded seal (Western North Atlantic): NOT PROVIDED Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED	

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
American eel (<i>Anguilla rostrata</i>)	Pots/traps, (Bottom), Spears, (Bottom)	Number of Vessels: 70, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.4.R, 21.4.S, 21.4.T,Gulf Region (ENB, NS, PEI)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Beluga, white whale (St. Lawrence Estuary) Blue whale (Western North Atlantic) Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (Northwest Atlantic/Eastern Arctic) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Beluga, white whale (St. Lawrence Estuary): NOT PROVIDED Blue whale (Western North Atlantic): NOT PROVIDED Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Common minke whale (Atlantic Canada and Eastern Arctic): NOT PROVIDED Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): NOT PROVIDED Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Gray seal (Western North Atlantic): NOT PROVIDED Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): NOT PROVIDED Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): NOT PROVIDED Harp seal (Western North Atlantic): NOT PROVIDED Hooded seal (Western North Atlantic): NOT PROVIDED Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Killer whale, orca (Northwest Atlantic/Eastern Arctic): NOT PROVIDED Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED North Atlantic right whale (Western North Atlantic): NOT PROVIDED Northern bottlenose whale (Scotian Shelf): NOT PROVIDED Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): NOT PROVIDED Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): NOT PROVIDED Sowerby's beaked whale (Western North Atlantic): NOT PROVIDED Sperm whale, cachalot (Western North Atlantic): NOT PROVIDED White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED	
Leaf barnacle (<i>Pollicipes polymerus</i>)	Hand Implements (not specified), (Surface)	Number of Vessels: none provided, Licenses: 1, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:67 Pacific Northeast),Pacific Region (intertidal zone in Clayoquot Sound)	California sea lion (Pacific) Dall's porpoise, Dall porpoise (California/Oregon/Washington) Gray whale (Pacific) Harbor porpoise (Pacific coast of Canada) Harbor seal, common seal (Pacific coast stock delineation in CAN unknown) Northern elephant seal (California Breeding) Sea otter (Pacific Coast of Canada) Steller sea lion, northern sea lion (Pacific)	California sea lion (Pacific): NOT PROVIDED Dall's porpoise, Dall porpoise (California/Oregon/Washington): NOT PROVIDED Gray whale (Pacific): NOT PROVIDED Harbor porpoise (Pacific coast of Canada): NOT PROVIDED Harbor seal, common seal (Pacific coast stock delineation in CAN unknown): NOT PROVIDED Northern elephant seal (California Breeding): NOT PROVIDED Sea otter (Pacific Coast of Canada): NOT PROVIDED Steller sea lion, northern sea lion (Pacific): NOT PROVIDED	

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Chinook(=Spring=King) salmon (Oncorhynchus tshawytscha), Chum(=Keta=Dog) salmon (Oncorhynchus keta), Coho(=Silver) salmon (Oncorhynchus kisutch), Pink(=Humpback) salmon (Oncorhynchus gorbuscha), Sockeye(=Red) salmon (Oncorhynchus nerka)	Trolling lines, (Surface)	Number of Vessels: none provided, Licenses: 432 - not all active, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:67 Pacific Northeast),Pacific Region (– Areas 11, 20 to 27, 111, 121, 123 to 127 and Subareas 12-5 to 12-16)Pacific Region (– Areas 1 to 10, 101 to 110, 130 and 142)Pacific Region (– Areas 12 to 19, 28 and 29)	Baird’s beaked whale (California/Oregon/Washington) Blue whale (Eastern North Pacific) California sea lion (Pacific) Common minke whale (California/Oregon/Washington) Cuvier’s beaked whale, goose-beaked whale (California/Oregon/Washington) Dall’s porpoise, Dall porpoise (California/Oregon/Washington) Fin whale (Northeast Pacific) Gray whale (Pacific) Harbor porpoise (Pacific coast of Canada) Harbor seal, common seal (Pacific coast stock delineation in CAN unknown) Humpback whale (California/Oregon/Washington) Killer whale, orca (Pacific - Bigg’s (Transient)) Northern elephant seal (California Breeding) Northern fur seal (Eastern Pacific)Northern right-whale dolphin (California/Oregon/Washington) Pacific white-sided dolphin (California/Oregon/Washington)Risso’s dolphin, grampus (California/Oregon/Washington) Sea otter (Pacific Coast of Canada) Sei whale (Eastern North Pacific) Short-finned pilot whale (California/Oregon/Washington) Sperm whale, cachalot (California/Oregon/Washington) Steller sea lion, northern sea lion (Pacific)	Baird’s beaked whale (California/Oregon/Washington): NOT PROVIDED Blue whale (Eastern North Pacific): NOT PROVIDED California sea lion (Pacific): NOT PROVIDED Common minke whale (California/Oregon/Washington): NOT PROVIDED Cuvier’s beaked whale, goose-beaked whale (California/Oregon/Washington): NOT PROVIDED Dall’s porpoise, Dall porpoise (California/Oregon/Washington): NOT PROVIDED Fin whale (Northeast Pacific): NOT PROVIDED Gray whale (Pacific): NOT PROVIDED Harbor porpoise (Pacific coast of Canada): NOT PROVIDED Harbor seal, common seal (Pacific coast stock delineation in CAN unknown): NOT PROVIDED Humpback whale (California/Oregon/Washington): NOT PROVIDED Killer whale, orca (Pacific - Bigg’s (Transient)): NOT PROVIDED Northern elephant seal (California Breeding): NOT PROVIDED Northern fur seal (Eastern Pacific): NOT PROVIDED Northern right-whale dolphin (California/Oregon/Washington): NOT PROVIDED Pacific white-sided dolphin (California/Oregon/Washington): NOT PROVIDED Risso’s dolphin, grampus (California/Oregon/Washington): NOT PROVIDED Sea otter (Pacific Coast of Canada): NOT PROVIDED Sei whale (Eastern North Pacific): NOT PROVIDED Short-finned pilot whale (California/Oregon/Washington): NOT PROVIDED Sperm whale, cachalot (California/Oregon/Washington): NOT PROVIDED Steller sea lion, northern sea lion (Pacific): NOT PROVIDED	
Alewife (Alosa pseudoharengus)	trap nets/stationary nets, (Midwater)	Number of Vessels: 36, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.4.R, 21.4.S, 21.4.T,Gulf Region (ENB, NS, PEI)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Beluga, white whale (St. Lawrence Estuary) Blue whale (Western North Atlantic) Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier’s beaked whale, goose-beaked whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (Northwest Atlantic/Eastern Arctic) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Risso’s dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Sowerby’s beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Beluga, white whale (St. Lawrence Estuary): NOT PROVIDED Blue whale (Western North Atlantic): NOT PROVIDED Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Common minke whale (Atlantic Canada and Eastern Arctic): NOT PROVIDED Cuvier’s beaked whale, goose-beaked whale (Western North Atlantic): NOT PROVIDED Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Gray seal (Western North Atlantic): NOT PROVIDED Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): NOT PROVIDED Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): NOT PROVIDED Harp seal (Western North Atlantic): NOT PROVIDED Hooded seal (Western North Atlantic): NOT PROVIDED Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Killer whale, orca (Northwest Atlantic/Eastern Arctic): NOT PROVIDED Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED North Atlantic right whale (Western North Atlantic): NOT PROVIDED Northern bottlenose whale (Scotian Shelf): NOT PROVIDED Risso’s dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): NOT PROVIDED Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): NOT PROVIDED Sowerby’s beaked whale (Western North Atlantic): NOT PROVIDED Sperm whale, cachalot (Western North Atlantic): NOT PROVIDED White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED	

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Green sea urchin (<i>Psammechinus microtuberculatus</i>)	Diving (not specified), (Bottom)	Number of Vessels: none provided, Licenses: 15, 7 active in 2018, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.4.S, 21.4.T,Quebec Region (1, 2, 3, 4, 5, 6, 7, 8, 9, 9-1,10, 11,12)	Atlantic bearded seal (Arctic/Labrador) Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Beluga, white whale (St. Lawrence Estuary) Blue whale (Western North Atlantic) Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Common minke whale (Atlantic Canada and Eastern Arctic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (UNKNOWN) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Ringed seal (Arctic & Labrador) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Sperm whale, cachalot (Western North Atlantic) Striped dolphin (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic bearded seal (Arctic/Labrador): NOT PROVIDED Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Beluga, white whale (St. Lawrence Estuary): NOT PROVIDED Blue whale (Western North Atlantic): NOT PROVIDED Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Common minke whale (Atlantic Canada and Eastern Arctic): NOT PROVIDED Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Gray seal (Western North Atlantic): NOT PROVIDED Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): NOT PROVIDED Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): NOT PROVIDED Harp seal (Western North Atlantic): NOT PROVIDED Hooded seal (Western North Atlantic): NOT PROVIDED Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Killer whale, orca (UNKNOWN): NOT PROVIDED Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED North Atlantic right whale (Western North Atlantic): NOT PROVIDED Ringed seal (Arctic & Labrador): NOT PROVIDED Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): NOT PROVIDED Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): NOT PROVIDED Sperm whale, cachalot (Western North Atlantic): NOT PROVIDED Striped dolphin (Western North Atlantic): NOT PROVIDED White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED	
Atlantic mackerel (<i>Scomber scombrus</i>), Herrings/sardines nei (<i>Clupeidae</i>)	Barriers, fences, weirs, etc., (Pelagic), Beach seines, (Pelagic), Other (Please Specify shut-off / stop seine, (Pelagic), trap nets/stationary nets, (Pelagic)	Number of Vessels: none provided, Licenses: 30, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),Maritimes Region (Bay of Fundy)	Blainville's beaked whale (Western North Atlantic) Blue whale (Western North Atlantic) Common bottlenose dolphin (Western North Atlantic) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Dwarf sperm whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Pygmy sperm whale (Western North Atlantic) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Short-finned pilot whale (Western North Atlantic) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) Striped dolphin (Western North Atlantic) True's beaked whale (Western North Atlantic)	Blainville's beaked whale (Western North Atlantic): NOT PROVIDED Blue whale (Western North Atlantic): NOT PROVIDED Common bottlenose dolphin (Western North Atlantic): NOT PROVIDED Common minke whale (Atlantic Canada and Eastern Arctic): NOT PROVIDED Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): NOT PROVIDED Dwarf sperm whale (Western North Atlantic): NOT PROVIDED Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Gray seal (Western North Atlantic): NOT PROVIDED Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): NOT PROVIDED Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): NOT PROVIDED Harp seal (Western North Atlantic): NOT PROVIDED Hooded seal (Western North Atlantic): NOT PROVIDED Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED North Atlantic right whale (Western North Atlantic): NOT PROVIDED Northern bottlenose whale (Scotian Shelf): NOT PROVIDED Pygmy sperm whale (Western North Atlantic): NOT PROVIDED Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): NOT PROVIDED Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): NOT PROVIDED Short-finned pilot whale (Western North Atlantic): NOT PROVIDED Sowerby's beaked whale (Western North Atlantic): NOT PROVIDED Sperm whale, cachalot (Western North Atlantic): NOT PROVIDED Striped dolphin (Western North Atlantic): NOT PROVIDED True's beaked whale (Western North Atlantic): NOT PROVIDED	
American shad (<i>Alosa sapidissima</i>)	Barriers, fences, weirs, etc., (Surface), trap nets/stationary nets, (Surface)	UNKNOWN	EEZ,(FAO:21 Atlantic Northwest),Maritimes Region (NS, NB)			

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Longfin squid (<i>Loligo pealeii</i>), Northern shortfin squid (<i>Illex illecebrosus</i>)	Jig, (Midwater)	Number of Vessels: none provided, Licenses: none provided, Participants: 285, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.2.G, 21.2.H, 21.2.J, 21.3.K, 21.3.L, 21.3.P.n, 21.3.P.s, 21.4.R,Newfoundland and Labrador Region (1-14)	Common minke whale (Atlantic Canada and Eastern Arctic) Gray seal (Western North Atlantic) Harbor porpoise (Newfoundland) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Ringed seal (Arctic & Labrador)	Common minke whale (Atlantic Canada and Eastern Arctic): NOT PROVIDED Gray seal (Western North Atlantic): NOT PROVIDED Harbor porpoise (Newfoundland): NOT PROVIDED Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): NOT PROVIDED Harp seal (Western North Atlantic): NOT PROVIDED Hooded seal (Western North Atlantic): NOT PROVIDED Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Ringed seal (Arctic & Labrador): NOT PROVIDED	
Pacific halibut (<i>Hippoglossus stenolepis</i>)	Hooks and lines (not specified), (Demersal)	Number of Vessels: 156, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:67 Pacific Northeast),Pacific Region (Areas 1 to 11, 21, 23 to 27, 101 to 111, 121, 123 to 127, 130, 142, Subarea 12-14, 12-1 to 12-13, 12-15 to 12-48, 19-3 to 19-5 and Area 20)	Baird's beaked whale (California/Oregon/Washington) Blue whale (Eastern North Pacific) California sea lion (Pacific) Common minke whale (California/Oregon/Washington) Cuvier's beaked whale, goose-beaked whale (California/Oregon/Washington) Dall's porpoise, Dall porpoise (California/Oregon/Washington) Fin whale (California/Oregon/Washington) Gray whale (Pacific) Harbor porpoise (Pacific coast of Canada) Harbor seal, common seal (Pacific coast stock delineation in CAN unknown) Humpback whale (California/Oregon/Washington) Killer whale, orca (Pacific - Bigg's (Transient)) Killer whale, orca (Pacific - Northern Resident) Killer whale, orca (Pacific - Offshore) Killer whale, orca (Pacific - Southern Resident) Northern elephant seal (California Breeding) Northern fur seal (Eastern Pacific) Northern right-whale dolphin (California/Oregon/Washington) Pacific white-sided dolphin (California/Oregon/Washington) Risso's dolphin, grampus (California/Oregon/Washington) Sea otter (Pacific Coast of Canada) Sperm whale, cachalot (California/Oregon/Washington) Steller sea lion, northern sea lion (Pacific) Whale unspecified (STOCK NOT SPECIFIED)	Baird's beaked whale (California/Oregon/Washington): 0 Blue whale (Eastern North Pacific): 0 California sea lion (Pacific): 0 Common minke whale (California/Oregon/Washington): 0 Cuvier's beaked whale, goose-beaked whale (California/Oregon/Washington): 0 Dall's porpoise, Dall porpoise (California/Oregon/Washington): 0 Fin whale (California/Oregon/Washington): 0 Gray whale (Pacific): 0 Harbor porpoise (Pacific coast of Canada): 0 Harbor seal, common seal (Pacific coast stock delineation in CAN unknown): 0 Humpback whale (California/Oregon/Washington): 0 Killer whale, orca (Pacific - Bigg's (Transient)): 0 Killer whale, orca (Pacific - Northern Resident): 0 Killer whale, orca (Pacific - Offshore): 0 Killer whale, orca (Pacific - Southern Resident): 0 Northern elephant seal (California Breeding): 0 Northern fur seal (Eastern Pacific): 0 Northern right-whale dolphin (California/Oregon/Washington): 0 Pacific white-sided dolphin (California/Oregon/Washington): 0 Risso's dolphin, grampus (California/Oregon/Washington): 0 Sea otter (Pacific Coast of Canada): 0 Sperm whale, cachalot (California/Oregon/Washington): 0 Steller sea lion, northern sea lion (Pacific): 0 Whale unspecified (STOCK NOT SPECIFIED): .2	

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Albacore (Thunnus alalunga), Atlantic bluefin tuna (Thunnus thynnus), Bigeye tuna (Thunnus obesus), Blue shark (Prionace glauca), Skipjack tuna (Katsuwonus pelamis), Yellowfin tuna (Thunnus albacares)	Angling, (Surface), Harpoons, (Surface), Other (Please Specify) Tended line, (Surface)	Number of Vessels: none provided, Licenses: 42, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),Maritimes Region (4VWX5)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Blainville's beaked whale (Western North Atlantic) Blue whale (Western North Atlantic) Common bottlenose dolphin (Western North Atlantic) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Dwarf sperm whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (Northwest Atlantic/Eastern Arctic) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Pygmy sperm whale (Western North Atlantic) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Short-finned pilot whale (Western North Atlantic) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) Striped dolphin (Western North Atlantic) True's beaked whale (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Blainville's beaked whale (Western North Atlantic): NOT PROVIDED Blue whale (Western North Atlantic): NOT PROVIDED Common bottlenose dolphin (Western North Atlantic): NOT PROVIDED Common minke whale (Atlantic Canada and Eastern Arctic): NOT PROVIDED Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): NOT PROVIDED Dwarf sperm whale (Western North Atlantic): NOT PROVIDED Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Gray seal (Western North Atlantic): NOT PROVIDED Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): NOT PROVIDED Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): NOT PROVIDED Harp seal (Western North Atlantic): NOT PROVIDED Hooded seal (Western North Atlantic): NOT PROVIDED Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Killer whale, orca (Northwest Atlantic/Eastern Arctic): NOT PROVIDED Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED North Atlantic right whale (Western North Atlantic): NOT PROVIDED Northern bottlenose whale (Scotian Shelf): NOT PROVIDED Pygmy sperm whale (Western North Atlantic): NOT PROVIDED Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): NOT PROVIDED Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): NOT PROVIDED Short-finned pilot whale (Western North Atlantic): NOT PROVIDED Sowerby's beaked whale (Western North Atlantic): NOT PROVIDED Sperm whale, cachalot (Western North Atlantic): NOT PROVIDED Striped dolphin (Western North Atlantic): NOT PROVIDED True's beaked whale (Western North Atlantic): NOT PROVIDED White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Beluga, white whale (St. Lawrence Estuary) Blue whale (Western North Atlantic): NOT PROVIDED Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Common minke whale (Atlantic Canada and Eastern Arctic): NOT PROVIDED Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): NOT PROVIDED Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Gray seal (Western North Atlantic): NOT PROVIDED Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): NOT PROVIDED Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): NOT PROVIDED Harp seal (Western North Atlantic): NOT PROVIDED Hooded seal (Western North Atlantic): NOT PROVIDED Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Killer whale, orca (UNKNOWN): NOT PROVIDED Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED North Atlantic right whale (Western North Atlantic): NOT PROVIDED Northern bottlenose whale (Scotian Shelf): NOT PROVIDED Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): NOT PROVIDED Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): NOT PROVIDED Sowerby's beaked whale (Western North Atlantic): NOT PROVIDED Sperm whale, cachalot (Western North Atlantic): NOT PROVIDED White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED	ICCAT
Atlantic bluefin tuna (Thunnus thynnus)	Angling, (Pelagic)	Number of Vessels: none provided, Licenses: 600, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.4.R, 21.4.S, 21.4.T,Gulf Region	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Beluga, white whale (St. Lawrence Estuary) Blue whale (Western North Atlantic) Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (UNKNOWN) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Beluga, white whale (St. Lawrence Estuary): NOT PROVIDED Blue whale (Western North Atlantic): NOT PROVIDED Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Common minke whale (Atlantic Canada and Eastern Arctic): NOT PROVIDED Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): NOT PROVIDED Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Gray seal (Western North Atlantic): NOT PROVIDED Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): NOT PROVIDED Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): NOT PROVIDED Harp seal (Western North Atlantic): NOT PROVIDED Hooded seal (Western North Atlantic): NOT PROVIDED Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Killer whale, orca (UNKNOWN): NOT PROVIDED Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED North Atlantic right whale (Western North Atlantic): NOT PROVIDED Northern bottlenose whale (Scotian Shelf): NOT PROVIDED Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): NOT PROVIDED Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): NOT PROVIDED Sowerby's beaked whale (Western North Atlantic): NOT PROVIDED Sperm whale, cachalot (Western North Atlantic): NOT PROVIDED White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED	ICCAT

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Smelts nei (Osmerus spp, Hypomesus spp)	Angling, (Midwater), Gillnets and entangling nets (not specified), (Midwater), Spears, (Midwater), Stow nets, (Midwater)	Number of Vessels: 17, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.4.R, 21.4.S, 21.4.T,Gulf Region (ENB, NS, PEI)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Beluga, white whale (St. Lawrence Estuary) Blue whale (Western North Atlantic) Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (Northwest Atlantic/Eastern Arctic) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Beluga, white whale (St. Lawrence Estuary): NOT PROVIDED Blue whale (Western North Atlantic): NOT PROVIDED Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Common minke whale (Atlantic Canada and Eastern Arctic): NOT PROVIDED Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): NOT PROVIDED Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Gray seal (Western North Atlantic): NOT PROVIDED Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): NOT PROVIDED Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): NOT PROVIDED Harp seal (Western North Atlantic): NOT PROVIDED Hooded seal (Western North Atlantic): NOT PROVIDED Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Killer whale, orca (Northwest Atlantic/Eastern Arctic): NOT PROVIDED Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED North Atlantic right whale (Western North Atlantic): NOT PROVIDED Northern bottlenose whale (Scotian Shelf): NOT PROVIDED Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): NOT PROVIDED Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): NOT PROVIDED Sowerby's beaked whale (Western North Atlantic): NOT PROVIDED Sperm whale, cachalot (Western North Atlantic): NOT PROVIDED White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED	
Hagfish (Myxine glutinosa)	Barrel traps, (Bottom)	Number of Vessels: none provided, Licenses: 7, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),Maritimes Region (4VW, 4WX, 4WX5Z, 4X) (ENS, SWNS, SWNB LFA 36 and 38)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Blainville's beaked whale (Western North Atlantic) Blue whale (Western North Atlantic) Common bottlenose dolphin (Western North Atlantic) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Dwarf sperm whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (Northwest Atlantic/Eastern Arctic) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Pygmy sperm whale (Western North Atlantic) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Short-finned pilot whale (Western North Atlantic) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) Striped dolphin (Western North Atlantic) True's beaked whale (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Blainville's beaked whale (Western North Atlantic): NOT PROVIDED Blue whale (Western North Atlantic): NOT PROVIDED Common bottlenose dolphin (Western North Atlantic): NOT PROVIDED Common minke whale (Atlantic Canada and Eastern Arctic): NOT PROVIDED Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): NOT PROVIDED Dwarf sperm whale (Western North Atlantic): NOT PROVIDED Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Gray seal (Western North Atlantic): NOT PROVIDED Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): NOT PROVIDED Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): NOT PROVIDED Harp seal (Western North Atlantic): NOT PROVIDED Hooded seal (Western North Atlantic): NOT PROVIDED Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Killer whale, orca (Northwest Atlantic/Eastern Arctic): NOT PROVIDED Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED North Atlantic right whale (Western North Atlantic): NOT PROVIDED Northern bottlenose whale (Scotian Shelf): NOT PROVIDED Pygmy sperm whale (Western North Atlantic): NOT PROVIDED Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): NOT PROVIDED Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): NOT PROVIDED Short-finned pilot whale (Western North Atlantic): NOT PROVIDED Sowerby's beaked whale (Western North Atlantic): NOT PROVIDED Sperm whale, cachalot (Western North Atlantic): NOT PROVIDED Striped dolphin (Western North Atlantic): NOT PROVIDED True's beaked whale (Western North Atlantic): NOT PROVIDED White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED	

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Capelin (<i>Mallotus villosus</i>)	Beach seines, (Surface)	Number of Vessels: none provided, Licenses: 17, 0 active in 2018, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.4.S, 21.4.T,Quebec Region (15, 16)	Atlantic bearded seal (Arctic/Labrador) Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Beluga, white whale (St. Lawrence Estuary) Blue whale (Western North Atlantic) Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Common minke whale (Atlantic Canada and Eastern Arctic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (UNKNOWN) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Ringed seal (Arctic & Labrador) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Sperm whale, cachalot (Western North Atlantic) Striped dolphin (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic bearded seal (Arctic/Labrador): NOT PROVIDED Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Beluga, white whale (St. Lawrence Estuary): NOT PROVIDED Blue whale (Western North Atlantic): NOT PROVIDED Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Common minke whale (Atlantic Canada and Eastern Arctic): NOT PROVIDED Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Gray seal (Western North Atlantic): NOT PROVIDED Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): NOT PROVIDED Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): NOT PROVIDED Harp seal (Western North Atlantic): NOT PROVIDED Hooded seal (Western North Atlantic): NOT PROVIDED Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Killer whale, orca (UNKNOWN): NOT PROVIDED Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED North Atlantic right whale (Western North Atlantic): NOT PROVIDED Ringed seal (Arctic & Labrador): NOT PROVIDED Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): NOT PROVIDED Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): NOT PROVIDED Sperm whale, cachalot (Western North Atlantic): NOT PROVIDED Striped dolphin (Western North Atlantic): NOT PROVIDED White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED	
Witch flounder (<i>Glyptocephalus cynoglossus</i>)	Danish seines, (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: 1, Aquaculture Facilities: none provided	EEZ,France,(FAO:21 Atlantic Northwest),21.3.P.s, 21.4.R, 21.4.S, 21.4.T,Newfoundland and Labrador Region (3Ps & 4RST)	Common minke whale (Atlantic Canada and Eastern Arctic) Gray seal (Western North Atlantic) Harbor porpoise (Newfoundland) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Common minke whale (Atlantic Canada and Eastern Arctic): NOT PROVIDED Gray seal (Western North Atlantic): NOT PROVIDED Harbor porpoise (Newfoundland): NOT PROVIDED Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): NOT PROVIDED Harp seal (Western North Atlantic): NOT PROVIDED Hooded seal (Western North Atlantic): NOT PROVIDED Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED	

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Witch flounder (<i>Glyptocephalus cynoglossus</i>)	Danish seines, (Surface)	Number of Vessels: 8, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.4.R, 21.4.S, 21.4.T,Gulf Region (4RST)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Beluga, white whale (St. Lawrence Estuary) Blue whale (Western North Atlantic) Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (Northwest Atlantic/Eastern Arctic) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Beluga, white whale (St. Lawrence Estuary): NOT PROVIDED Blue whale (Western North Atlantic): NOT PROVIDED Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Common minke whale (Atlantic Canada and Eastern Arctic): NOT PROVIDED Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): NOT PROVIDED Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Gray seal (Western North Atlantic): NOT PROVIDED Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): NOT PROVIDED Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): NOT PROVIDED Harp seal (Western North Atlantic): NOT PROVIDED Hooded seal (Western North Atlantic): NOT PROVIDED Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Killer whale, orca (Northwest Atlantic/Eastern Arctic): NOT PROVIDED Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED North Atlantic right whale (Western North Atlantic): NOT PROVIDED Northern bottlenose whale (Scotian Shelf): NOT PROVIDED Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): NOT PROVIDED Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): NOT PROVIDED Sowerby's beaked whale (Western North Atlantic): NOT PROVIDED Sperm whale, cachalot (Western North Atlantic): NOT PROVIDED White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED	
Atlantic cod (<i>Gadus morhua</i>)	Handlines and hand-operated pole-and-lines, (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: 103, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.3.P.n, 21.4.R,Newfoundland and Labrador Region – 4R3Pn	Common minke whale (Atlantic Canada and Eastern Arctic) Gray seal (Western North Atlantic) Harbor porpoise (Newfoundland) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Common minke whale (Atlantic Canada and Eastern Arctic): NOT PROVIDED Gray seal (Western North Atlantic): NOT PROVIDED Harbor porpoise (Newfoundland): NOT PROVIDED Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): NOT PROVIDED Harp seal (Western North Atlantic): NOT PROVIDED Hooded seal (Western North Atlantic): NOT PROVIDED Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED	
Pacific geoduck (<i>Panopea generosa</i>), Pacific horse clams nei (<i>Tresus</i> spp)	Diving (not specified), (Bottom)	Number of Vessels: none provided, Licenses: 55 - limited entry, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:67 Pacific Northeast),Pacific (Pacific Fisheries Management Areas 1 to 10, 12 to 19, 20, 23 to 27, 29, 101, 106, 124)	California sea lion (Pacific) Gray whale (Pacific) Harbor seal, common seal (Pacific coast stock delineation in CAN unknown) Northern elephant seal (California Breeding) Sea otter (Pacific Coast of Canada) Steller sea lion, northern sea lion (Pacific)	California sea lion (Pacific): NOT PROVIDED Gray whale (Pacific): NOT PROVIDED Harbor seal, common seal (Pacific coast stock delineation in CAN unknown): NOT PROVIDED Northern elephant seal (California Breeding): NOT PROVIDED Sea otter (Pacific Coast of Canada): NOT PROVIDED Steller sea lion, northern sea lion (Pacific): NOT PROVIDED	
Sea cucumbers nei (Holothuroidea)	Diving (not specified), (Bottom)	Number of Vessels: none provided, Licenses: 85 - limited entry fishery, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:67 Pacific Northeast),Pacific (Areas 1 to 29)	California sea lion (Pacific) Dall's porpoise, Dall porpoise (California/Oregon/Washington) Gray whale (Pacific) Harbor porpoise (Pacific coast of Canada) Harbor seal, common seal (Pacific coast stock delineation in CAN unknown) Northern elephant seal (California Breeding) Pacific white-sided dolphin (California/Oregon/Washington) Risso's dolphin, grampus (California/Oregon/Washington) Sea otter (Pacific Coast of Canada) Steller sea lion, northern sea lion (Pacific)	California sea lion (Pacific): NOT PROVIDED Dall's porpoise, Dall porpoise (California/Oregon/Washington): NOT PROVIDED Gray whale (Pacific): NOT PROVIDED Harbor porpoise (Pacific coast of Canada): NOT PROVIDED Harbor seal, common seal (Pacific coast stock delineation in CAN unknown): NOT PROVIDED Northern elephant seal (California Breeding): NOT PROVIDED Pacific white-sided dolphin (California/Oregon/Washington): NOT PROVIDED Risso's dolphin, grampus (California/Oregon/Washington): NOT PROVIDED Sea otter (Pacific Coast of Canada): NOT PROVIDED Steller sea lion, northern sea lion (Pacific): NOT PROVIDED	

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Green sea urchin (<i>Psammechinus microtuberculatus</i>), Red sea urchin (<i>Strongylocentrotus franciscanus</i>), Sea urchins/etc. nei (<i>Echinoidea</i>)	Diving (not specified), (Bottom)	Number of Vessels: none provided, Licenses: The Red Sea Urchin - 110 licences, the Green Sea Urchin - 49 licences, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:67 Pacific Northeast),Pacific (Areas 1 to 10, 11 to 14, 17 to 20, 23, 101, 105, 106, 123, 142)	California sea lion (Pacific) Dall's porpoise, Dall porpoise (California/Oregon/Washington) Gray whale (Pacific) Harbor porpoise (Pacific coast of Canada) Harbor seal, common seal (Pacific coast stock delineation in CAN unknown) Northern elephant seal (California Breeding) Pacific white-sided dolphin (California/Oregon/Washington) Risso's dolphin, grampus (California/Oregon/Washington) Sea otter (Pacific Coast of Canada) Steller sea lion, northern sea lion (Pacific)	California sea lion (Pacific): NOT PROVIDED Dall's porpoise, Dall porpoise (California/Oregon/Washington): NOT PROVIDED Gray whale (Pacific): NOT PROVIDED Harbor porpoise (Pacific coast of Canada): NOT PROVIDED Harbor seal, common seal (Pacific coast stock delineation in CAN unknown): NOT PROVIDED Northern elephant seal (California Breeding): NOT PROVIDED Pacific white-sided dolphin (California/Oregon/Washington): NOT PROVIDED Risso's dolphin, grampus (California/Oregon/Washington): NOT PROVIDED Sea otter (Pacific Coast of Canada): NOT PROVIDED Steller sea lion, northern sea lion (Pacific): NOT PROVIDED	
Seaweeds nei (Algae)	Diving (not specified), (Bottom), Hand Implements (not specified), (Bottom)	Number of Vessels: none provided, Licenses: 15 in 2017, 39 in 2018, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),Quebec region	Atlantic bearded seal (Arctic/Labrador) Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Beluga, white whale (St. Lawrence Estuary) Blue whale (Western North Atlantic) Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Common minke whale (Atlantic Canada and Eastern Arctic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (UNKNOWN) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Ringed seal (Arctic & Labrador) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Sperm whale, cachalot (Western North Atlantic) Striped dolphin (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic bearded seal (Arctic/Labrador): NOT PROVIDED Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Beluga, white whale (St. Lawrence Estuary): NOT PROVIDED Blue whale (Western North Atlantic): NOT PROVIDED Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Common minke whale (Atlantic Canada and Eastern Arctic): NOT PROVIDED Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Gray seal (Western North Atlantic): NOT PROVIDED Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): NOT PROVIDED Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): NOT PROVIDED Harp seal (Western North Atlantic): NOT PROVIDED Hooded seal (Western North Atlantic): NOT PROVIDED Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Killer whale, orca (UNKNOWN): NOT PROVIDED Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED North Atlantic right whale (Western North Atlantic): NOT PROVIDED Ringed seal (Arctic & Labrador): NOT PROVIDED Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): NOT PROVIDED Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): NOT PROVIDED Sperm whale, cachalot (Western North Atlantic): NOT PROVIDED Striped dolphin (Western North Atlantic): NOT PROVIDED White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED	
Blue mussel (<i>Mytilus edulis</i>)	Aquaculture (mussel sock), (Surface)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: 47	EEZ,(FAO:21 Atlantic Northwest),Newfoundland and Labrador Region	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Blue whale (Western North Atlantic) Common minke whale (Atlantic Canada and Eastern Arctic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Blue whale (Western North Atlantic): NOT PROVIDED Common minke whale (Atlantic Canada and Eastern Arctic): NOT PROVIDED Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Gray seal (Western North Atlantic): NOT PROVIDED Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): NOT PROVIDED Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED	

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Atl.jackknife(=Atl.razor clam) (Ensis directus), Surf clams nei (Spisula spp)	Dredges (not specified), (Bottom)	Number of Vessels: none provided, Licenses: 10, 5 active in 2018, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.4.T,Quebec Region (5A, 5B)	Atlantic bearded seal (Arctic/Labrador) Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Beluga, white whale (St. Lawrence Estuary) Blue whale (Western North Atlantic) Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Common minke whale (Atlantic Canada and Eastern Arctic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (UNKNOWN) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Ringed seal (Arctic & Labrador) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Sperm whale, cachalot (Western North Atlantic) Striped dolphin (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic bearded seal (Arctic/Labrador): NOT PROVIDED Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Beluga, white whale (St. Lawrence Estuary): NOT PROVIDED Blue whale (Western North Atlantic): NOT PROVIDED Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Common minke whale (Atlantic Canada and Eastern Arctic): NOT PROVIDED Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Gray seal (Western North Atlantic): NOT PROVIDED Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): NOT PROVIDED Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): NOT PROVIDED Harp seal (Western North Atlantic): NOT PROVIDED Hooded seal (Western North Atlantic): NOT PROVIDED Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Killer whale, orca (UNKNOWN): NOT PROVIDED Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED North Atlantic right whale (Western North Atlantic): NOT PROVIDED Ringed seal (Arctic & Labrador): NOT PROVIDED Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): NOT PROVIDED Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): NOT PROVIDED Sperm whale, cachalot (Western North Atlantic): NOT PROVIDED Striped dolphin (Western North Atlantic): NOT PROVIDED White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED	
Ocean quahog (Arctica islandica)	Dredges (not specified), (Bottom)	Number of Vessels: none provided, Licenses: 2, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),Maritimes Region	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Blainville's beaked whale (Western North Atlantic) Blue whale (Western North Atlantic) Common bottlenose dolphin (Western North Atlantic) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Dwarf sperm whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (Northwest Atlantic/Eastern Arctic) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Pygmy sperm whale (Western North Atlantic) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Short-finned pilot whale (Western North Atlantic) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) Striped dolphin (Western North Atlantic) True's beaked whale (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Blainville's beaked whale (Western North Atlantic): NOT PROVIDED Blue whale (Western North Atlantic): NOT PROVIDED Common bottlenose dolphin (Western North Atlantic): NOT PROVIDED Common minke whale (Atlantic Canada and Eastern Arctic): NOT PROVIDED Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): NOT PROVIDED Dwarf sperm whale (Western North Atlantic): NOT PROVIDED Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Gray seal (Western North Atlantic): NOT PROVIDED Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): NOT PROVIDED Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): NOT PROVIDED Harp seal (Western North Atlantic): NOT PROVIDED Hooded seal (Western North Atlantic): NOT PROVIDED Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Killer whale, orca (Northwest Atlantic/Eastern Arctic): NOT PROVIDED Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED North Atlantic right whale (Western North Atlantic): NOT PROVIDED Northern bottlenose whale (Scotian Shelf): NOT PROVIDED Pygmy sperm whale (Western North Atlantic): NOT PROVIDED Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): NOT PROVIDED Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): NOT PROVIDED Short-finned pilot whale (Western North Atlantic): NOT PROVIDED Sowerby's beaked whale (Western North Atlantic): NOT PROVIDED Sperm whale, cachalot (Western North Atlantic): NOT PROVIDED Striped dolphin (Western North Atlantic): NOT PROVIDED True's beaked whale (Western North Atlantic): NOT PROVIDED White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED	
Monkfishes nei (Lophius spp), Scallops nei (Pectinidae)	Dredges (not specified), (Bottom)	Number of Vessels: none provided, Licenses: 502, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),Maritimes Region (SFA 28, 29)			

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Scallops nei (Pectinidae)	Dredges (not specified), (Bottom)	Number of Vessels: 149, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.4.R, 21.4.S, 21.4.T,Gulf Region (21A, 21B, 21C, 22, 23, 24)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Beluga, white whale (St. Lawrence Estuary) Blue whale (Western North Atlantic) Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (Northwest Atlantic/Eastern Arctic) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Beluga, white whale (St. Lawrence Estuary): NOT PROVIDED Blue whale (Western North Atlantic): NOT PROVIDED Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Common minke whale (Atlantic Canada and Eastern Arctic): NOT PROVIDED Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): NOT PROVIDED Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Gray seal (Western North Atlantic): NOT PROVIDED Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): NOT PROVIDED Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): NOT PROVIDED Harp seal (Western North Atlantic): NOT PROVIDED Hooded seal (Western North Atlantic): NOT PROVIDED Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Killer whale, orca (Northwest Atlantic/Eastern Arctic): NOT PROVIDED Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED North Atlantic right whale (Western North Atlantic): NOT PROVIDED Northern bottlenose whale (Scotian Shelf): NOT PROVIDED Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): NOT PROVIDED Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): NOT PROVIDED Sowerby's beaked whale (Western North Atlantic): NOT PROVIDED Sperm whale, cachalot (Western North Atlantic): NOT PROVIDED White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED	
Sea cucumbers nei (Holothuroidea)	Dredges (not specified), (Bottom)	Number of Vessels: none provided, Licenses: 4, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),Maritimes Region (Southwest New Brunswick, Scotian Shelf)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Blainville's beaked whale (Western North Atlantic) Blue whale (Western North Atlantic) Common bottlenose dolphin (Western North Atlantic) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Dwarf sperm whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (Northwest Atlantic/Eastern Arctic) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Pygmy sperm whale (Western North Atlantic) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Short-finned pilot whale (Western North Atlantic) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) Striped dolphin (Western North Atlantic) True's beaked whale (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Blainville's beaked whale (Western North Atlantic): NOT PROVIDED Blue whale (Western North Atlantic): NOT PROVIDED Common bottlenose dolphin (Western North Atlantic): NOT PROVIDED Common minke whale (Atlantic Canada and Eastern Arctic): NOT PROVIDED Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): NOT PROVIDED Dwarf sperm whale (Western North Atlantic): NOT PROVIDED Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Gray seal (Western North Atlantic): NOT PROVIDED Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): NOT PROVIDED Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): NOT PROVIDED Harp seal (Western North Atlantic): NOT PROVIDED Hooded seal (Western North Atlantic): NOT PROVIDED Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Killer whale, orca (Northwest Atlantic/Eastern Arctic): NOT PROVIDED Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED North Atlantic right whale (Western North Atlantic): NOT PROVIDED Northern bottlenose whale (Scotian Shelf): NOT PROVIDED Pygmy sperm whale (Western North Atlantic): NOT PROVIDED Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): NOT PROVIDED Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): NOT PROVIDED Short-finned pilot whale (Western North Atlantic): NOT PROVIDED Sowerby's beaked whale (Western North Atlantic): NOT PROVIDED Sperm whale, cachalot (Western North Atlantic): NOT PROVIDED Striped dolphin (Western North Atlantic): NOT PROVIDED True's beaked whale (Western North Atlantic): NOT PROVIDED White-beaked dolphin (Gulf of St. Lawrence,	

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Sea cucumbers nei (Holothuroidea)	Dredges (not specified), (Bottom)	Number of Vessels: none provided, Licenses: 4, 4 active in 2018, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.4.S, 21.4.T,Quebec Region (3, 5, B, C)	Atlantic bearded seal (Arctic/Labrador) Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Beluga, white whale (St. Lawrence Estuary) Blue whale (Western North Atlantic) Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Common minke whale (Atlantic Canada and Eastern Arctic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (UNKNOWN) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Ringed seal (Arctic & Labrador) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Sperm whale, cachalot (Western North Atlantic) Striped dolphin (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic bearded seal (Arctic/Labrador): NOT PROVIDED Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Beluga, white whale (St. Lawrence Estuary): NOT PROVIDED Blue whale (Western North Atlantic): NOT PROVIDED Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Common minke whale (Atlantic Canada and Eastern Arctic): NOT PROVIDED Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Gray seal (Western North Atlantic): NOT PROVIDED Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): NOT PROVIDED Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): NOT PROVIDED Harp seal (Western North Atlantic): NOT PROVIDED Hooded seal (Western North Atlantic): NOT PROVIDED Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Killer whale, orca (UNKNOWN): NOT PROVIDED Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED North Atlantic right whale (Western North Atlantic): NOT PROVIDED Ringed seal (Arctic & Labrador): NOT PROVIDED Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): NOT PROVIDED Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): NOT PROVIDED Sperm whale, cachalot (Western North Atlantic): NOT PROVIDED Striped dolphin (Western North Atlantic): NOT PROVIDED White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED	
Sea urchins/etc. nei (Echinoidea)	Diving (not specified), (Bottom)	Number of Vessels: none provided, Licenses: 39 , Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),Maritimes Region (SWNB LFA 36, 38)			
Stimpson's surf clam (Spisula polynyma)	Dredges (not specified), (Bottom)	Number of Vessels: none provided, Licenses: 18, 5 active in 2018, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.4.S, 21.4.T,Quebec Region (1A, 1B, 2, 3A, 3B, 4A, 4B, 4C, 5A, 5B)	Atlantic bearded seal (Arctic/Labrador) Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Beluga, white whale (St. Lawrence Estuary) Blue whale (Western North Atlantic) Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Common minke whale (Atlantic Canada and Eastern Arctic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (UNKNOWN) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Ringed seal (Arctic & Labrador) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Sperm whale, cachalot (Western North Atlantic) Striped dolphin (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic bearded seal (Arctic/Labrador): NOT PROVIDED Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Beluga, white whale (St. Lawrence Estuary): NOT PROVIDED Blue whale (Western North Atlantic): NOT PROVIDED Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Common minke whale (Atlantic Canada and Eastern Arctic): NOT PROVIDED Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Gray seal (Western North Atlantic): NOT PROVIDED Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): NOT PROVIDED Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): NOT PROVIDED Harp seal (Western North Atlantic): NOT PROVIDED Hooded seal (Western North Atlantic): NOT PROVIDED Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Killer whale, orca (UNKNOWN): NOT PROVIDED Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED North Atlantic right whale (Western North Atlantic): NOT PROVIDED Ringed seal (Arctic & Labrador): NOT PROVIDED Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): NOT PROVIDED Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): NOT PROVIDED Sperm whale, cachalot (Western North Atlantic): NOT PROVIDED Striped dolphin (Western North Atlantic): NOT PROVIDED White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED	

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Arctic surfclam (<i>Mactromeris polynyma</i>), Greenland smoothcockle (<i>Serripes groenlandicus</i>), Ocean quahog (<i>Arctica islandica</i>), <i>Siliqua</i> spp (<i>Siliqua</i> spp)	Towed dredges, (Bottom)	Number of Vessels: none provided, Licenses: 3, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),Maritimes Region- offshore	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Blainville's beaked whale (Western North Atlantic) Blue whale (Western North Atlantic) Common bottlenose dolphin (Western North Atlantic) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Dwarf sperm whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (Northwest Atlantic/Eastern Arctic) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Pygmy sperm whale (Western North Atlantic) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Short-finned pilot whale (Western North Atlantic) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) Striped dolphin (Western North Atlantic) True's beaked whale (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Blainville's beaked whale (Western North Atlantic): NOT PROVIDED Blue whale (Western North Atlantic): NOT PROVIDED Common bottlenose dolphin (Western North Atlantic): NOT PROVIDED Common minke whale (Atlantic Canada and Eastern Arctic): NOT PROVIDED Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): NOT PROVIDED Dwarf sperm whale (Western North Atlantic): NOT PROVIDED Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Gray seal (Western North Atlantic): NOT PROVIDED Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): NOT PROVIDED Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): NOT PROVIDED Harp seal (Western North Atlantic): NOT PROVIDED Hooded seal (Western North Atlantic): NOT PROVIDED Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Killer whale, orca (Northwest Atlantic/Eastern Arctic): NOT PROVIDED Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED North Atlantic right whale (Western North Atlantic): NOT PROVIDED Pygmy sperm whale (Western North Atlantic): NOT PROVIDED Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): NOT PROVIDED Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): NOT PROVIDED Short-finned pilot whale (Western North Atlantic): NOT PROVIDED Sowerby's beaked whale (Western North Atlantic): NOT PROVIDED Sperm whale, cachalot (Western North Atlantic): NOT PROVIDED Striped dolphin (Western North Atlantic): NOT PROVIDED True's beaked whale (Western North Atlantic): NOT PROVIDED White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED	
Capelin (<i>Mallotus villosus</i>)	trap nets/stationary nets, (Pelagic)	Number of Vessels: none provided, Licenses: none provided, Participants: 83, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.2.J, 21.3.K, 21.3.L, 21.3.P, 21.3.P.n, 21.4.R,Newfoundland and Labrador Region (2J3KLP, 4R3Pn)	Common minke whale (Atlantic Canada and Eastern Arctic) Gray seal (Western North Atlantic) Harbor porpoise (Newfoundland) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Ringed seal (Arctic & Labrador)	Common minke whale (Atlantic Canada and Eastern Arctic): NOT PROVIDED Gray seal (Western North Atlantic): NOT PROVIDED Harbor porpoise (Newfoundland): NOT PROVIDED Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): NOT PROVIDED Harp seal (Western North Atlantic): NOT PROVIDED Hooded seal (Western North Atlantic): NOT PROVIDED Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Ringed seal (Arctic & Labrador): NOT PROVIDED	

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Various squids nei (Loliginidae, Ommastrephidae)	Handlines and hand-operated pole-and-lines, (Surface), Jig, (Surface)	Number of Vessels: none provided, Licenses: 293, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),Maritimes Region (Squid Fishing Areas 17, 18, 19, 20, 21)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Blainville's beaked whale (Western North Atlantic) Blue whale (Western North Atlantic) Common bottlenose dolphin (Western North Atlantic) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Dwarf sperm whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (Northwest Atlantic/Eastern Arctic) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Pygmy sperm whale (Western North Atlantic) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Short-finned pilot whale (Western North Atlantic) Sowerby's beaked whale (Western North Atlantic) Striped dolphin (Western North Atlantic) True's beaked whale (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Blainville's beaked whale (Western North Atlantic): NOT PROVIDED Blue whale (Western North Atlantic): NOT PROVIDED Common bottlenose dolphin (Western North Atlantic): NOT PROVIDED Common minke whale (Atlantic Canada and Eastern Arctic): NOT PROVIDED Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): NOT PROVIDED Dwarf sperm whale (Western North Atlantic): NOT PROVIDED Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Gray seal (Western North Atlantic): NOT PROVIDED Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): NOT PROVIDED Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): NOT PROVIDED Harp seal (Western North Atlantic): NOT PROVIDED Hooded seal (Western North Atlantic): NOT PROVIDED Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Killer whale, orca (Northwest Atlantic/Eastern Arctic): NOT PROVIDED Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED North Atlantic right whale (Western North Atlantic): NOT PROVIDED Northern bottlenose whale (Scotian Shelf): NOT PROVIDED Pygmy sperm whale (Western North Atlantic): NOT PROVIDED Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): NOT PROVIDED Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): NOT PROVIDED Short-finned pilot whale (Western North Atlantic): NOT PROVIDED Sowerby's beaked whale (Western North Atlantic): NOT PROVIDED Striped dolphin (Western North Atlantic): NOT PROVIDED True's beaked whale (Western North Atlantic): NOT PROVIDED White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED	RFMO
Atlantic bluefin tuna (Thunnus thynnus)	Handlines and hand-operated pole-and-lines, (Surface)	Number of Vessels: 17, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.2.J, 21.3.K, 21.3.L, 21.3.P,Newfoundland and Labrador Region (3LNOPS) TENDED LINE	Common minke whale (Atlantic Canada and Eastern Arctic) Gray seal (Western North Atlantic) Harbor porpoise (Newfoundland) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (California/Oregon/Washington)	Common minke whale (Atlantic Canada and Eastern Arctic): NOT PROVIDED Gray seal (Western North Atlantic): NOT PROVIDED Harbor porpoise (Newfoundland): NOT PROVIDED Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): NOT PROVIDED Harp seal (Western North Atlantic): NOT PROVIDED Hooded seal (Western North Atlantic): NOT PROVIDED Humpback whale (California/Oregon/Washington): NOT PROVIDED	ICCAT

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Atlantic bluefin tuna (<i>Thunnus thynnus</i>), Atlantic mackerel (<i>Scomber scombrus</i>)	trap nets/stationary nets, (Surface)	Number of Vessels: none provided, Licenses: 24, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),Maritimes Region (St. Margaret's Bay)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Blue whale (Western North Atlantic) Common bottlenose dolphin (Western North Atlantic) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (Northwest Atlantic/Eastern Arctic) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Short-finned pilot whale (Western North Atlantic) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Blue whale (Western North Atlantic): NOT PROVIDED Common bottlenose dolphin (Western North Atlantic): NOT PROVIDED Common minke whale (Atlantic Canada and Eastern Arctic): NOT PROVIDED Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): NOT PROVIDED Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Gray seal (Western North Atlantic): NOT PROVIDED Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): NOT PROVIDED Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): NOT PROVIDED Harp seal (Western North Atlantic): NOT PROVIDED Hooded seal (Western North Atlantic): NOT PROVIDED Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Killer whale, orca (Northwest Atlantic/Eastern Arctic): NOT PROVIDED Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED North Atlantic right whale (Western North Atlantic): NOT PROVIDED Northern bottlenose whale (Scotian Shelf): NOT PROVIDED Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): NOT PROVIDED Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): NOT PROVIDED Short-finned pilot whale (Western North Atlantic): NOT PROVIDED Sowerby's beaked whale (Western North Atlantic): NOT PROVIDED Sperm whale, cachalot (Western North Atlantic): NOT PROVIDED White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED	ICCAT
Atlantic bluefin tuna (<i>Thunnus thynnus</i>)	Handlines and hand-operated pole-and-lines, (Surface)	Number of Vessels: none provided, Licenses: none provided, Participants: 17, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.2.J, 21.3.K, 21.3.L, 21.3.P, 21.3.P.s,Newfoundland and Labrador Region (3LMNOPs) ROD and REEL	Common minke whale (Atlantic Canada and Eastern Arctic) Gray seal (Western North Atlantic) Harbor porpoise (Newfoundland) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Common minke whale (Atlantic Canada and Eastern Arctic): NOT PROVIDED Gray seal (Western North Atlantic): NOT PROVIDED Harbor porpoise (Newfoundland): NOT PROVIDED Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): NOT PROVIDED Harp seal (Western North Atlantic): NOT PROVIDED Hooded seal (Western North Atlantic): NOT PROVIDED Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED	ICCAT
Atlantic sturgeon (<i>Acipenser oxyrinchus</i>)	Gillnets and entangling nets (not specified), (Surface)	Number of Vessels: none provided, Licenses: 2, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),Maritimes Region. Inland waters and shallow estuaries.	Gray seal (Western North Atlantic) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic)	Gray seal (Western North Atlantic): NOT PROVIDED Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): NOT PROVIDED Harp seal (Western North Atlantic): NOT PROVIDED Hooded seal (Western North Atlantic): NOT PROVIDED	
Alewife (<i>Alosa pseudoharengus</i>), American shad (<i>Alosa sapidissima</i>)	Gillnets and entangling nets (not specified), (Surface)	Number of Vessels: none provided, Licenses: 375, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),Maritimes Region (NS, NB)	Gray seal (Western North Atlantic) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic)	Gray seal (Western North Atlantic): NOT PROVIDED Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): NOT PROVIDED Harp seal (Western North Atlantic): NOT PROVIDED Hooded seal (Western North Atlantic): NOT PROVIDED	
American shad (<i>Alosa sapidissima</i>), Striped bass (<i>Morone saxatilis</i>)	Gillnets and entangling nets (not specified), (Surface)	Number of Vessels: none provided, Licenses: 120, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),Maritimes Region. Inland waters and shallow estuaries.	Gray seal (Western North Atlantic) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic)	Gray seal (Western North Atlantic): NOT PROVIDED Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): NOT PROVIDED Harp seal (Western North Atlantic): NOT PROVIDED Hooded seal (Western North Atlantic): NOT PROVIDED	

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Amer. plaice(=Long rough dab) (Hippoglossoides platessoides)	Danish seines, (Surface)	Number of Vessels: 2, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.4.T,Gulf Region (4T)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Beluga, white whale (St. Lawrence Estuary) Blue whale (Western North Atlantic) Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (Northwest Atlantic/Eastern Arctic) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Beluga, white whale (St. Lawrence Estuary): NOT PROVIDED Blue whale (Western North Atlantic): NOT PROVIDED Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Common minke whale (Atlantic Canada and Eastern Arctic): NOT PROVIDED Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): NOT PROVIDED Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Gray seal (Western North Atlantic): NOT PROVIDED Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): NOT PROVIDED Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): NOT PROVIDED Harp seal (Western North Atlantic): NOT PROVIDED Hooded seal (Western North Atlantic): NOT PROVIDED Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Killer whale, orca (Northwest Atlantic/Eastern Arctic): NOT PROVIDED Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED North Atlantic right whale (Western North Atlantic): NOT PROVIDED Northern bottlenose whale (Scotian Shelf): NOT PROVIDED Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): NOT PROVIDED Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): NOT PROVIDED Sowerby's beaked whale (Western North Atlantic): NOT PROVIDED Sperm whale, cachalot (Western North Atlantic): NOT PROVIDED White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED	
Sea cucumbers nei (Holothuroidea)	Diving (not specified), (Bottom), Hand collection, (Bottom)	Number of Vessels: none provided, Licenses: 1, not active in 2018, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.4.S, 21.4.T,Quebec Region (A, B, C), Quebec Region (Magdalen Islands)	Atlantic bearded seal (Arctic/Labrador) Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Beluga, white whale (St. Lawrence Estuary) Blue whale (Western North Atlantic) Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Common minke whale (Atlantic Canada and Eastern Arctic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (UNKNOWN) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Ringed seal (Arctic & Labrador) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Sperm whale, cachalot (Western North Atlantic) Striped dolphin (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic bearded seal (Arctic/Labrador): NOT PROVIDED Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Beluga, white whale (St. Lawrence Estuary): NOT PROVIDED Blue whale (Western North Atlantic): NOT PROVIDED Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Common minke whale (Atlantic Canada and Eastern Arctic): NOT PROVIDED Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Gray seal (Western North Atlantic): NOT PROVIDED Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): NOT PROVIDED Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): NOT PROVIDED Harp seal (Western North Atlantic): NOT PROVIDED Hooded seal (Western North Atlantic): NOT PROVIDED Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Killer whale, orca (UNKNOWN): NOT PROVIDED Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED North Atlantic right whale (Western North Atlantic): NOT PROVIDED Ringed seal (Arctic & Labrador): NOT PROVIDED Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): NOT PROVIDED Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): NOT PROVIDED Sperm whale, cachalot (Western North Atlantic): NOT PROVIDED Striped dolphin (Western North Atlantic): NOT PROVIDED White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED	
Marine worms (Polychaeta)	Hand Implements (not specified), (Bottom)	Number of Vessels: none provided, Licenses: 1173, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),Maritimes Region (SWNG, SWNS, Bay of Fundy, Southwest Nova Scotia, Areas 1-6)			

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Pacific cupped oyster (<i>Crassostrea gigas</i>)	Hand Implements (not specified), (Surface)	Number of Vessels: none provided, Licenses: 71 active licences, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:67 Pacific Northeast),Pacific Region (portions of Areas 12 to 19, 21 to 29)	California sea lion (Pacific) Harbor seal, common seal (Pacific coast stock delineation in CAN unknown) Northern elephant seal (California Breeding) Sea otter (Pacific Coast of Canada) Steller sea lion, northern sea lion (Pacific)	California sea lion (Pacific): NOT PROVIDED Harbor seal, common seal (Pacific coast stock delineation in CAN unknown): NOT PROVIDED Northern elephant seal (California Breeding): NOT PROVIDED Sea otter (Pacific Coast of Canada): NOT PROVIDED Steller sea lion, northern sea lion (Pacific): NOT PROVIDED	
Butter clam (<i>Saxidomus giganteus</i>), Clams/etc. nei (<i>Bivalvia</i>), Manila clam (<i>Corbicula manilensis</i>), Pacific littleneck clam (<i>Protothaca staminea</i>), Varnish clam (<i>Nuttallia obscurata</i>)	Hand Implements (not specified), (Bottom)	Number of Vessels: none provided, Licenses: 771 licences in total with 250 of active licences annually, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:67 Pacific Northeast),Pacific Region (portions of Areas 1, 7, 12, 13, 14, 15, 16, 17, 18, 23, 24, 25, 26, 27)	California sea lion (Pacific) Harbor seal, common seal (Pacific coast stock delineation in CAN unknown) Northern elephant seal (California Breeding) Sea otter (Pacific Coast of Canada) Steller sea lion, northern sea lion (Pacific)	California sea lion (Pacific): NOT PROVIDED Harbor seal, common seal (Pacific coast stock delineation in CAN unknown): NOT PROVIDED Northern elephant seal (California Breeding): NOT PROVIDED Sea otter (Pacific Coast of Canada): NOT PROVIDED Steller sea lion, northern sea lion (Pacific): NOT PROVIDED	
Sea mussels nei (<i>Mytilidae</i>)	Hand Implements (not specified), (Surface)	Number of Vessels: 2, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.4.R, 21.4.S, 21.4.T,Gulf Region (ENB, NS, PEI)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Beluga, white whale (St. Lawrence Estuary) Blue whale (Western North Atlantic) Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (Northwest Atlantic/Eastern Arctic) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Beluga, white whale (St. Lawrence Estuary): NOT PROVIDED Blue whale (Western North Atlantic): NOT PROVIDED Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Common minke whale (Atlantic Canada and Eastern Arctic): NOT PROVIDED Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): NOT PROVIDED Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Gray seal (Western North Atlantic): NOT PROVIDED Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): NOT PROVIDED Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): NOT PROVIDED Harp seal (Western North Atlantic): NOT PROVIDED Hooded seal (Western North Atlantic): NOT PROVIDED Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Killer whale, orca (Northwest Atlantic/Eastern Arctic): NOT PROVIDED Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED North Atlantic right whale (Western North Atlantic): NOT PROVIDED Northern bottlenose whale (Scotian Shelf): NOT PROVIDED Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): NOT PROVIDED Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): NOT PROVIDED Sowerby's beaked whale (Western North Atlantic): NOT PROVIDED Sperm whale, cachalot (Western North Atlantic): NOT PROVIDED White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED	
Basket cockle (<i>Clinocardium nuttallii</i>), Giant rock scallop (<i>Hinnites giganteus</i>), Hind's scallop (<i>Chlamys rubida</i>), Spiny scallop (<i>Chlamys hastata</i>), Weathervane scallop (<i>Patinopecten caurinus</i>), Yesso scallop (<i>Patinopecten yessoensis</i>)	Aquaculture (basket), (Surface), Aquaculture (coastal - shellfish beds), (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: 205	EEZ,(FAO:67 Pacific Northeast),British Columbia	California sea lion (Pacific) Harbor seal, common seal (Pacific coast stock delineation in CAN unknown) Sea otter (Pacific Coast of Canada) Steller sea lion, northern sea lion (Pacific)	California sea lion (Pacific): NOT PROVIDED Harbor seal, common seal (Pacific coast stock delineation in CAN unknown): NOT PROVIDED Sea otter (Pacific Coast of Canada): NOT PROVIDED Steller sea lion, northern sea lion (Pacific): NOT PROVIDED	

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Strongylocentrotus droebachiensis (Strongylocentrotus droebachiensis)	Aquaculture (coastal - shellfish beds), (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: 2	EEZ,(FAO:21 Atlantic Northwest),New Brunswick	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Blue whale (Western North Atlantic) Common bottlenose dolphin (Western North Atlantic) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (Northwest Atlantic/Eastern Arctic) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Short-finned pilot whale (Western North Atlantic) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Blue whale (Western North Atlantic): NOT PROVIDED Common bottlenose dolphin (Western North Atlantic): NOT PROVIDED Common minke whale (Atlantic Canada and Eastern Arctic): NOT PROVIDED Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): NOT PROVIDED Gray seal (Western North Atlantic): NOT PROVIDED Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): NOT PROVIDED Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): NOT PROVIDED Harp seal (Western North Atlantic): NOT PROVIDED Hooded seal (Western North Atlantic): NOT PROVIDED Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Killer whale, orca (Northwest Atlantic/Eastern Arctic): NOT PROVIDED Northern bottlenose whale (Western North Atlantic): NOT PROVIDED Northern bottlenose whale (Scotian Shelf): NOT PROVIDED Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): NOT PROVIDED Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): NOT PROVIDED Short-finned pilot whale (Western North Atlantic): NOT PROVIDED Sowerby's beaked whale (Western North Atlantic): NOT PROVIDED Sperm whale, cachalot (Western North Atlantic): NOT PROVIDED	
American cupped oyster (Crassostrea virginica)	Aquaculture (basket), (Surface), Aquaculture (coastal - shellfish beds), (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: 676	EEZ,(FAO:21 Atlantic Northwest),Prince Edward Island	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Beluga, white whale (St. Lawrence Estuary) Blue whale (Western North Atlantic) Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (Northwest Atlantic/Eastern Arctic) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Beluga, white whale (St. Lawrence Estuary): NOT PROVIDED Blue whale (Western North Atlantic): NOT PROVIDED Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Common minke whale (Atlantic Canada and Eastern Arctic): NOT PROVIDED Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): NOT PROVIDED Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): NOT PROVIDED Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): NOT PROVIDED Hooded seal (Western North Atlantic): NOT PROVIDED Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Killer whale, orca (Northwest Atlantic/Eastern Arctic): NOT PROVIDED Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED North Atlantic right whale (Western North Atlantic): NOT PROVIDED Northern bottlenose whale (Scotian Shelf): NOT PROVIDED Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): NOT PROVIDED Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): NOT PROVIDED Sowerby's beaked whale (Western North Atlantic): NOT PROVIDED Sperm whale, cachalot (Western North Atlantic): NOT PROVIDED White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED	
American cupped oyster (Crassostrea virginica)	Aquaculture (basket), (Surface)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: 5	EEZ,(FAO:21 Atlantic Northwest),Newfoundland and Labrador	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Blue whale (Western North Atlantic) Common minke whale (Atlantic Canada and Eastern Arctic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Blue whale (Western North Atlantic): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0	

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
American sea scallop (<i>Placopecten magellanicus</i>), Atlantic bay scallop (<i>Argopecten irradians</i>), Northern quahog(=Hard clam) (<i>Mercenaria mercenaria</i>), Sand gaper (<i>Mya arenaria</i>)	Aquaculture (basket), (Surface), Aquaculture (coastal - shellfish beds), (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: 782	EEZ,(FAO:21 Atlantic Northwest),Prince Edward Island	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Beluga, white whale (St. Lawrence Estuary) Blue whale (Western North Atlantic) Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (Northwest Atlantic/Eastern Arctic) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Beluga, white whale (St. Lawrence Estuary): NOT PROVIDED Blue whale (Western North Atlantic): NOT PROVIDED Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Common minke whale (Atlantic Canada and Eastern Arctic): NOT PROVIDED Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): NOT PROVIDED Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Gray seal (Western North Atlantic): NOT PROVIDED Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): NOT PROVIDED Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): NOT PROVIDED Harp seal (Western North Atlantic): NOT PROVIDED Hooded seal (Western North Atlantic): NOT PROVIDED Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Killer whale, orca (Northwest Atlantic/Eastern Arctic): NOT PROVIDED Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED North Atlantic right whale (Western North Atlantic): NOT PROVIDED Northern bottlenose whale (Scotian Shelf): NOT PROVIDED Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): NOT PROVIDED Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): NOT PROVIDED Sowerby's beaked whale (Western North Atlantic): NOT PROVIDED Sperm whale, cachalot (Western North Atlantic): NOT PROVIDED White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED	
American cupped oyster (<i>Crassostrea virginica</i>)	Aquaculture (basket), (Surface)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: 477	EEZ,(FAO:21 Atlantic Northwest),New Brunswick	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Blue whale (Western North Atlantic) Common bottlenose dolphin (Western North Atlantic) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (Northwest Atlantic/Eastern Arctic) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Short-finned pilot whale (Western North Atlantic) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Blue whale (Western North Atlantic): 0 Common bottlenose dolphin (Western North Atlantic): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (Northwest Atlantic/Eastern Arctic): 0 North Atlantic right whale (Western North Atlantic): 0 Northern bottlenose whale (Scotian Shelf): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Short-finned pilot whale (Western North Atlantic): 0 Sowerby's beaked whale (Western North Atlantic): 0 Sperm whale, cachalot (Western North Atlantic): 0	

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Sand gaper (<i>Mya arenaria</i>)	Aquaculture (basket), (Surface), Aquaculture (coastal - shellfish beds), (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: 39	EEZ,(FAO:21 Atlantic Northwest),New Brunswick	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Blue whale (Western North Atlantic) Common bottlenose dolphin (Western North Atlantic) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (Northwest Atlantic/Eastern Arctic) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Blue whale (Western North Atlantic): NOT PROVIDED Common bottlenose dolphin (Western North Atlantic): NOT PROVIDED Common minke whale (Atlantic Canada and Eastern Arctic): NOT PROVIDED Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): NOT PROVIDED Gray seal (Western North Atlantic): NOT PROVIDED Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): NOT PROVIDED Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): NOT PROVIDED Harp seal (Western North Atlantic): NOT PROVIDED Hooded seal (Western North Atlantic): NOT PROVIDED Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Killer whale, orca (Northwest Atlantic/Eastern Arctic): NOT PROVIDED North Atlantic right whale (Western North Atlantic): NOT PROVIDED Northern bottlenose whale (Scotian Shelf): NOT PROVIDED Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): NOT PROVIDED Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): NOT PROVIDED Sowerby's beaked whale (Western North Atlantic): NOT PROVIDED Sperm whale, cachalot (Western North Atlantic): NOT PROVIDED	
Northern quahog(=Hard clam) (<i>Mercenaria mercenaria</i>)	Aquaculture (basket), (Surface), Aquaculture (coastal - shellfish beds), (Surface)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: 106	EEZ,(FAO:21 Atlantic Northwest),New Brunswick	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Blue whale (Western North Atlantic) Common bottlenose dolphin (Western North Atlantic) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (Northwest Atlantic/Eastern Arctic) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Short-finned pilot whale (Western North Atlantic) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Blue whale (Western North Atlantic): NOT PROVIDED Common bottlenose dolphin (Western North Atlantic): NOT PROVIDED Common minke whale (Atlantic Canada and Eastern Arctic): NOT PROVIDED Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): NOT PROVIDED Gray seal (Western North Atlantic): NOT PROVIDED Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): NOT PROVIDED Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): NOT PROVIDED Harp seal (Western North Atlantic): NOT PROVIDED Hooded seal (Western North Atlantic): NOT PROVIDED Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Killer whale, orca (Northwest Atlantic/Eastern Arctic): NOT PROVIDED North Atlantic right whale (Western North Atlantic): NOT PROVIDED Northern bottlenose whale (Scotian Shelf): NOT PROVIDED Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): NOT PROVIDED Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): NOT PROVIDED Short-finned pilot whale (Western North Atlantic): NOT PROVIDED Sowerby's beaked whale (Western North Atlantic): NOT PROVIDED Sperm whale, cachalot (Western North Atlantic): NOT PROVIDED	

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Blue mussel (<i>Mytilus edulis</i>)	Aquaculture (mussel sock), (Surface)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: 387	EEZ,(FAO:21 Atlantic Northwest),Prince Edward Island	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Beluga, white whale (St. Lawrence Estuary) Blue whale (Western North Atlantic) Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (Northwest Atlantic/Eastern Arctic) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Sowerby's beaked whale (Western North Atlantic) Sperm whale cachalot (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Beluga, white whale (St. Lawrence Estuary): NOT PROVIDED Blue whale (Western North Atlantic): NOT PROVIDED Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Common minke whale (Atlantic Canada and Eastern Arctic): NOT PROVIDED Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): NOT PROVIDED Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Gray seal (Western North Atlantic): NOT PROVIDED Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): NOT PROVIDED Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): NOT PROVIDED Harp seal (Western North Atlantic): NOT PROVIDED Hooded seal (Western North Atlantic): NOT PROVIDED Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Killer whale, orca (Northwest Atlantic/Eastern Arctic): NOT PROVIDED Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED North Atlantic right whale (Western North Atlantic): NOT PROVIDED Northern bottlenose whale (Scotian Shelf): NOT PROVIDED Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): NOT PROVIDED Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): NOT PROVIDED Sowerby's beaked whale (Western North Atlantic): NOT PROVIDED Sperm whale, cachalot (Western North Atlantic): NOT PROVIDED White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED	
Blue mussel (<i>Mytilus edulis</i>), Mediterranean mussel (<i>Mytilus galloprovincialis</i>), Northern blue mussel (<i>Mytilus trossulus</i>)	Aquaculture (mussel sock), (Surface), Aquaculture (rafts, mats), (Surface)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: 205	EEZ,(FAO:67 Pacific Northeast),British Columbia	California sea lion (Pacific) Harbor porpoise (Pacific coast of Canada) Harbor seal, common seal (Pacific coast stock delineation in CAN unknown) Sea otter (Pacific Coast of Canada) Steller sea lion, northern sea lion (Pacific)	California sea lion (Pacific): NOT PROVIDED Harbor porpoise (Pacific coast of Canada): NOT PROVIDED Harbor seal, common seal (Pacific coast stock delineation in CAN unknown): NOT PROVIDED Sea otter (Pacific Coast of Canada): NOT PROVIDED Steller sea lion, northern sea lion (Pacific): NOT PROVIDED	
American cupped oyster (<i>Crassostrea virginica</i>), American sea scallop (<i>Placopecten magellanicus</i>), Atlantic bay scallop (<i>Argopecten irradians</i>), Blue mussel (<i>Mytilus edulis</i>)	Aquaculture (basket), (Surface), Aquaculture (mussel sock), (Surface)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: 3000	EEZ,(FAO:21 Atlantic Northwest),Quebec	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Beluga, white whale (St. Lawrence Estuary) Blue whale (Western North Atlantic) Common minke whale (Atlantic Canada and Eastern Arctic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Beluga, white whale (St. Lawrence Estuary): NOT PROVIDED Blue whale (Western North Atlantic): NOT PROVIDED Common minke whale (Atlantic Canada and Eastern Arctic): NOT PROVIDED Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Gray seal (Western North Atlantic): NOT PROVIDED Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): NOT PROVIDED Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): NOT PROVIDED Harp seal (Western North Atlantic): NOT PROVIDED Hooded seal (Western North Atlantic): NOT PROVIDED Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED North Atlantic right whale (Western North Atlantic): NOT PROVIDED	

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Northern quahog(=Hard clam) (Mercenaria mercenaria)	Aquaculture (coastal - shellfish beds), (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: 27	EEZ,(FAO:21 Atlantic Northwest),Nova Scotia	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Blue whale (Eastern North Pacific) Blue whale (Western North Atlantic) Common bottlenose dolphin (Western North Atlantic) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (Northwest Atlantic/Eastern Arctic) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Short-finned pilot whale (Western North Atlantic) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Blue whale (Eastern North Pacific): 0 Blue whale (Western North Atlantic): 0 Common bottlenose dolphin (Western North Atlantic): NOT PROVIDED Common minke whale (Atlantic Canada and Eastern Arctic): 0 Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): NOT PROVIDED Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Gray seal (Western North Atlantic): NOT PROVIDED Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): NOT PROVIDED Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): NOT PROVIDED Harp seal (Western North Atlantic): NOT PROVIDED Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Killer whale, orca (Northwest Atlantic/Eastern Arctic): NOT PROVIDED North Atlantic right whale (Western North Atlantic): NOT PROVIDED Northern bottlenose whale (Scotian Shelf): NOT PROVIDED Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): NOT PROVIDED Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): NOT PROVIDED Short-finned pilot whale (Western North Atlantic): NOT PROVIDED Sowerby's beaked whale (Western North Atlantic): NOT PROVIDED Sperm whale, cachalot (Western North Atlantic): NOT PROVIDED White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED	
Atlantic surf clam (Spisula solidissima)	Aquaculture (coastal - shellfish beds), (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: 2	EEZ,(FAO:21 Atlantic Northwest),Nova Scotia	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Blue whale (Western North Atlantic) Common bottlenose dolphin (Western North Atlantic) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (Northwest Atlantic/Eastern Arctic) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Short-finned pilot whale (Western North Atlantic) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Blue whale (Western North Atlantic): NOT PROVIDED Common bottlenose dolphin (Western North Atlantic): NOT PROVIDED Common minke whale (Atlantic Canada and Eastern Arctic): NOT PROVIDED Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): NOT PROVIDED Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Gray seal (Western North Atlantic): NOT PROVIDED Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): NOT PROVIDED Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): NOT PROVIDED Harp seal (Western North Atlantic): NOT PROVIDED Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Killer whale, orca (Northwest Atlantic/Eastern Arctic): NOT PROVIDED North Atlantic right whale (Western North Atlantic): NOT PROVIDED Northern bottlenose whale (Scotian Shelf): NOT PROVIDED Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): NOT PROVIDED Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): NOT PROVIDED Short-finned pilot whale (Western North Atlantic): NOT PROVIDED Sowerby's beaked whale (Western North Atlantic): NOT PROVIDED Sperm whale, cachalot (Western North Atlantic): NOT PROVIDED White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED	

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Atl.jackknife(=Atl.razor clam) (Ensis directus), Sand gaper (Mya arenaria)	Aquaculture (basket), (Surface), Aquaculture (coastal - shellfish beds), (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: 16	EEZ,(FAO:21 Atlantic Northwest),Nova Scotia	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Blue whale (Western North Atlantic) Common bottlenose dolphin (Western North Atlantic) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (Northwest Atlantic/Eastern Arctic) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Short-finned pilot whale (Western North Atlantic) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Blue whale (Western North Atlantic): NOT PROVIDED Common bottlenose dolphin (Western North Atlantic): NOT PROVIDED Common minke whale (Atlantic Canada and Eastern Arctic): NOT PROVIDED Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): NOT PROVIDED Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Gray seal (Western North Atlantic): NOT PROVIDED Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): NOT PROVIDED Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): NOT PROVIDED Harp seal (Western North Atlantic): NOT PROVIDED Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Killer whale, orca (Northwest Atlantic/Eastern Arctic): NOT PROVIDED North Atlantic right whale (Western North Atlantic): NOT PROVIDED Northern bottlenose whale (Scotian Shelf): NOT PROVIDED Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): NOT PROVIDED Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): NOT PROVIDED Short-finned pilot whale (Western North Atlantic): NOT PROVIDED Sowerby's beaked whale (Western North Atlantic): NOT PROVIDED Sperm whale, cachalot (Western North Atlantic): NOT PROVIDED White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED	
Atlantic bay scallop (Argopecten irradians)	Aquaculture (bottom), (Bottom), Aquaculture (coastal - shellfish beds), (Bottom), Aquaculture (not specified), (Surface)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: 18	EEZ,(FAO:21 Atlantic Northwest),Nova Scotia	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Blue whale (Western North Atlantic) Common bottlenose dolphin (Western North Atlantic) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (Northwest Atlantic/Eastern Arctic) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Short-finned pilot whale (Western North Atlantic) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Blue whale (Western North Atlantic): NOT PROVIDED Common bottlenose dolphin (Western North Atlantic): NOT PROVIDED Common minke whale (Atlantic Canada and Eastern Arctic): NOT PROVIDED Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): NOT PROVIDED Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Gray seal (Western North Atlantic): NOT PROVIDED Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): NOT PROVIDED Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): NOT PROVIDED Harp seal (Western North Atlantic): NOT PROVIDED Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Killer whale, orca (Northwest Atlantic/Eastern Arctic): NOT PROVIDED North Atlantic right whale (Western North Atlantic): NOT PROVIDED Northern bottlenose whale (Scotian Shelf): NOT PROVIDED Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): NOT PROVIDED Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): NOT PROVIDED Short-finned pilot whale (Western North Atlantic): NOT PROVIDED Sowerby's beaked whale (Western North Atlantic): NOT PROVIDED Sperm whale, cachalot (Western North Atlantic): NOT PROVIDED White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED	

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
American sea scallop (<i>Placopecten magellanicus</i>)	Aquaculture (basket), (Surface)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: 36	EEZ,(FAO:21 Atlantic Northwest),Nova Scotia	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Blue whale (Western North Atlantic) Common bottlenose dolphin (Western North Atlantic) Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (Northwest Atlantic/Eastern Arctic) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Short-finned pilot whale (Western North Atlantic) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Blue whale (Western North Atlantic): 0 Common bottlenose dolphin (Western North Atlantic): 0 Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (Northwest Atlantic/Eastern Arctic): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 North Atlantic right whale (Western North Atlantic): 0 Northern bottlenose whale (Scotian Shelf): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Short-finned pilot whale (Western North Atlantic): 0 Sowerby's beaked whale (Western North Atlantic): 0 Sperm whale, cachalot (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0	
Babberlocks (<i>Alaria esculenta</i>), Dulse (<i>Palmaria palmata</i>), Kelps nei (<i>Laminariaceae</i>), Sea belt (<i>Saccharina latissima</i>), Sea lettuce (<i>Ulva lactuca</i>)	Aquaculture (not specified), (Surface)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: 23	EEZ,(FAO:21 Atlantic Northwest),Nova Scotia	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Blue whale (Western North Atlantic) Common bottlenose dolphin (Western North Atlantic) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (Northwest Atlantic/Eastern Arctic) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Short-finned pilot whale (Western North Atlantic) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Blue whale (Western North Atlantic): NOT PROVIDED Common bottlenose dolphin (Western North Atlantic): NOT PROVIDED Common minke whale (Atlantic Canada and Eastern Arctic): NOT PROVIDED Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): NOT PROVIDED Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Gray seal (Western North Atlantic): NOT PROVIDED Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): NOT PROVIDED Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): NOT PROVIDED Harp seal (Western North Atlantic): NOT PROVIDED Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Killer whale, orca (Northwest Atlantic/Eastern Arctic): NOT PROVIDED North Atlantic right whale (Western North Atlantic): NOT PROVIDED Northern bottlenose whale (Scotian Shelf): NOT PROVIDED Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): NOT PROVIDED Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): NOT PROVIDED Short-finned pilot whale (Western North Atlantic): NOT PROVIDED Sowerby's beaked whale (Western North Atlantic): NOT PROVIDED Sperm whale, cachalot (Western North Atlantic): NOT PROVIDED White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED	

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Sea urchins nei (<i>Strongylocentrotus</i> spp)	Aquaculture (coastal - shellfish beds), (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: 6	EEZ,(FAO:21 Atlantic Northwest),Quebec	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Beluga, white whale (St. Lawrence Estuary) Blue whale (Western North Atlantic) Common minke whale (Atlantic Canada and Eastern Arctic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Beluga, white whale (St. Lawrence Estuary): 0 Blue whale (Western North Atlantic): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0	
Babberlocks (<i>Alaria esculenta</i>), Tangle (<i>Laminaria digitata</i>)	Aquaculture (not specified), (Surface)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: 2	EEZ,(FAO:21 Atlantic Northwest),New Brunswick	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Blue whale (Western North Atlantic) Common bottlenose dolphin (Western North Atlantic) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (Northwest Atlantic/Eastern Arctic) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Short-finned pilot whale (Western North Atlantic) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic)	North Atlantic right whale (Western North Atlantic): 0 Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Blue whale (Western North Atlantic): NOT PROVIDED Common bottlenose dolphin (Western North Atlantic): NOT PROVIDED Common minke whale (Atlantic Canada and Eastern Arctic): NOT PROVIDED Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): NOT PROVIDED Gray seal (Western North Atlantic): NOT PROVIDED Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): NOT PROVIDED Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): NOT PROVIDED Harp seal (Western North Atlantic): NOT PROVIDED Hooded seal (Western North Atlantic): NOT PROVIDED Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Killer whale, orca (Northwest Atlantic/Eastern Arctic): NOT PROVIDED North Atlantic right whale (Western North Atlantic): NOT PROVIDED Northern bottlenose whale (Scotian Shelf): NOT PROVIDED Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): NOT PROVIDED Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): NOT PROVIDED Short-finned pilot whale (Western North Atlantic): NOT PROVIDED Sowerby's beaked whale (Western North Atlantic): NOT PROVIDED Sperm whale, cachalot (Western North Atlantic): NOT PROVIDED	
Giant red sea cucumber (<i>Parastichopus californicus</i>), Red sea urchin (<i>Strongylocentrotus franciscanus</i>), <i>Strongylocentrotus droebachiensis</i> (<i>Strongylocentrotus droebachiensis</i>)	Aquaculture (coastal - shellfish beds), (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: 15	EEZ,(FAO:67 Pacific Northeast),British Columbia	California sea lion (Pacific) Harbor seal, common seal (Pacific coast stock delineation in CAN unknown) Sea otter (Pacific Coast of Canada) Steller sea lion, northern sea lion (Pacific)	California sea lion (Pacific): 0 Harbor seal, common seal (Pacific coast stock delineation in CAN unknown): NOT PROVIDED Sea otter (Pacific Coast of Canada): NOT PROVIDED Steller sea lion, northern sea lion (Pacific): NOT PROVIDED	

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Blue mussel (<i>Mytilus edulis</i>)	Aquaculture (mussel sock), (Surface)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: 29	EEZ,(FAO:21 Atlantic Northwest),New Brunswick	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Blue whale (Western North Atlantic) Common bottlenose dolphin (Western North Atlantic) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (Northwest Atlantic/Eastern Arctic) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Blue whale (Western North Atlantic): NOT PROVIDED Common bottlenose dolphin (Western North Atlantic): NOT PROVIDED Common minke whale (Atlantic Canada and Eastern Arctic): NOT PROVIDED Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): NOT PROVIDED Gray seal (Western North Atlantic): NOT PROVIDED Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): NOT PROVIDED Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): NOT PROVIDED Hooded seal (Western North Atlantic): NOT PROVIDED Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Killer whale, orca (Northwest Atlantic/Eastern Arctic): NOT PROVIDED North Atlantic right whale (Western North Atlantic): NOT PROVIDED Northern bottlenose whale (Scotian Shelf): NOT PROVIDED Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): NOT PROVIDED Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): NOT PROVIDED Sowerby's beaked whale (Western North Atlantic): NOT PROVIDED Sperm whale, cachalot (Western North Atlantic): NOT PROVIDED	
Bloodworm (<i>Glycera dibranchiata</i>)	Aquaculture (bottom), (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: 1	EEZ,(FAO:21 Atlantic Northwest),Nova Scotia	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Blue whale (Western North Atlantic) Common bottlenose dolphin (Western North Atlantic) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (Northwest Atlantic/Eastern Arctic) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Short-finned pilot whale (Western North Atlantic) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Blue whale (Western North Atlantic): NOT PROVIDED Common bottlenose dolphin (Western North Atlantic): NOT PROVIDED Common minke whale (Atlantic Canada and Eastern Arctic): NOT PROVIDED Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): NOT PROVIDED Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Gray seal (Western North Atlantic): NOT PROVIDED Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): NOT PROVIDED Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): NOT PROVIDED Harp seal (Western North Atlantic): NOT PROVIDED Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Killer whale, orca (Northwest Atlantic/Eastern Arctic): NOT PROVIDED North Atlantic right whale (Western North Atlantic): NOT PROVIDED Northern bottlenose whale (Scotian Shelf): NOT PROVIDED Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): NOT PROVIDED Short-finned pilot whale (Western North Atlantic): NOT PROVIDED Sowerby's beaked whale (Western North Atlantic): NOT PROVIDED Sperm whale, cachalot (Western North Atlantic): NOT PROVIDED White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED	
Babberlocks (<i>Alaria esculenta</i>), Bull kelp (<i>Durvillaea antarctica</i>), Giant kelps nei (<i>Macrocystis</i> spp), Kelps nei (<i>Laminariaceae</i>), Sea belt (<i>Saccharina latissima</i>), Sea lettuce (<i>Ulva lactuca</i>)	Aquaculture (not specified), (Surface), Aquaculture (rafts, mats), (Surface)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: 10	EEZ,(FAO:67 Pacific Northeast),British Columbia	California sea lion (Pacific) Harbor seal, common seal (Pacific coast stock delineation in CAN unknown) Sea otter (Pacific Coast of Canada) Steller sea lion, northern sea lion (Pacific)	California sea lion (Pacific): 0 Harbor seal, common seal (Pacific coast stock delineation in CAN unknown): 0 Sea otter (Pacific Coast of Canada): 0 Steller sea lion, northern sea lion (Pacific): 0	

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Atlantic surf clam (<i>Spisula solidissima</i>)	Aquaculture (basket), (Surface), Aquaculture (coastal - shellfish beds), (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: 71	EEZ,(FAO:21 Atlantic Northwest),New Brunswick	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Blue whale (Western North Atlantic) Common bottlenose dolphin (Western North Atlantic) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (Northwest Atlantic/Eastern Arctic) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Blue whale (Western North Atlantic): NOT PROVIDED Common bottlenose dolphin (Western North Atlantic): NOT PROVIDED Gray seal (Western North Atlantic): NOT PROVIDED Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): NOT PROVIDED Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): NOT PROVIDED Hooded seal (Western North Atlantic): NOT PROVIDED Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Killer whale, orca (Northwest Atlantic/Eastern Arctic): NOT PROVIDED North Atlantic right whale (Western North Atlantic): NOT PROVIDED Northern bottlenose whale (Scotian Shelf): NOT PROVIDED Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): NOT PROVIDED Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): NOT PROVIDED Sowerby's beaked whale (Western North Atlantic): NOT PROVIDED Sperm whale, cachalot (Western North Atlantic): NOT PROVIDED	
Periwinkles nei (<i>Littorina</i> spp), Razor clams/knife clams nei (<i>Solenidae</i>), Whelks (<i>Busycon</i> spp)	Aquaculture (basket), (Surface)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: 6	EEZ,(FAO:21 Atlantic Northwest),New Brunswick	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Blue whale (Western North Atlantic) Common bottlenose dolphin (Western North Atlantic) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (Northwest Atlantic/Eastern Arctic) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Short-finned pilot whale (Western North Atlantic) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Blue whale (Western North Atlantic): NOT PROVIDED Common bottlenose dolphin (Western North Atlantic): NOT PROVIDED Common minke whale (Atlantic Canada and Eastern Arctic): NOT PROVIDED Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): NOT PROVIDED Gray seal (Western North Atlantic): NOT PROVIDED Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): NOT PROVIDED Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): NOT PROVIDED Harp seal (Western North Atlantic): NOT PROVIDED Hooded seal (Western North Atlantic): NOT PROVIDED Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Killer whale, orca (Northwest Atlantic/Eastern Arctic): NOT PROVIDED North Atlantic right whale (Western North Atlantic): NOT PROVIDED Northern bottlenose whale (Scotian Shelf): NOT PROVIDED Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): NOT PROVIDED Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): NOT PROVIDED Short-finned pilot whale (Western North Atlantic): NOT PROVIDED Sowerby's beaked whale (Western North Atlantic): NOT PROVIDED Sperm whale, cachalot (Western North Atlantic): NOT PROVIDED	

Target Species or Product	Gear Type	Number of Vessels/ Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
<p>Amer. plaice(=Long rough dab) (Hippoglossoides platessoides), American angler (Lophius americanus), Argentines nei (Argentinidae), Atlantic cod (Gadus morhua), Atlantic cod (Gadus morhua), Atlantic halibut (Hippoglossus hippoglossus), Atlantic redfishes nei (Sebastes spp), Atlantic redfishes nei (Sebastes spp), Atlantic searobins (Prionotus spp), Cunner (Tautoglabrus adspersus), Dogfish sharks nei (Squalidae), Flatfishes nei (Pleuronectiformes), Greater argentine (Argentina silus), Greenland cod (Gadus ogac), Greenland halibut (Reinhardtius hippoglossoides), Groundfishes nei (Osteichthyes), Haddock (Melanogrammus aeglefinus), Haddock (Melanogrammus aeglefinus), Hagfish (Myxine glutinosa), Ling (Molva molva), Lumpfish(=Lumpsucker) (Cyclopterus lumpus), Ocean pout (Macrozoarces americanus), Polar cod (Boreogadus saida), Raja rays nei (Raja spp), Red hake (Urophycis chuss), Roughhead grenadier (Macrourus berglax), Roundnose grenadier (Coryphaenoides rupestris), Saithe(=Pollock) (Pollachius virens), Saithe(=Pollock) (Pollachius virens), Sandeels(=Sandlances) nei (Ammodytes spp), Sculpins (Myoxocephalus spp), Silver hake (Merluccius bilinearis), Tusk(=Cusk) (Brosme brosme), White hake (Urophycis tenuis), Winter flounder (Pseudopleuronectes americanus), Winter flounder (Pseudopleuronectes americanus), Witch flounder (Glyptocephalus cynoglossus), Wolffishes(=Catfishes) nei (Anarhichas spp), Yellowtail flounder (Limanda ferruginea)</p>	<p>Danish seines, (Surface), Scottish seines, (Surface)</p>	<p>Number of Vessels: none provided, Licenses: 57, Participants: none provided, Aquaculture Facilities: none provided</p>	<p>EEZ,(FAO:21 Atlantic Northwest),21.4.V, 21.4.W, 21.4.X, 21.5.Y, 21.5.Z, 21.5.Z.c, 21.5.Z.e, 21.5.Z.u, 21.5.Z.w,Maritimes (Maritimes Region 4X5 and 4VW Pollock ; 4X5Y Haddock, 4VW Flatfish ; 4X Winter flounder; Unit 1, 2 and 3 Redfish; 5Z Haddock, Pollock and Cod; 4VWX Argentine)</p>	<p>Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Blainville's beaked whale (Western North Atlantic) Blue whale (Western North Atlantic) Common bottlenose dolphin (Western North Atlantic) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Dwarf sperm whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (Northwest Atlantic/Eastern Arctic) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Pygmy sperm whale (Western North Atlantic) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Short-finned pilot whale (Western North Atlantic) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) Striped dolphin (Western North Atlantic) True's beaked whale (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)</p>	<p>Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Blainville's beaked whale (Western North Atlantic): NOT PROVIDED Blue whale (Western North Atlantic): NOT PROVIDED Common bottlenose dolphin (Western North Atlantic): NOT PROVIDED Common minke whale (Atlantic Canada and Eastern Arctic): NOT PROVIDED Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): NOT PROVIDED Dwarf sperm whale (Western North Atlantic): NOT PROVIDED Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Gray seal (Western North Atlantic): NOT PROVIDED Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): NOT PROVIDED Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): NOT PROVIDED Harp seal (Western North Atlantic): NOT PROVIDED Hooded seal (Western North Atlantic): NOT PROVIDED Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Killer whale, orca (Northwest Atlantic/Eastern Arctic): NOT PROVIDED Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED North Atlantic right whale (Western North Atlantic): NOT PROVIDED Northern bottlenose whale (Scotian Shelf): NOT PROVIDED Pygmy sperm whale (Western North Atlantic): NOT PROVIDED Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, ewfoundland): nNOT PROVIDEDSei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): NOT PROVIDED Short-finned pilot whale (Western North Atlantic): NOT PROVIDED Sowerby's beaked whale (Western North Atlantic): NOT PROVIDED Sperm whale, cachalot (Western North Atlantic): NOT PROVIDED Striped dolphin (Western North Atlantic): NOT PROVIDED True's beaked whale (Western North Atlantic): NOT PROVIDED White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Blue whale (Western North Atlantic): NOT PROVIDED Common minke whale (Atlantic Canada and Eastern Arctic): NOT PROVIDED Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): NOT PROVIDED Gray seal (Western North Atlantic): NOT PROVIDED Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): NOT PROVIDED Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): NOT PROVIDED Harp seal (Western North Atlantic): NOT PROVIDED Hooded seal (Western North Atlantic): NOT PROVIDED Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Killer whale, orca (Northwest Atlantic/Eastern Arctic): NOT PROVIDED North Atlantic right whale (Western North Atlantic): NOT PROVIDED Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): NOT PROVIDED Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): NOT PROVIDED Sowerby's beaked whale (Western North Atlantic): NOT PROVIDED Sperm whale, cachalot (Western North Atlantic): NOT PROVIDED</p>	
<p>American sea scallop (Placopecten magellanicus), Atlantic bay scallop (Argopecten irradians)</p>	<p>Aquaculture (basket), (Surface), Aquaculture (coastal - shellfish beds), (Bottom)</p>	<p>Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: 43</p>	<p>EEZ,(FAO:21 Atlantic Northwest),New Brunswick</p>	<p>Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Blue whale (Western North Atlantic) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (Northwest Atlantic/Eastern Arctic) North Atlantic right whale (Western North Atlantic) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic)</p>	<p>Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Blue whale (Western North Atlantic): NOT PROVIDED Common minke whale (Atlantic Canada and Eastern Arctic): NOT PROVIDED Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): NOT PROVIDED Gray seal (Western North Atlantic): NOT PROVIDED Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): NOT PROVIDED Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): NOT PROVIDED Harp seal (Western North Atlantic): NOT PROVIDED Hooded seal (Western North Atlantic): NOT PROVIDED Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Killer whale, orca (Northwest Atlantic/Eastern Arctic): NOT PROVIDED North Atlantic right whale (Western North Atlantic): NOT PROVIDED Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): NOT PROVIDED Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): NOT PROVIDED Sowerby's beaked whale (Western North Atlantic): NOT PROVIDED Sperm whale, cachalot (Western North Atlantic): NOT PROVIDED</p>	
<p>American cupped oyster (Crassostrea virginica), European flat oyster (Ostrea edulis), Kumamoto oyster (Crassostrea sikamea), Pacific cupped oyster (Crassostrea gigas)</p>	<p>Aquaculture (rafts, mats), (Surface)</p>	<p>Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: 464</p>	<p>EEZ,(FAO:67 Pacific Northeast),British Columbia</p>	<p>California sea lion (Pacific) Harbor porpoise (Pacific coast of Canada) Harbor seal, common seal (Pacific coast stock delineation in CAN unknown) Sea otter (Pacific Coast of Canada) Steller sea lion, northern sea lion (Pacific)</p>	<p>California sea lion (Pacific): NOT PROVIDED Harbor porpoise (Pacific coast of Canada): NOT PROVIDED Harbor seal, common seal (Pacific coast stock delineation in CAN unknown): NOT PROVIDED Sea otter (Pacific Coast of Canada): NOT PROVIDED Steller sea lion, northern sea lion (Pacific): NOT PROVIDED</p>	

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Herrings/sardines nei (Clupeidae)	Handlines and hand-operated pole-and-lines, (Pelagic), Mechanized lines and pole-and-lines, (Pelagic)	Number of Vessels: none provided, Licenses: 0 (see comment), Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.4.S,Quebec Region (15)	Atlantic bearded seal (Arctic/Labrador) Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Beluga, white whale (St. Lawrence Estuary) Blue whale (Western North Atlantic) Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Common minke whale (Atlantic Canada and Eastern Arctic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (UNKNOWN) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Ringed seal (Arctic & Labrador) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Sperm whale, cachalot (Western North Atlantic) Striped dolphin (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic bearded seal (Arctic/Labrador): NOT PROVIDED Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Beluga, white whale (St. Lawrence Estuary): NOT PROVIDED Blue whale (Western North Atlantic): NOT PROVIDED Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Common minke whale (Atlantic Canada and Eastern Arctic): NOT PROVIDED Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Gray seal (Western North Atlantic): NOT PROVIDED Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): NOT PROVIDED Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): NOT PROVIDED Harp seal (Western North Atlantic): NOT PROVIDED Hooded seal (Western North Atlantic): NOT PROVIDED Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Killer whale, orca (UNKNOWN): NOT PROVIDED Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED North Atlantic right whale (Western North Atlantic): NOT PROVIDED Ringed seal (Arctic & Labrador): NOT PROVIDED Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): NOT PROVIDED Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): NOT PROVIDED Sperm whale, cachalot (Western North Atlantic): NOT PROVIDED Striped dolphin (Western North Atlantic): NOT PROVIDED White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED	
Clams/etc. nei (Bivalvia)	Dredges (not specified), (Bottom)	Number of Vessels: none provided, Licenses: 5, 0 active in 2018, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.4.T,Quebec Region (Magdalen Islands)	Atlantic bearded seal (Arctic/Labrador) Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Beluga, white whale (St. Lawrence Estuary) Blue whale (Western North Atlantic) Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Common minke whale (Atlantic Canada and Eastern Arctic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (UNKNOWN) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Ringed seal (Arctic & Labrador) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Sperm whale, cachalot (Western North Atlantic) Striped dolphin (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic bearded seal (Arctic/Labrador): NOT PROVIDED Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Beluga, white whale (St. Lawrence Estuary): NOT PROVIDED Blue whale (Western North Atlantic): NOT PROVIDED Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Common minke whale (Atlantic Canada and Eastern Arctic): NOT PROVIDED Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Gray seal (Western North Atlantic): NOT PROVIDED Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): NOT PROVIDED Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): NOT PROVIDED Harp seal (Western North Atlantic): NOT PROVIDED Hooded seal (Western North Atlantic): NOT PROVIDED Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Killer whale, orca (UNKNOWN): NOT PROVIDED Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED North Atlantic right whale (Western North Atlantic): NOT PROVIDED Ringed seal (Arctic & Labrador): NOT PROVIDED Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): NOT PROVIDED Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): NOT PROVIDED Sperm whale, cachalot (Western North Atlantic): NOT PROVIDED Striped dolphin (Western North Atlantic): NOT PROVIDED White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED	

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Witch flounder (<i>Glyptocephalus cynoglossus</i>)	Danish seines, (Bottom)	Number of Vessels: none provided, Licenses: 0 active in 2018 (See comment), Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.4.R, 21.4.S, 21.4.T,Quebec Region (4RST)	Atlantic bearded seal (Arctic/Labrador) Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Beluga, white whale (St. Lawrence Estuary) Blue whale (Western North Atlantic) Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Common minke whale (Atlantic Canada and Eastern Arctic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (UNKNOWN) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Ringed seal (Arctic & Labrador) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Sperm whale, cachalot (Western North Atlantic) Striped dolphin (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic bearded seal (Arctic/Labrador): NOT PROVIDED Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Beluga, white whale (St. Lawrence Estuary): NOT PROVIDED Blue whale (Western North Atlantic): NOT PROVIDED Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Common minke whale (Atlantic Canada and Eastern Arctic): NOT PROVIDED Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Gray seal (Western North Atlantic): NOT PROVIDED Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): NOT PROVIDED Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): NOT PROVIDED Harp seal (Western North Atlantic): NOT PROVIDED Hooded seal (Western North Atlantic): NOT PROVIDED Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Killer whale, orca (UNKNOWN): NOT PROVIDED Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED North Atlantic right whale (Western North Atlantic): NOT PROVIDED Ringed seal (Arctic & Labrador): NOT PROVIDED Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): NOT PROVIDED Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): NOT PROVIDED Sperm whale, cachalot (Western North Atlantic): NOT PROVIDED Striped dolphin (Western North Atlantic): NOT PROVIDED White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED	
Yellowtail flounder (<i>Limanda ferruginea</i>)	Danish seines, (Bottom)	Number of Vessels: none provided, Licenses: 18 groundfish licence holders (see comments), Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.4.T,Quebec Region (4T2a)	Atlantic bearded seal (Arctic/Labrador) Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Beluga, white whale (St. Lawrence Estuary) Blue whale (Western North Atlantic) Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Common minke whale (Atlantic Canada and Eastern Arctic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (UNKNOWN) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Ringed seal (Arctic & Labrador) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Sperm whale, cachalot (Western North Atlantic) Striped dolphin (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic bearded seal (Arctic/Labrador): NOT PROVIDED Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Beluga, white whale (St. Lawrence Estuary): NOT PROVIDED Blue whale (Western North Atlantic): NOT PROVIDED Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Common minke whale (Atlantic Canada and Eastern Arctic): NOT PROVIDED Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Gray seal (Western North Atlantic): NOT PROVIDED Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): NOT PROVIDED Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): NOT PROVIDED Harp seal (Western North Atlantic): NOT PROVIDED Hooded seal (Western North Atlantic): NOT PROVIDED Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Killer whale, orca (UNKNOWN): NOT PROVIDED Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED North Atlantic right whale (Western North Atlantic): NOT PROVIDED Ringed seal (Arctic & Labrador): NOT PROVIDED Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): NOT PROVIDED Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): NOT PROVIDED Sperm whale, cachalot (Western North Atlantic): NOT PROVIDED Striped dolphin (Western North Atlantic): NOT PROVIDED White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED	
Butter clam (<i>Saxidomus giganteus</i>), Manila clam (<i>Corbicula manilensis</i>), Nuttall's mahogany clam (<i>Nuttallia nuttallii</i>), Pacific geoduck (<i>Panopea generosa</i>), Pacific horse clams nei (<i>Tresus</i> spp), Pacific littleneck clam (<i>Protothaca staminea</i>), Varnish clam (<i>Nuttallia obscurata</i>)	Aquaculture (coastal - shellfish beds), (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: 317	EEZ,(FAO:67 Pacific Northeast),British Columbia	California sea lion (Pacific) Harbor seal, common seal (Pacific coast stock delineation in CAN unknown) Sea otter (Pacific Coast of Canada) Steller sea lion, northern sea lion (Pacific)	California sea lion (Pacific): NOT PROVIDED Harbor seal, common seal (Pacific coast stock delineation in CAN unknown): NOT PROVIDED Sea otter (Pacific Coast of Canada): NOT PROVIDED Steller sea lion, northern sea lion (Pacific): NOT PROVIDED	

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Blue mussel (<i>Mytilus edulis</i>)	Aquaculture (mussel sock), (Surface)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: 68	EEZ,(FAO:21 Atlantic Northwest),Nova Scotia	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Blue whale (Western North Atlantic) Common bottlenose dolphin (Western North Atlantic) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (Northwest Atlantic/Eastern Arctic) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Short-finned pilot whale (Western North Atlantic) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Blue whale (Western North Atlantic): NOT PROVIDED Common bottlenose dolphin (Western North Atlantic): NOT PROVIDED Common minke whale (Atlantic Canada and Eastern Arctic): NOT PROVIDED Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): NOT PROVIDED Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Gray seal (Western North Atlantic): NOT PROVIDED Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): NOT PROVIDED Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): NOT PROVIDED Harp seal (Western North Atlantic): NOT PROVIDED Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Killer whale, orca (Northwest Atlantic/Eastern Arctic): NOT PROVIDED North Atlantic right whale (Western North Atlantic): NOT PROVIDED Northern bottlenose whale (Scotian Shelf): NOT PROVIDED Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): NOT PROVIDED Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): NOT PROVIDED Short-finned pilot whale (Western North Atlantic): NOT PROVIDED Sowerby's beaked whale (Western North Atlantic): NOT PROVIDED Sperm whale, cachalot (Western North Atlantic): NOT PROVIDED White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED	
American cupped oyster (<i>Crassostrea virginica</i>), European flat oyster (<i>Ostrea edulis</i>)	Aquaculture (basket), (Surface), Aquaculture (coastal - shellfish beds), (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: 140	EEZ,(FAO:21 Atlantic Northwest),Nova Scotia	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Blue whale (Western North Atlantic) Common bottlenose dolphin (Western North Atlantic) Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor porpoise (Newfoundland) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (Northwest Atlantic/Eastern Arctic) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Davis Strait/Baffin Bay/Labrador Sea) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Blue whale (Western North Atlantic): 0 Common bottlenose dolphin (Western North Atlantic): 0 Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harbor porpoise (Newfoundland): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (Northwest Atlantic/Eastern Arctic): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 North Atlantic right whale (Western North Atlantic): 0 Northern bottlenose whale (Davis Strait/Baffin Bay/Labrador Sea): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Sowerby's beaked whale (Western North Atlantic): 0 Sperm whale, cachalot (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0	
Herrings/sardines nei (<i>Clupeidae</i>)	Handlines and hand-operated pole-and-lines, (Surface)	UNKNOWN	EEZ,(FAO:21 Atlantic Northwest),21.4.T, 21.4.V.n,Gulf Region (4TVn)			

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Atlantic cod (<i>Gadus morhua</i>)	Handlines and hand-operated pole-and-lines, (Surface)	Number of Vessels: 0, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.3.P.n, 21.4.R, 21.4.S,Gulf Region (4RS3Pn)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Beluga, white whale (St. Lawrence Estuary) Blue whale (Western North Atlantic) Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (Northwest Atlantic/Eastern Arctic) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Beluga, white whale (St. Lawrence Estuary): NOT PROVIDED Blue whale (Western North Atlantic): NOT PROVIDED Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Common minke whale (Atlantic Canada and Eastern Arctic): NOT PROVIDED Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): NOT PROVIDED Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Gray seal (Western North Atlantic): NOT PROVIDED Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): NOT PROVIDED Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): NOT PROVIDED Harp seal (Western North Atlantic): NOT PROVIDED Hooded seal (Western North Atlantic): NOT PROVIDED Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Killer whale, orca (Northwest Atlantic/Eastern Arctic): NOT PROVIDED Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED North Atlantic right whale (Western North Atlantic): NOT PROVIDED Northern bottlenose whale (Scotian Shelf): NOT PROVIDED Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): NOT PROVIDED Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): NOT PROVIDED Sowerby's beaked whale (Western North Atlantic): NOT PROVIDED Sperm whale, cachalot (Western North Atlantic): NOT PROVIDED White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED	
Atlantic cod (<i>Gadus morhua</i>), Atlantic redfishes nei (<i>Sebastes</i> spp)	Danish seines, (Bottom)	Number of Vessels: 1, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.4.R, 21.4.S, 21.4.T,Gulf Region - UNIT 1 (4RST)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Beluga, white whale (St. Lawrence Estuary) Blue whale (Western North Atlantic) Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (Northwest Atlantic/Eastern Arctic) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Beluga, white whale (St. Lawrence Estuary): NOT PROVIDED Blue whale (Western North Atlantic): NOT PROVIDED Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Common minke whale (Atlantic Canada and Eastern Arctic): NOT PROVIDED Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): NOT PROVIDED Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Gray seal (Western North Atlantic): NOT PROVIDED Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): NOT PROVIDED Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): NOT PROVIDED Harp seal (Western North Atlantic): NOT PROVIDED Hooded seal (Western North Atlantic): NOT PROVIDED Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Killer whale, orca (Northwest Atlantic/Eastern Arctic): NOT PROVIDED Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED North Atlantic right whale (Western North Atlantic): NOT PROVIDED Northern bottlenose whale (Scotian Shelf): NOT PROVIDED Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): NOT PROVIDED Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): NOT PROVIDED Sowerby's beaked whale (Western North Atlantic): NOT PROVIDED Sperm whale, cachalot (Western North Atlantic): NOT PROVIDED White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED	

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Scallops nei (Pectinidae)	Diving (not specified), (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: 0, Aquaculture Facilities: none provided	EEZ,France,(FAO:21 Atlantic Northwest),21.3.P.s,Newfoundland and Labrador Region (3Ps)	Common minke whale (Atlantic Canada and Eastern Arctic) Gray seal (Western North Atlantic) Harbor porpoise (Newfoundland) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Common minke whale (Atlantic Canada and Eastern Arctic): NOT PROVIDED Gray seal (Western North Atlantic): NOT PROVIDED Harbor porpoise (Newfoundland): NOT PROVIDED Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): NOT PROVIDED Harp seal (Western North Atlantic): NOT PROVIDED Hooded seal (Western North Atlantic): NOT PROVIDED Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED	
Monkfishes nei (Lophius spp), Scallops nei (Pectinidae)	Dredges (not specified), (Bottom)	Number of Vessels: 12, Licenses: 6, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),Maritimes Region- offshore (SFA 25, 26, 27)			
Dogfishes nei (Squalus spp), Lingcod (Ophiodon elongatus)	Hooks and lines (not specified), (Demersal)	Number of Vessels: 88, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:67 Pacific Northeast),Pacific Region (Areas 21-24, 121, 123, subareas 124-1 to 124-3 and 125-6; areas 25, 26, 126, subareas 27-2 to 27-11, 124-4, 125-1 to 125-5, 127-1 and 127-2; areas 11, 111, subareas 12-14, 27-1, 127-3, 127-4 and 130-1; areas 7 to 10, 108 to 110, subareas 102-3, 107-2, 107-3, 130-2 and that portion of subarea 130-3 that lies south of the parallel passing through 51°56' N; areas 6, 106, subareas 2-1 to 2-19, 102-2, 105-2 and 107-1; areas 3 to 5, 103, 104, subareas 1-2 to 1-5, 101-4 to 101-10, 102-1, and 105-1; areas 142, subareas 1-1, 2-31 to 2-100, 101-1 to 101-1 and that portion of subarea 130-3 that lies north of the parallel passing through 51°56' N, subareas 12-1 to 12-13 and 12-15 to	Baird's beaked whale (California/Oregon/Washington) Blue whale (Western North Atlantic) California sea lion (Pacific) Common minke whale (California/Oregon/Washington) Cuvier's beaked whale, goose-beaked whale (California/Oregon/Washington) Dall's porpoise, Dall porpoise (California/Oregon/Washington) Fin whale (California/Oregon/Washington) Gray whale (Pacific) Harbor porpoise (Pacific coast of Canada) Harbor seal, common seal (Pacific coast stock delineation in CAN unknown) Humpback whale (California/Oregon/Washington) Killer whale, orca (Pacific - Bigg's (Transient)) Killer whale, orca (Pacific - Northern Resident) Killer whale, orca (Pacific - Offshore) Killer whale, orca (Pacific - Southern Resident) Northern elephant seal (California Breeding) Northern fur seal (Eastern Pacific) Northern right-whale dolphin (California/Oregon/Washington) Pacific white-sided dolphin (California/Oregon/Washington) Risso's dolphin, grampus (California/Oregon/Washington) Sea otter (Pacific Coast of Canada) Sperm whale, cachalot (California/Oregon/Washington) Steller sea lion, northern sea lion (Pacific)	Baird's beaked whale (California/Oregon/Washington): 0 Blue whale (Western North Atlantic): 0 California sea lion (Pacific): 0 Common minke whale (California/Oregon/Washington): 0 Cuvier's beaked whale, goose-beaked whale (California/Oregon/Washington): 0 Dall's porpoise, Dall porpoise (California/Oregon/Washington): 0 Fin whale (California/Oregon/Washington): 0 Gray whale (Pacific): 0 Harbor porpoise (Pacific coast of Canada): 0 Harbor seal, common seal (Pacific coast stock delineation in CAN unknown): .2 Humpback whale (California/Oregon/Washington): 0 Killer whale, orca (Pacific - Bigg's (Transient)): 0 Killer whale, orca (Pacific - Northern Resident): 0 Killer whale, orca (Pacific - Offshore): 0 Killer whale, orca (Pacific - Southern Resident): 0 Northern elephant seal (California Breeding): 0 Northern fur seal (Eastern Pacific): 0 Northern right-whale dolphin (California/Oregon/Washington): 0 Pacific white-sided dolphin (California/Oregon/Washington): 0 Risso's dolphin, grampus (California/Oregon/Washington): 0 Sea otter (Pacific Coast of Canada): 0 Sperm whale, cachalot (California/Oregon/Washington): 0 Steller sea lion, northern sea lion (Pacific): 0	

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Mackerels nei (Scombridae)	Handlines and hand-operated pole-and-lines, (Pelagic), Mechanized jig, (Pelagic), Mechanized lines and pole-and-lines, (Pelagic)	Number of Vessels: none provided, Licenses: 35, 3 active in 2018, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.4.S, 21.4.T,Quebec Region (15, 16)	Atlantic bearded seal (Arctic/Labrador) Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Beluga, white whale (St. Lawrence Estuary) Blue whale (Western North Atlantic) Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Common minke whale (Atlantic Canada and Eastern Arctic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (UNKNOWN) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Ringed seal (Arctic & Labrador) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Sperm whale, cachalot (Western North Atlantic) Striped dolphin (Western North Atlantic)White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic bearded seal (Arctic/Labrador): NOT PROVIDED Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Beluga, white whale (St. Lawrence Estuary): NOT PROVIDED Blue whale (Western North Atlantic): NOT PROVIDED Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Common minke whale (Atlantic Canada and Eastern Arctic): NOT PROVIDED Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Gray seal (Western North Atlantic): NOT PROVIDED Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): NOT PROVIDED Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): NOT PROVIDED Harp seal (Western North Atlantic): NOT PROVIDED Hooded seal (Western North Atlantic): NOT PROVIDED Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Killer whale, orca (UNKNOWN): NOT PROVIDED Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED North Atlantic right whale (Western North Atlantic): NOT PROVIDED Ringed seal (Arctic & Labrador): NOT PROVIDED Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): NOT PROVIDED Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): NOT PROVIDED Sperm whale, cachalot (Western North Atlantic): NOT PROVIDED Striped dolphin (Western North Atlantic): NOT PROVIDED White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED	
Atlantic halibut (Hippoglossus hippoglossus)	Handlines and hand-operated pole-and-lines, (Surface)	Number of Vessels: 1272, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.4.R, 21.4.S, 21.4.T,Gulf Region (4RST)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Beluga, white whale (St. Lawrence Estuary) Blue whale (Western North Atlantic) Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (Northwest Atlantic/Eastern Arctic) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Beluga, white whale (St. Lawrence Estuary): NOT PROVIDED Blue whale (Western North Atlantic): NOT PROVIDED Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Common minke whale (Atlantic Canada and Eastern Arctic): NOT PROVIDED Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): NOT PROVIDED Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Gray seal (Western North Atlantic): NOT PROVIDED Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): NOT PROVIDED Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): NOT PROVIDED Harp seal (Western North Atlantic): NOT PROVIDED Hooded seal (Western North Atlantic): NOT PROVIDED Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Killer whale, orca (Northwest Atlantic/Eastern Arctic): NOT PROVIDED Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED North Atlantic right whale (Western North Atlantic): NOT PROVIDED Northern bottlenose whale (Scotian Shelf): NOT PROVIDED Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): NOT PROVIDED Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): NOT PROVIDED Sowerby's beaked whale (Western North Atlantic): NOT PROVIDED Sperm whale, cachalot (Western North Atlantic): NOT PROVIDED White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED	

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Atlantic mackerel (<i>Scomber scombrus</i>)	Handlines and hand-operated pole-and-lines, (Pelagic), Mechanized jig, (Pelagic), Mechanized lines and pole-and-lines, (Pelagic)	Number of Vessels: 388, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.4.R, 21.4.S, 21.4.T,Gulf Region	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Beluga, white whale (St. Lawrence Estuary) Blue whale (Western North Atlantic) Common dolphin (California/Oregon/Washington) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (UNKNOWN) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): UNKNOWN Beluga, white whale (St. Lawrence Estuary): UNKNOWN Blue whale (Western North Atlantic): UNKNOWN Common dolphin (California/Oregon/Washington): UNKNOWN Common minke whale (Atlantic Canada and Eastern Arctic): UNKNOWN Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): UNKNOWN Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): UNKNOWN Gray seal (Western North Atlantic): UNKNOWN Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): UNKNOWN Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): UNKNOWN Harp seal (Western North Atlantic): UNKNOWN Hooded seal (Western North Atlantic): UNKNOWN Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): UNKNOWN Killer whale, orca (UNKNOWN): UNKNOWN Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): UNKNOWN North Atlantic right whale (Western North Atlantic): UNKNOWN Northern bottlenose whale (Scotian Shelf): UNKNOWN Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): UNKNOWN Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): UNKNOWN Sowerby's beaked whale (Western North Atlantic): UNKNOWN Sperm whale, cachalot (Western North Atlantic): UNKNOWN White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): UNKNOWN	
Ocean quahog (<i>Arctica islandica</i>)	Hand Implements (not specified), (Bottom)	Number of Vessels: 2-16, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.4.R, 21.4.S, 21.4.T,Gulf Region (ENB, PEI)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Beluga, white whale (St. Lawrence Estuary) Blue whale (Western North Atlantic) Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (Northwest Atlantic/Eastern Arctic) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Beluga, white whale (St. Lawrence Estuary): NOT PROVIDED Blue whale (Western North Atlantic): NOT PROVIDED Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Common minke whale (Atlantic Canada and Eastern Arctic): NOT PROVIDED Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): NOT PROVIDED Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Gray seal (Western North Atlantic): NOT PROVIDED Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): NOT PROVIDED Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): NOT PROVIDED Harp seal (Western North Atlantic): NOT PROVIDED Hooded seal (Western North Atlantic): NOT PROVIDED Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Killer whale, orca (Northwest Atlantic/Eastern Arctic): NOT PROVIDED Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED North Atlantic right whale (Western North Atlantic): NOT PROVIDED Northern bottlenose whale (Scotian Shelf): NOT PROVIDED Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): NOT PROVIDED Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): NOT PROVIDED Sowerby's beaked whale (Western North Atlantic): NOT PROVIDED Sperm whale, cachalot (Western North Atlantic): NOT PROVIDED White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED	

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Sand gaper (<i>Mya arenaria</i>)	Hand Implements (not specified), (Bottom)	Number of Vessels: none provided, Licenses: 149, 34 active in 2018, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.4.S, 21.4.T,Quebec Region (1ABC, 2, 3)	Atlantic bearded seal (Arctic/Labrador) Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Beluga, white whale (St. Lawrence Estuary) Blue whale (Western North Atlantic) Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Common minke whale (Atlantic Canada and Eastern Arctic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (UNKNOWN) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Ringed seal (Arctic & Labrador) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Sperm whale, cachalot (Western North Atlantic) Striped dolphin (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic bearded seal (Arctic/Labrador): NOT PROVIDED Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Beluga, white whale (St. Lawrence Estuary): NOT PROVIDED Blue whale (Western North Atlantic): NOT PROVIDED Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Common minke whale (Atlantic Canada and Eastern Arctic): NOT PROVIDED Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Gray seal (Western North Atlantic): NOT PROVIDED Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): NOT PROVIDED Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): NOT PROVIDED Harp seal (Western North Atlantic): NOT PROVIDED Hooded seal (Western North Atlantic): NOT PROVIDED Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Killer whale, orca (UNKNOWN): NOT PROVIDED Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED North Atlantic right whale (Western North Atlantic): NOT PROVIDED Ringed seal (Arctic & Labrador): NOT PROVIDED Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): NOT PROVIDED Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): NOT PROVIDED Sperm whale, cachalot (Western North Atlantic): NOT PROVIDED Striped dolphin (Western North Atlantic): NOT PROVIDED White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED	
Atl.jackknife(=Atl.razor clam) (<i>Ensis directus</i>), Atlantic surf clam (<i>Spisula solidissima</i>), Sea mussels nei (<i>Mytilidae</i>)	Diving (not specified), (Bottom), Hand Implements (not specified), (Bottom)	Number of Vessels: none provided, Licenses: 173, 24 active in 2018, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.4.T,Quebec Region (Magdalen Islands)	Atlantic bearded seal (Arctic/Labrador) Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Beluga, white whale (St. Lawrence Estuary) Blue whale (Western North Atlantic) Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Common minke whale (Atlantic Canada and Eastern Arctic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (UNKNOWN) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Ringed seal (Arctic & Labrador) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Sperm whale, cachalot (Western North Atlantic) Striped dolphin (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic bearded seal (Arctic/Labrador): NOT PROVIDED Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Beluga, white whale (St. Lawrence Estuary): NOT PROVIDED Blue whale (Western North Atlantic): NOT PROVIDED Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Common minke whale (Atlantic Canada and Eastern Arctic): NOT PROVIDED Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Gray seal (Western North Atlantic): NOT PROVIDED Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): NOT PROVIDED Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): NOT PROVIDED Harp seal (Western North Atlantic): NOT PROVIDED Hooded seal (Western North Atlantic): NOT PROVIDED Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Killer whale, orca (UNKNOWN): NOT PROVIDED Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED North Atlantic right whale (Western North Atlantic): NOT PROVIDED Ringed seal (Arctic & Labrador): NOT PROVIDED Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): NOT PROVIDED Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): NOT PROVIDED Sperm whale, cachalot (Western North Atlantic): NOT PROVIDED Striped dolphin (Western North Atlantic): NOT PROVIDED White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED	

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Scallops nei (Pectinidae)	Dredges (not specified), (Bottom)	Number of Vessels: none provided, Licenses: 79, 29 active in 2018, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.4.S, 21.4.T,Quebec Region (15-20)	Atlantic bearded seal (Arctic/Labrador) Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Beluga, white whale (St. Lawrence Estuary) Blue whale (Western North Atlantic) Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Common minke whale (Atlantic Canada and Eastern Arctic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (UNKNOWN) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Ringed seal (Arctic & Labrador) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Sperm whale, cachalot (Western North Atlantic) Striped dolphin (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic bearded seal (Arctic/Labrador): NOT PROVIDED Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Beluga, white whale (St. Lawrence Estuary): NOT PROVIDED Blue whale (Western North Atlantic): NOT PROVIDED Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Common minke whale (Atlantic Canada and Eastern Arctic): NOT PROVIDED Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Gray seal (Western North Atlantic): NOT PROVIDED Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): NOT PROVIDED Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): NOT PROVIDED Harp seal (Western North Atlantic): NOT PROVIDED Hooded seal (Western North Atlantic): NOT PROVIDED Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Killer whale, orca (UNKNOWN): NOT PROVIDED Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED North Atlantic right whale (Western North Atlantic): NOT PROVIDED Ringed seal (Arctic & Labrador): NOT PROVIDED Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): NOT PROVIDED Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): NOT PROVIDED Sperm whale, cachalot (Western North Atlantic): NOT PROVIDED Striped dolphin (Western North Atlantic): NOT PROVIDED White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED	
Amer. plaice(=Long rough dab) (Hippoglossoides platessoides), American angler (Lophius americanus), Atlantic cod (Gadus morhua), Atlantic cod (Gadus morhua), Atlantic halibut (Hippoglossus hippoglossus), Atlantic redfishes nei (Sebastes spp), Atlantic searobins (Prionotus spp), Blue shark (Prionace glauca), Cunner (Tautogolabrus adspersus), Dogfish sharks nei (Squalidae), Greater argentine (Argentina silus), Greenland cod (Gadus ogac), Greenland halibut (Reinhardtius hippoglossoides), Haddock (Melanogrammus aeglefinus), Haddock (Melanogrammus aeglefinus), Hagfish (Myxine glutinosa), Ling (Molva molva), Lumpfish(=Lumpsucker) (Cyclopterus lumpus), Mako sharks (Isurus spp), Ocean pout (Macrozoarces americanus), Polar cod (Boreogadus saida), Porbeagle (Lamna nasus), Raja rays nei (Raja spp), Red hake (Urophycis chuss), Roughhead grenadier (Macrourus berglax), Roundnose grenadier (Coryphaenoides rupestris), Saithe(=Pollock) (Pollachius virens), Saithe(=Pollock) (Pollachius virens), Sandeels(=Sandlances) nei (Ammodytes spp), Sculpins (Myoxocephalus spp), Silver hake (Merluccius bilinearis), Spiny dogfish (Squalus acanthias), Thresher sharks nei (Alopias spp), Tusk(=Cusk) (Brosme brosme), White hake (Urophycis tenuis), Winter flounder (Pseudopleuronectes americanus), Witch flounder (Glyptocephalus cynoglossus), Wolffishes(=Catfishes) nei (Anarhichas spp), Yellowtail flounder (Limanda ferruginea)	Handlines and hand-operated pole-and-lines, (Surface)	Number of Vessels: none provided, Licenses: 321, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.4.V, 21.4.W, 21.4.X, 21.5.Y, 21.5.Z,Maritimes Region	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Blainville's beaked whale (Western North Atlantic) Blue whale (Western North Atlantic) Common bottlenose dolphin (Western North Atlantic) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Dwarf sperm whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Killer whale, orca (Northwest Atlantic/Eastern Arctic) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Northern bottlenose whale (Scotian Shelf) Pygmy sperm whale (Western North Atlantic) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Short-finned pilot whale (Western North Atlantic) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) Striped dolphin (Western North Atlantic) True's beaked whale (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Blainville's beaked whale (Western North Atlantic): NOT PROVIDED Blue whale (Western North Atlantic): NOT PROVIDED Common bottlenose dolphin (Western North Atlantic): NOT PROVIDED Common minke whale (Atlantic Canada and Eastern Arctic): NOT PROVIDED Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): NOT PROVIDED Dwarf sperm whale (Western North Atlantic): NOT PROVIDED Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Gray seal (Western North Atlantic): NOT PROVIDED Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): NOT PROVIDED Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): NOT PROVIDED Harp seal (Western North Atlantic): NOT PROVIDED Hooded seal (Western North Atlantic): NOT PROVIDED Killer whale, orca (Northwest Atlantic/Eastern Arctic): NOT PROVIDED Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Northern bottlenose whale (Scotian Shelf): NOT PROVIDED Pygmy sperm whale (Western North Atlantic): NOT PROVIDED Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): NOT PROVIDED Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): NOT PROVIDED Short-finned pilot whale (Western North Atlantic): NOT PROVIDED Sowerby's beaked whale (Western North Atlantic): NOT PROVIDED Sperm whale, cachalot (Western North Atlantic): NOT PROVIDED Striped dolphin (Western North Atlantic): NOT PROVIDED True's beaked whale (Western North Atlantic): NOT PROVIDED White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED	

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Atlantic cod (<i>Gadus morhua</i>)	Handlines and hand-operated pole-and-lines, (Demersal)	Number of Vessels: none provided, Licenses: 7 groundfish licence holders who directed their fishery for Atlantic cod with handlines in 2018. , Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.3.P.n, 21.4.R, 21.4.S,Quebec Region (3Pn4RS)	Atlantic bearded seal (Arctic/Labrador) Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Beluga, white whale (St. Lawrence Estuary) Blue whale (Western North Atlantic) Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Common minke whale (Atlantic Canada and Eastern Arctic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (UNKNOWN) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Ringed seal (Arctic & Labrador) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Sperm whale, cachalot (Western North Atlantic) Striped dolphin (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic bearded seal (Arctic/Labrador): NOT PROVIDED Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Beluga, white whale (St. Lawrence Estuary): NOT PROVIDED Blue whale (Western North Atlantic): NOT PROVIDED Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Common minke whale (Atlantic Canada and Eastern Arctic): NOT PROVIDED Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Gray seal (Western North Atlantic): NOT PROVIDED Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): NOT PROVIDED Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): NOT PROVIDED Harp seal (Western North Atlantic): NOT PROVIDED Hooded seal (Western North Atlantic): NOT PROVIDED Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Killer whale, orca (UNKNOWN): NOT PROVIDED Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED North Atlantic right whale (Western North Atlantic): NOT PROVIDED Ringed seal (Arctic & Labrador): NOT PROVIDED Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): NOT PROVIDED Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): NOT PROVIDED Sperm whale, cachalot (Western North Atlantic): NOT PROVIDED Striped dolphin (Western North Atlantic): NOT PROVIDED White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED	
Arctic char (<i>Salvelinus alpinus</i>)	Handlines and hand-operated pole-and-lines, (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: 0, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.2.G, 21.2.H, 21.2.J,Newfoundland and Labrador Region (2GHJ)	Common minke whale (Atlantic Canada and Eastern Arctic) Gray seal (Western North Atlantic) Harbor porpoise (Newfoundland) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Ringed seal (Arctic & Labrador)	Common minke whale (Atlantic Canada and Eastern Arctic): NOT PROVIDED Gray seal (Western North Atlantic): NOT PROVIDED Harbor porpoise (Newfoundland): NOT PROVIDED Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): NOT PROVIDED Harp seal (Western North Atlantic): NOT PROVIDED Hooded seal (Western North Atlantic): NOT PROVIDED Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Ringed seal (Arctic & Labrador): NOT PROVIDED	

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Herrings/sardines nei (Clupeidae), Mackerels nei (Scombridae)	Handlines and hand-operated pole-and-lines, (Surface)	Number of Vessels: none provided, Licenses: 1113, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),Maritimes Region	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Blainville's beaked whale (Western North Atlantic) Blue whale (Western North Atlantic) Common bottlenose dolphin (Western North Atlantic) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Dwarf sperm whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (Northwest Atlantic/Eastern Arctic) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Pygmy sperm whale (Western North Atlantic) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Short-finned pilot whale (Western North Atlantic) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) Striped dolphin (Western North Atlantic) True's beaked whale (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Blainville's beaked whale (Western North Atlantic): NOT PROVIDED Blue whale (Western North Atlantic): NOT PROVIDED Common bottlenose dolphin (Western North Atlantic): NOT PROVIDED Common minke whale (Atlantic Canada and Eastern Arctic): NOT PROVIDED Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): NOT PROVIDED Dwarf sperm whale (Western North Atlantic): NOT PROVIDED Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Gray seal (Western North Atlantic): NOT PROVIDED Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): NOT PROVIDED Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): NOT PROVIDED Harp seal (Western North Atlantic): NOT PROVIDED Hooded seal (Western North Atlantic): NOT PROVIDED Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Killer whale, orca (Northwest Atlantic/Eastern Arctic): NOT PROVIDED Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED North Atlantic right whale (Western North Atlantic): NOT PROVIDED Northern bottlenose whale (Scotian Shelf): NOT PROVIDED Pygmy sperm whale (Western North Atlantic): NOT PROVIDED Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): NOT PROVIDED Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): NOT PROVIDED Short-finned pilot whale (Western North Atlantic): NOT PROVIDED Sowerby's beaked whale (Western North Atlantic): NOT PROVIDED Sperm whale, cachalot (Western North Atlantic): NOT PROVIDED Striped dolphin (Western North Atlantic): NOT PROVIDED True's beaked whale (Western North Atlantic): NOT PROVIDED White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED	
Atlantic bluefin tuna (Thunnus thynnus)	Angling, (Pelagic), Other (Please Specify) rod and reel, (Pelagic), Other (Please Specify) tended line, (Pelagic)	Number of Vessels: none provided, Licenses: 53, 28 active in 2018, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),Quebec Region (4RST, and out of sector: 4Wd, 4VsW, 4X, 5)	Atlantic bearded seal (Arctic/Labrador) Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Beluga, white whale (St. Lawrence Estuary) Blue whale (Western North Atlantic) Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Common minke whale (Atlantic Canada and Eastern Arctic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (UNKNOWN) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Ringed seal (Arctic & Labrador) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Sperm whale, cachalot (Western North Atlantic) Striped dolphin (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic bearded seal (Arctic/Labrador): NOT PROVIDED Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Beluga, white whale (St. Lawrence Estuary): NOT PROVIDED Blue whale (Western North Atlantic): NOT PROVIDED Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Common minke whale (Atlantic Canada and Eastern Arctic): NOT PROVIDED Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Gray seal (Western North Atlantic): NOT PROVIDED Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): NOT PROVIDED Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): NOT PROVIDED Harp seal (Western North Atlantic): NOT PROVIDED Hooded seal (Western North Atlantic): NOT PROVIDED Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Killer whale, orca (UNKNOWN): NOT PROVIDED Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED North Atlantic right whale (Western North Atlantic): NOT PROVIDED Ringed seal (Arctic & Labrador): NOT PROVIDED Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): NOT PROVIDED Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): NOT PROVIDED Sperm whale, cachalot (Western North Atlantic): NOT PROVIDED Striped dolphin (Western North Atlantic): NOT PROVIDED White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED	ICCAT

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Arctic surfclam (<i>Macrotromeris polynyma</i>)	Towed dredges, (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: 2, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.3.L, 21.3.N, 21.3.O, 21.3.P, 21.3.P.s,Newfoundland and Labrador Region (3LNOPs)	Common minke whale (Atlantic Canada and Eastern Arctic) Gray seal (Western North Atlantic) Harbor porpoise (Newfoundland) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Common minke whale (Atlantic Canada and Eastern Arctic): NOT PROVIDED Gray seal (Western North Atlantic): NOT PROVIDED Harbor porpoise (Newfoundland): NOT PROVIDED Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): NOT PROVIDED Harp seal (Western North Atlantic): NOT PROVIDED Hooded seal (Western North Atlantic): NOT PROVIDED Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED	
American eel (<i>Anguilla rostrata</i>)	Fyke nets, (Midwater), Pots/traps, (Midwater)	Number of Vessels: none provided, Licenses: none provided, Participants: 35, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.3.K, 21.3.L, 21.3.P, 21.3.P.n, 21.3.P.s, 21.4.R,Newfoundland and Labrador Region (1-14)			
Amer. plaice(=Long rough dab) (<i>Hippoglossoides platessoides</i>), American angler (<i>Lophius americanus</i>), Atlantic cod (<i>Gadus morhua</i>), Atlantic halibut (<i>Hippoglossus hippoglossus</i>), Atlantic halibut (<i>Hippoglossus hippoglossus</i>), Atlantic redfishes nei (<i>Sebastes</i> spp), Atlantic searobins (<i>Prionotus</i> spp), Blue shark (<i>Prionace glauca</i>), Cunner (<i>Tautoglabrus adspersus</i>), Dogfish sharks nei (<i>Squalidae</i>), Greater argentine (<i>Argentina silus</i>), Greenland cod (<i>Gadus ogac</i>), Greenland halibut (<i>Reinhardtius hippoglossoides</i>), Haddock (<i>Melanogrammus aeglefinus</i>), Hagfish (<i>Myxine glutinosa</i>), Ling (<i>Molva molva</i>), Lumpfish(=Lumpsucker) (<i>Cyclopterus lumpus</i>), Mako sharks (<i>Isurus</i> spp), Ocean pout (<i>Macrozoarces americanus</i>), Polar cod (<i>Boreogadus saida</i>), Porbeagle (<i>Lamna nasus</i>), Raja rays nei (<i>Raja</i> spp), Red hake (<i>Urophycis chuss</i>), Roughhead grenadier (<i>Macrourus berglax</i>), Roundnose grenadier (<i>Coryphaenoides rupestris</i>), Saithe(=Pollock) (<i>Pollachius virens</i>), Sandeels(=Sandlances) nei (<i>Ammodytes</i> spp), Sculpins (<i>Myoxocephalus</i> spp), Silver hake (<i>Merluccius bilinearis</i>), Thresher sharks nei (<i>Alopias</i> spp), Tusk(=Cusk) (<i>Brosme brosme</i>), White hake (<i>Urophycis tenuis</i>), Winter flounder (<i>Pseudopleuronectes americanus</i>), Witch flounder (<i>Glyptocephalus cynoglossus</i>), Wolffishes(=Catfishes) nei (<i>Anarhichas</i> spp), Yellowtail flounder (<i>Limanda ferruginea</i>)	Baited pole, (Surface), Handlines and hand-operated pole-and-lines, (Surface)	Number of Vessels: none provided, Licenses: 628, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.3.N, 21.3.O, 21.3.P.s, 21.4.V, 21.4.W, 21.4.X, 21.5.Y, 21.5.Z, 21.5.Z.c, 21.5.Z.e, 21.5.Z.u, 21.5.Z.w,Maritimes Region (3NOPs, 4VWX5)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Blainville's beaked whale (Western North Atlantic) Blue whale (Western North Atlantic) Common bottlenose dolphin (Western North Atlantic) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Dwarf sperm whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (Northwest Atlantic/Eastern Arctic) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Pygmy sperm whale (Western North Atlantic) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Short-finned pilot whale (Western North Atlantic) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) Striped dolphin (Western North Atlantic) True's beaked whale (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Blainville's beaked whale (Western North Atlantic): NOT PROVIDED Blue whale (Western North Atlantic): NOT PROVIDED Common bottlenose dolphin (Western North Atlantic): NOT PROVIDED Common minke whale (Atlantic Canada and Eastern Arctic): NOT PROVIDED Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): NOT PROVIDED Dwarf sperm whale (Western North Atlantic): NOT PROVIDED Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Gray seal (Western North Atlantic): NOT PROVIDED Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): NOT PROVIDED Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): NOT PROVIDED Harp seal (Western North Atlantic): NOT PROVIDED Hooded seal (Western North Atlantic): NOT PROVIDED Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Killer whale, orca (Northwest Atlantic/Eastern Arctic): NOT PROVIDED Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED North Atlantic right whale (Western North Atlantic): NOT PROVIDED Northern bottlenose whale (Scotian Shelf): NOT PROVIDED Pygmy sperm whale (Western North Atlantic): NOT PROVIDED Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): NOT PROVIDED Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): NOT PROVIDED Short-finned pilot whale (Western North Atlantic): NOT PROVIDED Sowerby's beaked whale (Western North Atlantic): NOT PROVIDED Sperm whale, cachalot (Western North Atlantic): NOT PROVIDED Striped dolphin (Western North Atlantic): NOT PROVIDED True's beaked whale (Western North Atlantic): NOT PROVIDED White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED	

Target Species or Product	Gear Type	Number of Vessels/ Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Albacore (Thunnus alalunga)	Handlines and hand-operated pole-and-lines, (Surface), Jig, (Surface), Trolling lines, (Surface)	Number of Vessels: 120, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	High Seas,EEZ,United States,(FAO:67 Pacific Northeast),Pacific	Baird's beaked whale (California/Oregon/Washington) Blue whale (Eastern North Pacific) California sea lion (Pacific) Common minke whale (California/Oregon/Washington) Dall's porpoise, Dall porpoise (California/Oregon/Washington) Fin whale (California/Oregon/Washington) Gray whale (Pacific) Harbor porpoise (Pacific coast of Canada) Harbor seal, common seal (Pacific coast stock delineation in CAN unknown) Humpback whale (California/Oregon/Washington) Killer whale, orca (Pacific - Bigg's (Transient)) Northern elephant seal (California Breeding) Northern fur seal (Eastern Pacific) Northern right-whale dolphin (California/Oregon/Washington) Pacific white-sided dolphin (California/Oregon/Washington) Risso's dolphin, grampus (California/Oregon/Washington) Sea otter (Pacific Coast of Canada) Sei whale (Eastern North Pacific) Short-finned pilot whale (California/Oregon/Washington) Sperm whale, cachalot (California/Oregon/Washington) Steller sea lion, northern sea lion (Pacific)	Baird's beaked whale (California/Oregon/Washington): NOT PROVIDED Blue whale (Eastern North Pacific): NOT PROVIDED California sea lion (Pacific): NOT PROVIDED Common minke whale (California/Oregon/Washington): NOT PROVIDED Dall's porpoise, Dall porpoise (California/Oregon/Washington): NOT PROVIDED Fin whale (California/Oregon/Washington): NOT PROVIDED Gray whale (Pacific): NOT PROVIDED Harbor porpoise (Pacific coast of Canada): NOT PROVIDED Harbor seal, common seal (Pacific coast stock delineation in CAN unknown): NOT PROVIDED Humpback whale (California/Oregon/Washington): NOT PROVIDED Killer whale, orca (Pacific - Bigg's (Transient)): NOT PROVIDED Northern elephant seal (California Breeding): NOT PROVIDED Northern fur seal (Eastern Pacific): NOT PROVIDED Northern right-whale dolphin (California/Oregon/Washington): NOT PROVIDED Pacific white-sided dolphin (California/Oregon/Washington): NOT PROVIDED Risso's dolphin, grampus (California/Oregon/Washington): NOT PROVIDED Sea otter (Pacific Coast of Canada): NOT PROVIDED Sei whale (Eastern North Pacific): NOT PROVIDED Short-finned pilot whale (California/Oregon/Washington): NOT PROVIDED Sperm whale, cachalot (California/Oregon/Washington): NOT PROVIDED Steller sea lion, northern sea lion (Pacific): NOT PROVIDED	IATTC,W CPFC
Winter flounder (Pseudopleuronectes americanus)	Lift nets (not specified), (Bottom)	Number of Vessels: 0, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,United States,(FAO:21 Atlantic Northwest),21.4.R, 21.4.S, 21.4.T,Gulf Region (4RST), NON-EXISTENT	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Beluga, white whale (St. Lawrence Estuary) Blue whale (Western North Atlantic) Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (Northwest Atlantic/Eastern Arctic) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Beluga, white whale (St. Lawrence Estuary): NOT PROVIDED Blue whale (Western North Atlantic): NOT PROVIDED Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Common minke whale (Atlantic Canada and Eastern Arctic): NOT PROVIDED Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): NOT PROVIDED Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Gray seal (Western North Atlantic): NOT PROVIDED Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): NOT PROVIDED Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): NOT PROVIDED Harp seal (Western North Atlantic): NOT PROVIDED Hooded seal (Western North Atlantic): NOT PROVIDED Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Killer whale, orca (Northwest Atlantic/Eastern Arctic): NOT PROVIDED Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED North Atlantic right whale (Western North Atlantic): NOT PROVIDED Northern bottlenose whale (Scotian Shelf): NOT PROVIDED Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): NOT PROVIDED Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): NOT PROVIDED Sowerby's beaked whale (Western North Atlantic): NOT PROVIDED Sperm whale, cachalot (Western North Atlantic): NOT PROVIDED White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED	
Cucumaria frondosa (Cucumaria frondosa)	Dredges (not specified), (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: 2, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.3.L, 21.3.N, 21.3.O,Newfoundland and Labrador Region (3LNO) EXPLORATORY	Common minke whale (Atlantic Canada and Eastern Arctic) Harbor porpoise (Newfoundland) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Common minke whale (Atlantic Canada and Eastern Arctic): NOT PROVIDED Harbor porpoise (Newfoundland): NOT PROVIDED Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): NOT PROVIDED Harp seal (Western North Atlantic): NOT PROVIDED Hooded seal (Western North Atlantic): NOT PROVIDED Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED	

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Atlantic herring (<i>Clupea harengus</i>)	trap nets/stationary nets, (Pelagic)	Number of Vessels: none provided, Licenses: none provided, Participants: 36, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.2.G, 21.2.H, 21.2.J, 21.3.K, 21.3.L, 21.3.P.n, 21.3.P.s, 21.4.R,Newfoundland and Labrador Region (2J3KLPs, 4R3Pn)	Common minke whale (Atlantic Canada and Eastern Arctic) Gray seal (Western North Atlantic) Harbor porpoise (Newfoundland) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Ringed seal (Arctic & Labrador)	Common minke whale (Atlantic Canada and Eastern Arctic): NOT PROVIDED Gray seal (Western North Atlantic): NOT PROVIDED Harbor porpoise (Newfoundland): NOT PROVIDED Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): NOT PROVIDED Harp seal (Western North Atlantic): NOT PROVIDED Hooded seal (Western North Atlantic): NOT PROVIDED Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Ringed seal (Arctic & Labrador): NOT PROVIDED	
Swordfish (<i>Xiphias gladius</i>)	Harpoons, (Surface)	Number of Vessels: none provided, Licenses: 843, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),Maritimes Region (3, 4, 5 (exception 4RST and Bay of Fundy)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Blainville's beaked whale (Western North Atlantic) Blue whale (Western North Atlantic) Common bottlenose dolphin (Western North Atlantic) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (Northwest Atlantic/Eastern Arctic) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Pygmy sperm whale (Western North Atlantic) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Short-finned pilot whale (Western North Atlantic) Sowerby's beaked whale (Western North Atlantic) Striped dolphin (Western North Atlantic) True's beaked whale (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Blainville's beaked whale (Western North Atlantic): NOT PROVIDED Blue whale (Western North Atlantic): NOT PROVIDED Common bottlenose dolphin (Western North Atlantic): NOT PROVIDED Common minke whale (Atlantic Canada and Eastern Arctic): NOT PROVIDED Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): NOT PROVIDED Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Gray seal (Western North Atlantic): NOT PROVIDED Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): NOT PROVIDED Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): NOT PROVIDED Harp seal (Western North Atlantic): NOT PROVIDED Hooded seal (Western North Atlantic): NOT PROVIDED Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Killer whale, orca (Northwest Atlantic/Eastern Arctic): NOT PROVIDED Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED Northern bottlenose whale (Scotian Shelf): NOT PROVIDED Pygmy sperm whale (Western North Atlantic): NOT PROVIDED Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): NOT PROVIDED Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): NOT PROVIDED Short-finned pilot whale (Western North Atlantic): NOT PROVIDED Sowerby's beaked whale (Western North Atlantic): NOT PROVIDED Striped dolphin (Western North Atlantic): NOT PROVIDED True's beaked whale (Western North Atlantic): NOT PROVIDED White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): NOT PROVIDED	ICCAT
Atlantic redfishes nei (<i>Sebastes</i> spp)	Jig, (Surface), Trolling lines, (Surface)	Number of Vessels: 88, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:67 Pacific Northeast),Pacific Region (Areas 13 to 20, 28, 29 and Subareas 12-1 to 12-13, 12-15 to 12-48) - inside, (Areas 1 to 11, 21, 23 to 27, 101 to 111, 121, 123 to 127, 130, 142 and Subarea 12-14) - outside ROCKFISH	Baird's beaked whale (California/Oregon/Washington) Blue whale (Eastern North Pacific) California sea lion (Pacific) Common minke whale (California/Oregon/Washington) Cuvier's beaked whale, goose-beaked whale (California/Oregon/Washington) Dall's porpoise, Dall porpoise (California/Oregon/Washington) Fin whale (Northeast Pacific) Gray whale (Pacific) Harbor porpoise (Pacific coast of Canada) Harbor seal, common seal (Pacific coast stock delineation in CAN unknown) Humpback whale (California/Oregon/Washington) Killer whale, orca (Pacific - Bigg's (Transient)) Northern elephant seal (California Breeding) Northern fur seal (Eastern Pacific) Northern right-whale dolphin (California/Oregon/Washington) Risso's dolphin, grampus (California/Oregon/Washington) Sea otter (Pacific Coast of Canada) Sperm whale, cachalot (California/Oregon/Washington) Steller sea lion, northern sea lion (Pacific)	Baird's beaked whale (California/Oregon/Washington): NOT PROVIDED Blue whale (Eastern North Pacific): NOT PROVIDED California sea lion (Pacific): NOT PROVIDED Common minke whale (California/Oregon/Washington): NOT PROVIDED Cuvier's beaked whale, goose-beaked whale (California/Oregon/Washington): NOT PROVIDED Dall's porpoise, Dall porpoise (California/Oregon/Washington): NOT PROVIDED Fin whale (Northeast Pacific): NOT PROVIDED Gray whale (Pacific): NOT PROVIDED Harbor porpoise (Pacific coast of Canada): NOT PROVIDED Harbor seal, common seal (Pacific coast stock delineation in CAN unknown): NOT PROVIDED Humpback whale (California/Oregon/Washington): NOT PROVIDED Killer whale, orca (Pacific - Bigg's (Transient)): NOT PROVIDED Northern elephant seal (California Breeding): NOT PROVIDED Northern fur seal (Eastern Pacific): NOT PROVIDED Northern right-whale dolphin (California/Oregon/Washington): NOT PROVIDED Risso's dolphin, grampus (California/Oregon/Washington): NOT PROVIDED Sea otter (Pacific Coast of Canada): NOT PROVIDED Sperm whale, cachalot (California/Oregon/Washington): NOT PROVIDED Steller sea lion, northern sea lion (Pacific): NOT PROVIDED	

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Atlantic redfishes nei (Sebastes spp)	Hooks and lines (not specified), (Surface)	UNKNOWN	EEZ,(FAO:67 Pacific Northeast),Pacific Region (Areas 1 to 11, 21, 23 to 27, 101 to 111, 121, 123 to 127, 130, 142 and Subarea 12-14) ROCKFISH Outside	California sea lion (Pacific) Common minke whale (California/Oregon/Washington) Cuvier's beaked whale, goose-beaked whale (California/Oregon/Washington) Dall's porpoise, Dall porpoise (California/Oregon/Washington) Fin whale (California/Oregon/Washington) Gray whale (Pacific) Harbor porpoise (Pacific coast of Canada) Harbor seal, common seal (Pacific coast stock delineation in CAN unknown) Humpback whale (California/Oregon/Washington) Killer whale, orca (Pacific - Bigg's (Transient)) Northern elephant seal (California Breeding) Northern fur seal (Eastern Pacific) Pacific white-sided dolphin (California/Oregon/Washington) Risso's dolphin, grampus (California/Oregon/Washington) Sea otter (Pacific Coast of Canada) Steller sea lion, northern sea lion (Pacific)	California sea lion (Pacific): NOT PROVIDED Common minke whale (California/Oregon/Washington): NOT PROVIDED Cuvier's beaked whale, goose-beaked whale (California/Oregon/Washington): NOT PROVIDED Dall's porpoise, Dall porpoise (California/Oregon/Washington): NOT PROVIDED Fin whale (California/Oregon/Washington): NOT PROVIDED Gray whale (Pacific): NOT PROVIDED Harbor porpoise (Pacific coast of Canada): NOT PROVIDED Harbor seal, common seal (Pacific coast stock delineation in CAN unknown): NOT PROVIDED Humpback whale (California/Oregon/Washington): NOT PROVIDED Killer whale, orca (Pacific - Bigg's (Transient)): NOT PROVIDED Northern elephant seal (California Breeding): NOT PROVIDED Northern fur seal (Eastern Pacific): NOT PROVIDED Pacific white-sided dolphin (California/Oregon/Washington): NOT PROVIDED Risso's dolphin, grampus (California/Oregon/Washington): NOT PROVIDED Sea otter (Pacific Coast of Canada): NOT PROVIDED Steller sea lion, northern sea lion (Pacific): NOT PROVIDED	
Herrings/sardines nei (Clupeidae)	Hoop net (staked trap net), (Surface)	Number of Vessels: none provided, Licenses: 20, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:67 Pacific Northeast),Pacific Region (2E, 3, 4, 5, 6, 7, 8, 14,17, 18, 23, 24, 25) SPECIAL USE	California sea lion (Pacific) Common minke whale (California/Oregon/Washington) Cuvier's beaked whale, goose-beaked whale (California/Oregon/Washington) Dall's porpoise, Dall porpoise (California/Oregon/Washington) Fin whale (California/Oregon/Washington) Gray whale (Pacific) Harbor porpoise (Pacific coast of Canada) Harbor seal, common seal (Pacific coast stock delineation in CAN unknown) Humpback whale (California/Oregon/Washington) Killer whale, orca (Pacific - Bigg's (Transient)) Northern elephant seal (California Breeding) Northern fur seal (Eastern Pacific) Pacific white-sided dolphin (California/Oregon/Washington) Risso's dolphin, grampus (California/Oregon/Washington) Sea otter (Pacific Coast of Canada) Steller sea lion, northern sea lion (Pacific)	California sea lion (Pacific): NOT PROVIDED Common minke whale (California/Oregon/Washington): NOT PROVIDED Cuvier's beaked whale, goose-beaked whale (California/Oregon/Washington): NOT PROVIDED Dall's porpoise, Dall porpoise (California/Oregon/Washington): NOT PROVIDED Fin whale (California/Oregon/Washington): NOT PROVIDED Gray whale (Pacific): NOT PROVIDED Harbor porpoise (Pacific coast of Canada): NOT PROVIDED Harbor seal, common seal (Pacific coast stock delineation in CAN unknown): NOT PROVIDED Humpback whale (California/Oregon/Washington): NOT PROVIDED Killer whale, orca (Pacific - Bigg's (Transient)): NOT PROVIDED Northern elephant seal (California Breeding): NOT PROVIDED Northern fur seal (Eastern Pacific): NOT PROVIDED Pacific white-sided dolphin (California/Oregon/Washington): NOT PROVIDED Risso's dolphin, grampus (California/Oregon/Washington): NOT PROVIDED Sea otter (Pacific Coast of Canada): NOT PROVIDED Steller sea lion, northern sea lion (Pacific): NOT PROVIDED	

Export Fisheries

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Atlantic redfishes nei (Sebastes spp)	Longlines (not specified), (Demersal)	Number of Vessels: 88, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:67 Pacific Northeast),Pacific Region	Baird's beaked whale (California/Oregon/Washington) Blue whale (Eastern North Pacific) California sea lion (Pacific) Common minke whale (California/Oregon/Washington) Cuvier's beaked whale, goose-beaked whale (California/Oregon/Washington) Dall's porpoise, Dall porpoise (California/Oregon/Washington) Fin whale (California/Oregon/Washington) Gray whale (Pacific) Harbor porpoise (Pacific coast of Canada) Harbor seal, common seal (Pacific coast stock delineation in CAN unknown) Humpback whale (California/Oregon/Washington) Killer whale, orca (Pacific - Bigg's (Transient)) Killer whale, orca (Pacific - Northern Resident) Killer whale, orca (Pacific - Offshore) Killer whale, orca (Pacific - Southern Resident) Northern elephant seal (California Breeding) Northern fur seal (Eastern Pacific) Northern right-whale dolphin (California/Oregon/Washington) Pacific white-sided dolphin (California/Oregon/Washington) Risso's dolphin, grampus (California/Oregon/Washington) Sea otter (Pacific Coast of Canada) Sperm whale, cachalot (California/Oregon/Washington) Steller sea lion, northern sea lion (Pacific)	Baird's beaked whale (California/Oregon/Washington): 0 Blue whale (Eastern North Pacific): 0 California sea lion (Pacific): 0 Common minke whale (California/Oregon/Washington): 0 Cuvier's beaked whale, goose-beaked whale (California/Oregon/Washington): 0 Dall's porpoise, Dall porpoise (California/Oregon/Washington): 0 Fin whale (California/Oregon/Washington): 0 Gray whale (Pacific): 0 Harbor porpoise (Pacific coast of Canada): 0 Harbor seal, common seal (Pacific coast stock delineation in CAN unknown): 0 Humpback whale (California/Oregon/Washington): 0 Killer whale, orca (Pacific - Bigg's (Transient)): 0 Killer whale, orca (Pacific - Northern Resident): 0 Killer whale, orca (Pacific - Offshore): 0 Killer whale, orca (Pacific - Southern Resident): 0 Northern elephant seal (California Breeding): 0 Northern fur seal (Eastern Pacific): 0 Northern right-whale dolphin (California/Oregon/Washington): 0 Pacific white-sided dolphin (California/Oregon/Washington): 0 Risso's dolphin, grampus (California/Oregon/Washington): 0 Sea otter (Pacific Coast of Canada): 0 Sperm whale, cachalot (California/Oregon/Washington): 0 Steller sea lion, northern sea lion (Pacific): 0	RFMO
Arctic char (Salvelinus alpinus), Atlantic cod (Gadus morhua), Atlantic halibut (Hippoglossus hippoglossus), Brook trout (Salvelinus fontinalis), Haddock (Melanogrammus aeglefinus), Rainbow trout (Oncorhynchus mykiss)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: 39	EEZ,(FAO:21 Atlantic Northwest),Nova Scotia	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Blue whale (Western North Atlantic) Common bottlenose dolphin (Western North Atlantic) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (Northwest Atlantic/Eastern Arctic) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Short-finned pilot whale (Western North Atlantic) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Blue whale (Western North Atlantic): 0 Common bottlenose dolphin (Western North Atlantic): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (Northwest Atlantic/Eastern Arctic): 0 North Atlantic right whale (Western North Atlantic): 0 Northern bottlenose whale (Scotian Shelf): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Short-finned pilot whale (Western North Atlantic): 0 Sowerby's beaked whale (Western North Atlantic): 0 Sperm whale, cachalot (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0	NASCO

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Amer. plaice(=Long rough dab) (Hippoglossoides platessoides), Atlantic cod (Gadus morhua), Atlantic halibut (Hippoglossus hippoglossus), Atlantic redfishes nei (Sebastes spp), Greenland halibut (Reinhardtius hippoglossoides), White hake (Urophycis tenuis), Winter flounder (Pseudopleuronectes americanus), Witch flounder (Glyptocephalus cynoglossus), Yellowtail flounder (Limanda ferruginea)	Midwater trawls (not specified), (Surface)	Number of Vessels: 19, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.4.R, 21.4.S, 21.4.T,Gulf Region - UNIT 1 (4RST) (EXPLORATORY FISHERY) (Directed fishery is redfish, all other species are by-catch only)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Beluga, white whale (St. Lawrence Estuary) Blue whale (Western North Atlantic) Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (Northwest Atlantic/Eastern Arctic) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Beluga, white whale (St. Lawrence Estuary): 0 Blue whale (Western North Atlantic): 0 Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (Northwest Atlantic/Eastern Arctic): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 North Atlantic right whale (Western North Atlantic): 0 Northern bottlenose whale (Scotian Shelf): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Sowerby's beaked whale (Western North Atlantic): 0 Sperm whale, cachalot (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0	
Capelin (Mallotus villosus)	Purse seines, (Pelagic)	Number of Vessels: none provided, Licenses: none provided, Participants: 65, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.2.J, 21.3.K, 21.3.L, 21.3.P, 21.4.R,Newfoundland and Labrador Region (2J3KLP & 4R)	Common minke whale (Atlantic Canada and Eastern Arctic) Gray seal (Western North Atlantic) Harbor porpoise (Newfoundland) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Ringed seal (Arctic & Labrador)	Common minke whale (Atlantic Canada and Eastern Arctic): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Newfoundland): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Ringed seal (Arctic & Labrador): 0	
Capelin (Mallotus villosus)	Tuck seines, (Pelagic)	Number of Vessels: none provided, Licenses: none provided, Participants: 179, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.2.J, 21.3.K, 21.3.L, 21.3.P.n, 21.4.R,Newfoundland and Labrador Region (2J3KLP, 4R3Pn)	Common minke whale (Atlantic Canada and Eastern Arctic) Gray seal (Western North Atlantic) Harbor porpoise (Newfoundland) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Ringed seal (Arctic & Labrador)	Common minke whale (Atlantic Canada and Eastern Arctic): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Newfoundland): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Ringed seal (Arctic & Labrador): 0	
Atlantic herring (Clupea harengus)	Tuck seines, (Pelagic)	Number of Vessels: none provided, Licenses: none provided, Participants: 31, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.2.J, 21.3.K, 21.3.L, 21.3.P.n, 21.3.P.s, 21.4.R,Newfoundland and Labrador Region (2J3KLPs & 4R3Pn)	Common minke whale (Atlantic Canada and Eastern Arctic) Gray seal (Western North Atlantic) Harbor porpoise (Newfoundland) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Ringed seal (Arctic & Labrador)	Common minke whale (Atlantic Canada and Eastern Arctic): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Newfoundland): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Ringed seal (Arctic & Labrador): 0	

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Atlantic herring (<i>Clupea harengus</i>)	Other (Please Specify) Bar Seine, (Pelagic)	Number of Vessels: none provided, Licenses: none provided, Participants: 6, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.2.J, 21.3.K, 21.3.L, 21.3.P.n, 21.3.P.s, 21.4.R,Newfoundland and Labrador Region (2J3KLPs & 4R3Pn) BAR SEINE	Common minke whale (Atlantic Canada and Eastern Arctic) Gray seal (Western North Atlantic) Harbor porpoise (Newfoundland) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Ringed seal (Arctic & Labrador)	Common minke whale (Atlantic Canada and Eastern Arctic): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Newfoundland): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Ringed seal (Arctic & Labrador): 0	
Atlantic mackerel (<i>Scomber scombrus</i>)	trap nets/stationary nets, (Pelagic)	Number of Vessels: none provided, Licenses: none provided, Participants: 27, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.2.J, 21.3.K, 21.3.L, 21.3.P.n, 21.3.P.s, 21.4.R,Newfoundland and Labrador Region (2J3KLPs, 4R3Pn)	Common minke whale (Atlantic Canada and Eastern Arctic) Gray seal (Western North Atlantic) Harbor porpoise (Newfoundland) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Ringed seal (Arctic & Labrador)	Common minke whale (Atlantic Canada and Eastern Arctic): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Newfoundland): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Ringed seal (Arctic & Labrador): 0	
Cunner (<i>Tautoglabrus adspersus</i>)	Basket traps, (Bottom)	UNKNOWN	EEZ,(FAO:21 Atlantic Northwest),Newfoundland and Labrador Region UPCOMING FISHERY			
Atlantic mackerel (<i>Scomber scombrus</i>)	Tuck seines, (Pelagic)	Number of Vessels: none provided, Licenses: none provided, Participants: 15, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.2.J, 21.3.K, 21.3.L, 21.3.P.n, 21.3.P.s, 21.4.R,Newfoundland and Labrador Region (2J3KLPs & 4R3Pn)	Common minke whale (Atlantic Canada and Eastern Arctic) Gray seal (Western North Atlantic) Harbor porpoise (Newfoundland) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Ringed seal (Arctic & Labrador)	Common minke whale (Atlantic Canada and Eastern Arctic): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Newfoundland): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Ringed seal (Arctic & Labrador): 0	
Green sea urchin (<i>Psammechinus microtuberculatus</i>)	Pots/traps, (Bottom)	Number of Vessels: none provided, Licenses: 3, 0 active in 2018, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.4.S, 21.4.T,Quebec Region (9, 9-1, 10, 11, 12)	Atlantic bearded seal (Arctic/Labrador) Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Beluga, white whale (St. Lawrence Estuary) Blue whale (Western North Atlantic) Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Common minke whale (Atlantic Canada and Eastern Arctic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (UNKNOWN) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Ringed seal (Arctic & Labrador) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Sperm whale, cachalot (Western North Atlantic) Striped dolphin (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic bearded seal (Arctic/Labrador): 0 Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Beluga, white whale (St. Lawrence Estuary): 0 Blue whale (Western North Atlantic): 0 Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (UNKNOWN): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 North Atlantic right whale (Western North Atlantic): 0 Ringed seal (Arctic & Labrador): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Sperm whale, cachalot (Western North Atlantic): 0 Striped dolphin (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0	

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Atlantic salmon (<i>Salmo salar</i>)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: 104	EEZ,(FAO:67 Pacific Northeast),British Columbia	Blue whale (Eastern North Pacific) California sea lion (Pacific) Dall's porpoise, Dall porpoise (California/Oregon/Washington) Fin whale (Northeast Pacific) Gray whale (Pacific) Harbor porpoise (Pacific coast of Canada) Harbor seal, common seal (Pacific coast stock delineation in CAN unknown) Humpback whale (California/Oregon/Washington) Killer whale, orca (Pacific - Northern Resident) Killer whale, orca (Pacific - Southern Resident) Pacific white-sided dolphin (California/Oregon/Washington) Sea otter (Pacific Coast of Canada) Sei whale (Eastern North Pacific) Steller sea lion, northern sea lion (Pacific)	Blue whale (Eastern North Pacific): 0 California sea lion (Pacific): 6.4 Dall's porpoise, Dall porpoise (California/Oregon/Washington): 0 Fin whale (Northeast Pacific): 0 Gray whale (Pacific): 0 Harbor porpoise (Pacific coast of Canada): 0 Harbor seal, common seal (Pacific coast stock delineation in CAN unknown): 4.2 Humpback whale (California/Oregon/Washington): .4 Killer whale, orca (Pacific - Northern Resident): 0 Killer whale, orca (Pacific - Southern Resident): 0 Pacific white-sided dolphin (California/Oregon/Washington): 0 Sea otter (Pacific Coast of Canada): 0 Sei whale (Eastern North Pacific): 0 Steller sea lion, northern sea lion (Pacific): 0	
Chinook(=Spring=King) salmon (<i>Oncorhynchus tshawytscha</i>)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: 116	EEZ,(FAO:67 Pacific Northeast),British Columbia	Blue whale (Eastern North Pacific) California sea lion (Pacific) Dall's porpoise, Dall porpoise (California/Oregon/Washington) Fin whale (California/Oregon/Washington) Gray whale (Pacific) Harbor porpoise (Pacific coast of Canada) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Humpback whale (California/Oregon/Washington) Killer whale, orca (Pacific - Northern Resident) Killer whale, orca (Pacific - Southern Resident) Pacific white-sided dolphin (California/Oregon/Washington) Sea otter (Pacific Coast of Canada) Sei whale (Eastern North Pacific) Steller sea lion, northern sea lion (Pacific)	Blue whale (Eastern North Pacific): 0 California sea lion (Pacific): 0 Dall's porpoise, Dall porpoise (California/Oregon/Washington): 0 Fin whale (California/Oregon/Washington): 0 Gray whale (Pacific): 0 Harbor porpoise (Pacific coast of Canada): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Humpback whale (California/Oregon/Washington): 0 Killer whale, orca (Pacific - Northern Resident): 0 Killer whale, orca (Pacific - Southern Resident): 0 Pacific white-sided dolphin (California/Oregon/Washington): 0 Sea otter (Pacific Coast of Canada): 0 Sei whale (Eastern North Pacific): 0 Steller sea lion, northern sea lion (Pacific): 0	
Coho(=Silver) salmon (<i>Oncorhynchus kisutch</i>)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: 22	EEZ,(FAO:67 Pacific Northeast),British Columbia	Blue whale (Eastern North Pacific) California sea lion (Pacific) Dall's porpoise, Dall porpoise (California/Oregon/Washington) Fin whale (California/Oregon/Washington) Fin whale (Northeast Pacific) Gray whale (Pacific) Harbor porpoise (Pacific coast of Canada) Harbor seal, common seal (Pacific coast stock delineation in CAN unknown) Humpback whale (California/Oregon/Washington) Killer whale, orca (Pacific - Northern Resident) Killer whale, orca (Pacific - Southern Resident) Pacific white-sided dolphin (California/Oregon/Washington) Sea otter (Pacific Coast of Canada) Sei whale (Eastern North Pacific) Steller sea lion, northern sea lion (Pacific)	Blue whale (Eastern North Pacific): 0 California sea lion (Pacific): 0 Dall's porpoise, Dall porpoise (California/Oregon/Washington): 0 Fin whale (California/Oregon/Washington): 0 Fin whale (Northeast Pacific): 0 Gray whale (Pacific): 0 Harbor porpoise (Pacific coast of Canada): 0 Harbor seal, common seal (Pacific coast stock delineation in CAN unknown): 0 Humpback whale (California/Oregon/Washington): 0 Killer whale, orca (Pacific - Northern Resident): 0 Killer whale, orca (Pacific - Southern Resident): 0 Pacific white-sided dolphin (California/Oregon/Washington): 0 Sea otter (Pacific Coast of Canada): 0 Sei whale (Eastern North Pacific): 0 Steller sea lion, northern sea lion (Pacific): 0	

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Sablefish (<i>Anoplopoma fimbria</i>)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: 35	EEZ,(FAO:67 Pacific Northeast),British Columbia	Blue whale (Eastern North Pacific) California sea lion (Pacific) Dall's porpoise, Dall porpoise (California/Oregon/Washington) Fin whale (Northeast Pacific) Gray whale (Pacific) Harbor porpoise (Pacific coast of Canada) Harbor seal, common seal (Pacific coast stock delineation in CAN unknown) Humpback whale (California/Oregon/Washington) Killer whale, orca (Pacific - Northern Resident) Killer whale, orca (Pacific - Southern Resident) Pacific white-sided dolphin (California/Oregon/Washington) Sea otter (Pacific Coast of Canada) Sei whale (Eastern North Pacific) Steller sea lion, northern sea lion (Pacific)	Blue whale (Eastern North Pacific): 0 California sea lion (Pacific): 0 Dall's porpoise, Dall porpoise (California/Oregon/Washington): 0 Fin whale (Northeast Pacific): 0 Gray whale (Pacific): 0 Harbor porpoise (Pacific coast of Canada): 0 Harbor seal, common seal (Pacific coast stock delineation in CAN unknown): 0 Humpback whale (California/Oregon/Washington): 0 Killer whale, orca (Pacific - Northern Resident): 0 Killer whale, orca (Pacific - Southern Resident): 0 Pacific white-sided dolphin (California/Oregon/Washington): 0 Sea otter (Pacific Coast of Canada): 0 Sei whale (Eastern North Pacific): 0 Steller sea lion, northern sea lion (Pacific): 0	
Atlantic salmon (<i>Salmo salar</i>)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: 34	EEZ,(FAO:21 Atlantic Northwest),New Brunswick	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Blue whale (Western North Atlantic) Common bottlenose dolphin (Western North Atlantic) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (Northwest Atlantic/Eastern Arctic) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Short-finned pilot whale (Western North Atlantic) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Blue whale (Western North Atlantic): 0 Common bottlenose dolphin (Western North Atlantic): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (Northwest Atlantic/Eastern Arctic): 0 North Atlantic right whale (Western North Atlantic): 0 Northern bottlenose whale (Scotian Shelf): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Short-finned pilot whale (Western North Atlantic): 0 Sowerby's beaked whale (Western North Atlantic): 0 Sperm whale, cachalot (Western North Atlantic): 0	NASCO
Atlantic salmon (<i>Salmo salar</i>)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: 88	EEZ,(FAO:21 Atlantic Northwest),Newfoundland and Labrador	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Blue whale (Western North Atlantic) Common minke whale (Atlantic Canada and Eastern Arctic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Blue whale (Western North Atlantic): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): .2 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0	NASCO
Rainbow trout (<i>Oncorhynchus mykiss</i>)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: 88	EEZ,(FAO:21 Atlantic Northwest),Newfoundland and Labrador	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Blue whale (Western North Atlantic) Common minke whale (Atlantic Canada and Eastern Arctic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Blue whale (Western North Atlantic): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0	NASCO

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Herrings/sardines nei (Clupeidae)	Barriers, fences, weirs, etc., (Pelagic), trap nets/stationary nets, (Pelagic)	Number of Vessels: none provided, Licenses: 37, 4 active in 2018, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.4.S,Quebec Region (15)	Atlantic bearded seal (Arctic/Labrador) Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Beluga, white whale (St. Lawrence Estuary) Blue whale (Western North Atlantic) Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Common minke whale (Atlantic Canada and Eastern Arctic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (UNKNOWN) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Ringed seal (Arctic & Labrador) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Sperm whale, cachalot (Western North Atlantic) Striped dolphin (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic bearded seal (Arctic/Labrador): 0 Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Beluga, white whale (St. Lawrence Estuary): 0 Blue whale (Western North Atlantic): 0 Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (UNKNOWN): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 North Atlantic right whale (Western North Atlantic): 0 Ringed seal (Arctic & Labrador): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Sperm whale, cachalot (Western North Atlantic): 0 Striped dolphin (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0	
Amer. plaice(=Long rough dab) (Hippoglossoides platessoides), Atlantic cod (Gadus morhua), Atlantic halibut (Hippoglossus hippoglossus), Atlantic redfishes nei (Sebastes spp), Greenland halibut (Reinhardtius hippoglossoides), White hake (Urophycis tenuis)	Midwater trawls (not specified), (Midwater), Semipelagic trawls, (Demersal), Trawls (not specified), (Bottom)	Number of Vessels: none provided, Licenses: 8 groundfish licence holders who directed their fishery for redfishes with trawls in 2018., Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.3.P.n, 21.4.R, 21.4.S, 21.4.T, 21.4.V.n,Quebec Region - (unit 1 (4RST, 3Pn4Vn))	Atlantic bearded seal (Arctic/Labrador) Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Beluga, white whale (St. Lawrence Estuary) Blue whale (Western North Atlantic) Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Common minke whale (Atlantic Canada and Eastern Arctic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (UNKNOWN) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Ringed seal (Arctic & Labrador) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Sperm whale, cachalot (Western North Atlantic) Striped dolphin (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic bearded seal (Arctic/Labrador): 0 Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Beluga, white whale (St. Lawrence Estuary): 0 Blue whale (Western North Atlantic): 0 Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (UNKNOWN): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 North Atlantic right whale (Western North Atlantic): 0 Ringed seal (Arctic & Labrador): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Sperm whale, cachalot (Western North Atlantic): 0 Striped dolphin (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0	

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Greenland halibut (<i>Reinhardtius hippoglossoides</i>)	Longlines (not specified), (Bottom)	Number of Vessels: 1-3, Licenses: none provided, Participants: 100, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.0.B,Central and Arctic Region (Division 0B)	Atlantic bearded seal (Arctic/Labrador) Atlantic walrus (Hoare Bay & Hudson Bay/Davis Strait) Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Beluga, white whale (Cumberland Sound) Blue whale (Western North Atlantic) Bowhead whale, Greenland whale (Eastern Canada - West Greenland) Common minke whale (Atlantic Canada and Eastern Arctic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Harbor porpoise (Newfoundland) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Humpback whale (West Greenland) Killer whale, orca (Northwest Atlantic/Eastern Arctic) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Narwhal (East Baffin) Northern bottlenose whale (Davis Strait/Baffin Bay/Labrador Sea) Ringed seal (Arctic & Labrador) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Sperm whale, cachalot (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic bearded seal (Arctic/Labrador): 0 Atlantic walrus (Hoare Bay & Hudson Bay/Davis Strait): 0 Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Beluga, white whale (Cumberland Sound): 0 Blue whale (Western North Atlantic): 0 Bowhead whale, Greenland whale (Eastern Canada - West Greenland): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Harbor porpoise (Newfoundland): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Humpback whale (West Greenland): 0 Killer whale, orca (Northwest Atlantic/Eastern Arctic): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Narwhal (East Baffin): 0 Northern bottlenose whale (Davis Strait/Baffin Bay/Labrador Sea): 0 Ringed seal (Arctic & Labrador): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Sperm whale, cachalot (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0	
Arctic char (<i>Salvelinus alpinus</i>)	Set gillnets/set nets (anchored), (Surface)	Number of Vessels: none provided, Licenses: 10, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),Central and Arctic Region (Cambridge Bay)	Atlantic bearded seal (Arctic/Labrador) Atlantic walrus (Penny Strait/Lancaster Sound) Beluga, white whale (Eastern Beaufort Sea) Beluga, white whale (High Arctic) Bowhead whale, Greenland whale (Eastern Canada - West Greenland) Harp seal (Western North Atlantic) Killer whale, orca (Northwest Atlantic/Eastern Arctic) Narwhal (Somerset Island) Ringed seal (Arctic & Labrador) Seal unspecified (STOCK NOT SPECIFIED)	Atlantic bearded seal (Arctic/Labrador): 0 Atlantic walrus (Penny Strait/Lancaster Sound): 0 Beluga, white whale (Eastern Beaufort Sea): 0 Beluga, white whale (High Arctic): 0 Bowhead whale, Greenland whale (Eastern Canada - West Greenland): 0 Harp seal (Western North Atlantic): 0 Killer whale, orca (Northwest Atlantic/Eastern Arctic): 0 Narwhal (Somerset Island): 0 Ringed seal (Arctic & Labrador): 0 Seal unspecified (STOCK NOT SPECIFIED): 0	
Arctic char (<i>Salvelinus alpinus</i>)	Set gillnets/set nets (anchored), (Surface)	Number of Vessels: none provided, Licenses: 12-15, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),Central and Arctic Region (Cumberland Sound)	Atlantic bearded seal (Arctic/Labrador) Atlantic walrus (Hoare Bay & Hudson Bay/Davis Strait) Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Beluga, white whale (Cumberland Sound) Blue whale (Western North Atlantic) Bowhead whale, Greenland whale (Eastern Canada - West Greenland) Common minke whale (Atlantic Canada and Eastern Arctic) Fin whale (West Greenland) Gray seal (Western North Atlantic) Harbor porpoise (Newfoundland) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (West Greenland) Killer whale, orca (Northwest Atlantic/Eastern Arctic) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Narwhal (East Baffin) Northern bottlenose whale (Davis Strait/Baffin Bay/Labrador Sea) Ringed seal (Arctic & Labrador) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Sperm whale, cachalot (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic bearded seal (Arctic/Labrador): 0 Atlantic walrus (Hoare Bay & Hudson Bay/Davis Strait): 0 Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Beluga, white whale (Cumberland Sound): 0 Blue whale (Western North Atlantic): 0 Bowhead whale, Greenland whale (Eastern Canada - West Greenland): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Fin whale (West Greenland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Newfoundland): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (West Greenland): 0 Killer whale, orca (Northwest Atlantic/Eastern Arctic): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Narwhal (East Baffin): 0 Northern bottlenose whale (Davis Strait/Baffin Bay/Labrador Sea): 0 Ringed seal (Arctic & Labrador): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Sperm whale, cachalot (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0	

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Arctic char (<i>Salvelinus alpinus</i>)	Set gillnets/set nets (anchored), (Surface)	Number of Vessels: none provided, Licenses: none provided, Participants: 150-200 (varies by year), Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),Central and Arctic Region (Kitikmeot, Kivalliq and Qikiqtaaluk Regions of Nunavut)	Atlantic bearded seal (Arctic/Labrador) Atlantic walrus (Baffin Bay) Atlantic walrus (Foxe Basin (Northern & Central Foxe Basin stocks merged)) Atlantic walrus (Hoare Bay & Hudson Bay/Davis Strait) Atlantic walrus (Penny Strait/Lancaster Sound) Atlantic walrus (South & East Hudson Bay) Atlantic walrus (West Jones Sound) Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Beluga, white whale (Eastern Beaufort Sea) Beluga, white whale (Eastern Hudson Bay) Beluga, white whale (High Arctic) Beluga, white whale (Ungava Bay) Beluga, white whale (Western Hudson Bay) Blue whale (Western North Atlantic) Bowhead whale, Greenland whale (Eastern Canada - West Greenland) Common minke whale (Atlantic Canada and Eastern Arctic) Fin whale (West Greenland) Gray seal (Western North Atlantic) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (West Greenland) Killer whale, orca (Northwest Atlantic/Eastern Arctic) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Narwhal (Admiralty Inlet) Narwhal (East Baffin) Narwhal (Eclipse Sound) Narwhal (Jones Sound) Narwhal (Northern Hudson Bay) Narwhal (Smith Sound) Narwhal (Somerset Island) Northern bottlenose whale (Davis Strait/Baffin Bay/Labrador Sea) Ringed seal (Arctic & Labrador) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Sperm whale, cachalot (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic bearded seal (Arctic/Labrador): 0 Atlantic walrus (Baffin Bay): 0 Atlantic walrus (Foxe Basin (Northern & Central Foxe Basin stocks merged)): 0 Atlantic walrus (Hoare Bay & Hudson Bay/Davis Strait): 0 Atlantic walrus (Penny Strait/Lancaster Sound): 0 Atlantic walrus (South & East Hudson Bay): 0 Atlantic walrus (West Jones Sound): 0 Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Beluga, white whale (Eastern Beaufort Sea): 0 Beluga, white whale (Eastern Hudson Bay): 0 Beluga, white whale (High Arctic): 0 Beluga, white whale (Ungava Bay): 0 Beluga, white whale (Western Hudson Bay): 0 Blue whale (Western North Atlantic): 0 Bowhead whale, Greenland whale (Eastern Canada - West Greenland): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Fin whale (West Greenland): 0 Gray seal (Western North Atlantic): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (West Greenland): 0 Killer whale, orca (Northwest Atlantic/Eastern Arctic): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Narwhal (Admiralty Inlet): 0 Narwhal (East Baffin): 0 Narwhal (Eclipse Sound): 0 Narwhal (Jones Sound): 0 Narwhal (Northern Hudson Bay): 0 Narwhal (Smith Sound): 0 Narwhal (Somerset Island): 0 Northern bottlenose whale (Davis Strait/Baffin Bay/Labrador Sea): 0 Ringed seal (Arctic & Labrador): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Sperm whale, cachalot (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0	RFMO
Greenland halibut (<i>Reinhardtius hippoglossoides</i>)	Longlines (not specified), (Bottom)	Number of Vessels: 1, Licenses: none provided, Participants: 75-100, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.0.A,Central and Arctic Region (Division 0A, within the Nunavut Settlement Area)	Atlantic bearded seal (Arctic/Labrador) Atlantic walrus (Baffin Bay) Atlantic walrus (Hoare Bay & Hudson Bay/Davis Strait) Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Beluga, white whale (High Arctic) Beluga, white whale (Ungava Bay) Blue whale (Western North Atlantic) Bowhead whale, Greenland whale (Eastern Canada - West Greenland) Common minke whale (Atlantic Canada and Eastern Arctic) Fin whale (West Greenland) Gray seal (Western North Atlantic) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (West Greenland) Killer whale, orca (Northwest Atlantic/Eastern Arctic) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Narwhal (Admiralty Inlet) Narwhal (East Baffin) Narwhal (Eclipse Sound) Narwhal (Jones Sound) Narwhal (Smith Sound) Northern bottlenose whale (Davis Strait/Baffin Bay/Labrador Sea) Ringed seal (Arctic & Labrador) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Sperm whale, cachalot (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic bearded seal (Arctic/Labrador): 0 Atlantic walrus (Baffin Bay): 0 Atlantic walrus (Hoare Bay & Hudson Bay/Davis Strait): 0 Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Beluga, white whale (High Arctic): 0 Beluga, white whale (Ungava Bay): 0 Blue whale (Western North Atlantic): 0 Bowhead whale, Greenland whale (Eastern Canada - West Greenland): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Fin whale (West Greenland): 0 Gray seal (Western North Atlantic): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (West Greenland): 0 Killer whale, orca (Northwest Atlantic/Eastern Arctic): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Narwhal (Admiralty Inlet): 0 Narwhal (East Baffin): 0 Narwhal (Eclipse Sound): 0 Narwhal (Smith Sound): 0 Northern bottlenose whale (Davis Strait/Baffin Bay/Labrador Sea): 0 Ringed seal (Arctic & Labrador): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Sperm whale, cachalot (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0	RFMO

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Aesop shrimp (<i>Pandalus montagui</i>), Northern prawn (<i>Pandalus borealis</i>)	Trawls (not specified), (Midwater), shrimp/prawn trawl, (Midwater)	Number of Vessels: none provided, Licenses: 21, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),Maritimes Region (SFA 13, 14, 15, 16)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Blainville's beaked whale (Western North Atlantic) Blue whale (Western North Atlantic) Common bottlenose dolphin (Western North Atlantic) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Dwarf sperm whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (Northwest Atlantic/Eastern Arctic) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Pygmy sperm whale (Western North Atlantic) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Short-finned pilot whale (Western North Atlantic) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) Striped dolphin (Western North Atlantic) True's beaked whale (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Blainville's beaked whale (Western North Atlantic): 0 Blue whale (Western North Atlantic): 0 Common bottlenose dolphin (Western North Atlantic): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): 0 Dwarf sperm whale (Western North Atlantic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (Northwest Atlantic/Eastern Arctic): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 North Atlantic right whale (Western North Atlantic): 0 Northern bottlenose whale (Scotian Shelf): 0 Pygmy sperm whale (Western North Atlantic): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Short-finned pilot whale (Western North Atlantic): 0 Sowerby's beaked whale (Western North Atlantic): 0 Sperm whale, cachalot (Western North Atlantic): 0 Striped dolphin (Western North Atlantic): 0 True's beaked whale (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0	
American lobster (<i>Homarus americanus</i>), Atlantic rock crab (<i>Cancer irroratus</i>), Cunner (<i>Tautoglabrus adspersus</i>), Green crab (<i>Carcinus maenas</i>), Sculpins <i>nei</i> (<i>Cottidae</i>)	lobster traps, (Bottom)	Number of Vessels: none provided, Licenses: 515, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),Maritimes Region (LFA 27)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Blainville's beaked whale (Western North Atlantic) Blue whale (Western North Atlantic) Common bottlenose dolphin (Western North Atlantic) Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Dwarf sperm whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (Northwest Atlantic/Eastern Arctic) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Pygmy sperm whale (Western North Atlantic) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) Striped dolphin (Western North Atlantic) True's beaked whale (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Blainville's beaked whale (Western North Atlantic): 0 Blue whale (Western North Atlantic): 0 Common bottlenose dolphin (Western North Atlantic): 0 Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Common minke whale (Atlantic Canada and Eastern Arctic): .04 Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): 0 Dwarf sperm whale (Western North Atlantic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (Northwest Atlantic/Eastern Arctic): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 North Atlantic right whale (Western North Atlantic): 0 Northern bottlenose whale (Scotian Shelf): 0 Pygmy sperm whale (Western North Atlantic): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Sowerby's beaked whale (Western North Atlantic): 0 Sperm whale, cachalot (Western North Atlantic): 0 Striped dolphin (Western North Atlantic): 0 True's beaked whale (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0	

Target Species or Product	Gear Type	Number of Vessels/ Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
<p>Amer. plaice(=Long rough dab) (Hippoglossoides platessoides), American angler (Lophius americanus), Atlantic cod (Gadus morhua), Atlantic halibut (Hippoglossus hippoglossus), Atlantic redfishes nei (Sebastes spp), Atlantic searobins (Prionotus spp), Cunner (Tautogolabrus adspersus), Dogfish sharks nei (Squalidae), Greater argentine (Argentina silus), Greenland cod (Gadus ogac), Greenland halibut (Reinhardtius hippoglossoides), Haddock (Melanogrammus aeglefinus), Hagfish (Myxine glutinosa), Ling (Molva molva), Lumpfish(=Lumpsucker) (Cyclopterus lumpus), Ocean pout (Macrozoarces americanus), Polar cod (Boreogadus saida), Raja rays nei (Raja spp), Red hake (Urophycis chuss), Roughhead grenadier (Macrourus berglax), Roundnose grenadier (Coryphaenoides rupestris), Saithe(=Pollock) (Pollachius virens), Saithe(=Pollock) (Pollachius virens), Sandeels(=Sandlances) nei (Ammodytes spp), Sculpins (Myoxocephalus spp), Silver hake (Merluccius bilinearis), Tusk(=Cusk) (Brosme brosme), White hake (Urophycis tenuis), Winter flounder (Pseudopleuronectes americanus), Witch flounder (Glyptocephalus cynoglossus), Wolffishes(=Catfishes) nei (Anarhichas spp), Yellowtail flounder (Limanda ferruginea)</p>	<p>Midwater trawls (not specified), (Midwater), Otter trawls (not specified), (Bottom), Trawls (not specified), (Bottom)</p>	<p>Number of Vessels: none provided, Licenses: 22, Participants: none provided, Aquaculture Facilities: none provided</p>	<p>EEZ,(FAO:21 Atlantic Northwest),21.4.X, 21.5.Y, 21.5.Z, 21.5.Z.c, 21.5.Z.e, 21.5.Z.u, 21.5.Z.w,Maritimes Region (4X5)- Pollock</p>	<p>Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Blainville's beaked whale (Western North Atlantic) Blue whale (Western North Atlantic) Common bottlenose dolphin (Western North Atlantic) Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose- beaked whale (Western North Atlantic) Dwarf sperm whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (Northwest Atlantic/Eastern Arctic) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Pygmy sperm whale (Western North Atlantic) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Short-finned pilot whale (Western North Atlantic) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) Striped dolphin (Western North Atlantic) True's beaked whale (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)</p>	<p>Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Blainville's beaked whale (Western North Atlantic): 0 Blue whale (Western North Atlantic): 0 Common bottlenose dolphin (Western North Atlantic): 0 Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): 0 Dwarf sperm whale (Western North Atlantic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (Northwest Atlantic/Eastern Arctic): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 North Atlantic right whale (Western North Atlantic): 0 Northern bottlenose whale (Scotian Shelf): 0 Pygmy sperm whale (Western North Atlantic): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Short-finned pilot whale (Western North Atlantic): 0 Sowerby's beaked whale (Western North Atlantic): 0 Sperm whale, cachalot (Western North Atlantic): 0 Striped dolphin (Western North Atlantic): 0 True's beaked whale (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0</p>	
<p>Amer. plaice(=Long rough dab) (Hippoglossoides platessoides), American angler (Lophius americanus), Atlantic cod (Gadus morhua), Atlantic halibut (Hippoglossus hippoglossus), Atlantic redfishes nei (Sebastes spp), Atlantic searobins (Prionotus spp), Blue shark (Prionace glauca), Cunner (Tautogolabrus adspersus), Dogfish sharks nei (Squalidae), Greater argentine (Argentina silus), Greenland cod (Gadus ogac), Greenland halibut (Reinhardtius hippoglossoides), Haddock (Melanogrammus aeglefinus), Hagfish (Myxine glutinosa), Ling (Molva molva), Lumpfish(=Lumpsucker) (Cyclopterus lumpus), Mako sharks (Isurus spp), Ocean pout (Macrozoarces americanus), Polar cod (Boreogadus saida), Porbeagle (Lamna nasus), Red hake (Urophycis chuss), Roughhead grenadier (Macrourus berglax), Roundnose grenadier (Coryphaenoides rupestris), Saithe(=Pollock) (Pollachius virens), Saithe(=Pollock) (Pollachius virens), Sandeels(=Sandlances) nei (Ammodytes spp), Sculpins (Myoxocephalus spp), Silver hake (Merluccius bilinearis), Thresher sharks nei (Alopias spp), Tusk(=Cusk) (Brosme brosme), White hake (Urophycis tenuis), Winter flounder (Pseudopleuronectes americanus), Witch flounder (Glyptocephalus cynoglossus), Wolffishes(=Catfishes) nei (Anarhichas spp), Yellowtail flounder (Limanda ferruginea)</p>	<p>Set gillnets/set nets (anchored), (Bottom)</p>	<p>Number of Vessels: none provided, Licenses: 123, Participants: none provided, Aquaculture Facilities: none provided</p>	<p>EEZ,(FAO:21 Atlantic Northwest),21.4.X, 21.5.Y, 21.5.Z, 21.5.Z.c, 21.5.Z.e, 21.5.Z.u, 21.5.Z.w,Maritimes Region (4X5)- Pollock</p>	<p>Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Blainville's beaked whale (Western North Atlantic) Blue whale (Western North Atlantic) Common bottlenose dolphin (Western North Atlantic) Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Dwarf sperm whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (Northwest Atlantic/Eastern Arctic) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Pygmy sperm whale (Western North Atlantic) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) Striped dolphin (Western North Atlantic) True's beaked whale (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)</p>	<p>Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Blainville's beaked whale (Western North Atlantic): 0 Blue whale (Western North Atlantic): 0 Common bottlenose dolphin (Western North Atlantic): 0 Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): 0 Dwarf sperm whale (Western North Atlantic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (Northwest Atlantic/Eastern Arctic): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 North Atlantic right whale (Western North Atlantic): 0 Northern bottlenose whale (Scotian Shelf): 0 Pygmy sperm whale (Western North Atlantic): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Sowerby's beaked whale (Western North Atlantic): 0 Sperm whale, cachalot (Western North Atlantic): 0 Striped dolphin (Western North Atlantic): 0 True's beaked whale (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0</p>	

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
<p>Amer. plaice(=Long rough dab) (Hippoglossoides platessoides), American angler (Lophius americanus), Atlantic cod (Gadus morhua), Atlantic halibut (Hippoglossus hippoglossus), Atlantic redfishes nei (Sebastes spp), Atlantic searobins (Prionotus spp), Blue shark (Prionace glauca), Cunner (Tautogolabrus adspersus), Dogfish sharks nei (Squalidae), Greater argentine (Argentina silus), Greenland cod (Gadus ogac), Greenland halibut (Reinhardtius hippoglossoides), Haddock (Melanogrammus aeglefinus), Hagfish (Myxine glutinosa), Ling (Molva molva), Lumpfish(=Lumpsucker) (Cyclopterus lumpus), Mako sharks (Isurus spp), Ocean pout (Macrozoarces americanus), Polar cod (Boreogadus saida), Porbeagle (Lamna nasus), Raja rays nei (Raja spp), Red hake (Urophycis chuss), Roughhead grenadier (Macrourus berglax), Roundnose grenadier (Coryphaenoides rupestris), Saithe(=Pollock) (Pollachius virens), Saithe(=Pollock) (Pollachius virens), Sandeels(=Sandlances) nei (Ammodytes spp), Sculpins (Myoxocephalus spp), Silver hake (Merluccius bilinearis), Thresher sharks nei (Alopias spp), Tusk(=Cusk) (Brosme brosme), White hake (Urophycis tenuis), Winter flounder (Pseudopleuronectes americanus), Witch flounder (Glyptocephalus cynoglossus), Wolffishes(=Catfishes) nei (Anarhichas spp), Yellowtail flounder (Limanda ferruginea)</p>	<p>Longlines (not specified), (Pelagic)</p>	<p>Number of Vessels: none provided, Licenses: 7, Participants: none provided, Aquaculture Facilities: none provided</p>	<p>EEZ,(FAO:21 Atlantic Northwest),21.5.Z,Maritimes Region (5Z)- Pollock</p>	<p>Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Blainville's beaked whale (Western North Atlantic) Blue whale (Western North Atlantic) Common bottlenose dolphin (Western North Atlantic) Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Dwarf sperm whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (Northwest Atlantic/Eastern Arctic) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Pygmy sperm whale (Western North Atlantic) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Short-finned pilot whale (Western North Atlantic) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) Striped dolphin (Western North Atlantic) True's beaked whale (Western North Atlantic)White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)</p>	<p>Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Blainville's beaked whale (Western North Atlantic): 0 Blue whale (Western North Atlantic): 0 Common bottlenose dolphin (Western North Atlantic): 0 Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): 0 Dwarf sperm whale (Western North Atlantic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (Northwest Atlantic/Eastern Arctic): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 North Atlantic right whale (Western North Atlantic): 0 Northern bottlenose whale (Scotian Shelf): 0 Pygmy sperm whale (Western North Atlantic): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Short-finned pilot whale (Western North Atlantic): 0 Sowerby's beaked whale (Western North Atlantic): 0 Sperm whale, cachalot (Western North Atlantic): 0 Striped dolphin (Western North Atlantic): 0 True's beaked whale (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0</p>	
<p>Amer. plaice(=Long rough dab) (Hippoglossoides platessoides), American angler (Lophius americanus), Atlantic halibut (Hippoglossus hippoglossus), Atlantic redfishes nei (Sebastes spp), Blue shark (Prionace glauca), Cunner (Tautogolabrus adspersus), Dogfish sharks nei (Squalidae), Greater argentine (Argentina silus), Greenland cod (Gadus ogac), Greenland halibut (Reinhardtius hippoglossoides), Haddock (Melanogrammus aeglefinus), Hagfish (Myxine glutinosa), Ling (Molva molva), Lumpfish(=Lumpsucker) (Cyclopterus lumpus), Mako sharks (Isurus spp), Ocean pout (Macrozoarces americanus), Polar cod (Boreogadus saida), Porbeagle (Lamna nasus), Raja rays nei (Raja spp), Red hake (Urophycis chuss), Roughhead grenadier (Macrourus berglax), Roundnose grenadier (Coryphaenoides rupestris), Saithe(=Pollock) (Pollachius virens), Sandeels(=Sandlances) nei (Ammodytes spp), Sculpins (Myoxocephalus spp), Silver hake (Merluccius bilinearis), Thresher sharks nei (Alopias spp), Tusk(=Cusk) (Brosme brosme), White hake (Urophycis tenuis), Winter flounder (Pseudopleuronectes americanus), Witch flounder (Glyptocephalus cynoglossus), Wolffishes(=Catfishes) nei (Anarhichas spp), Yellowtail flounder (Limanda ferruginea)</p>	<p>Set gillnets/set nets (anchored), (Bottom)</p>	<p>Number of Vessels: none provided, Licenses: 7, Participants: none provided, Aquaculture Facilities: none provided</p>	<p>EEZ,(FAO:21 Atlantic Northwest),21.5.Z,Maritimes Region (5Z)-Pollock</p>	<p>Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Blue whale (Western North Atlantic) Common bottlenose dolphin (Western North Atlantic) Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (Northwest Atlantic/Eastern Arctic) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Short-finned pilot whale (Western North Atlantic) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)</p>	<p>Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Blue whale (Western North Atlantic): 0 Common bottlenose dolphin (Western North Atlantic): 0 Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (Northwest Atlantic/Eastern Arctic): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 North Atlantic right whale (Western North Atlantic): 0 Northern bottlenose whale (Scotian Shelf): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Short-finned pilot whale (Western North Atlantic): 0 Sowerby's beaked whale (Western North Atlantic): 0 Sperm whale, cachalot (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0</p>	

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
<p>Amer. plaice(=Long rough dab) (Hippoglossoides platessoides), American angler (Lophius americanus), Atlantic cod (Gadus morhua), Atlantic halibut (Hippoglossus hippoglossus), Atlantic redfishes nei (Sebastes spp), Atlantic searobins (Prionotus spp), Blue shark (Prionace glauca), Cunner (Tautogolabrus adspersus), Dogfish sharks nei (Squalidae), Greater argentine (Argentina silus), Greenland cod (Gadus ogac), Greenland halibut (Reinhardtius hippoglossoides), Haddock (Melanogrammus aeglefinus), Hagfish (Myxine glutinosa), Ling (Molva molva), Lumpfish(=Lumpsucker) (Cyclopterus lumpus), Mako sharks (Isurus spp), Ocean pout (Macrozoarces americanus), Polar cod (Boreogadus saida), Porbeagle (Lamna nasus), Raja rays nei (Raja spp), Red hake (Urophycis chuss), Roughhead grenadier (Macrourus berglax), Roundnose grenadier (Coryphaenoides rupestris), Saithe(=Pollock) (Pollachius virens), Saithe(=Pollock) (Pollachius virens), Sandeels(=Sandlances) nei (Ammodytes spp), Sculpins (Myoxocephalus spp), Silver hake (Merluccius bilinearis), Thresher sharks nei (Alopias spp), Tusk(=Cusk) (Brosme brosme), White hake (Urophycis tenuis), Winter flounder (Pseudopleuronectes americanus), Witch flounder (Glyptocephalus cynoglossus), Wolffishes(=Catfishes) nei (Anarhichas spp), Yellowtail flounder (Limanda ferruginea)</p>	<p>Longlines (not specified), (Pelagic)</p>	<p>Number of Vessels: none provided, Licenses: 321, Participants: none provided, Aquaculture Facilities: none provided</p>	<p>EEZ,(FAO:21 Atlantic Northwest),21.4.X, 21.5.Y, 21.5.Z, 21.5.Z.c, 21.5.Z.e, 21.5.Z.u, 21.5.Z.w,Maritimes Region (4X5)- Pollock</p>	<p>Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Blainville's beaked whale (Western North Atlantic) Blue whale (Western North Atlantic) Common bottlenose dolphin (Western North Atlantic) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Dwarf sperm whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (Northwest Atlantic/Eastern Arctic) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Pygmy sperm whale (Western North Atlantic) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Short-finned pilot whale (Western North Atlantic) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot Western North Atlantic) Striped dolphin (Western North Atlantic) True's beaked whale (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)</p>	<p>Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Blainville's beaked whale (Western North Atlantic): 0 Blue whale (Western North Atlantic): 0 Common bottlenose dolphin (Western North Atlantic): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): 0 Dwarf sperm whale (Western North Atlantic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (Northwest Atlantic/Eastern Arctic): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 North Atlantic right whale (Western North Atlantic): 0 Northern bottlenose whale (Scotian Shelf): 0 Pygmy sperm whale (Western North Atlantic): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Short-finned pilot whale (Western North Atlantic): 0 Sowerby's beaked whale (Western North Atlantic): 0 Sperm whale, cachalot (Western North Atlantic): 0 Striped dolphin (Western North Atlantic): 0 True's beaked whale (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0</p>	
<p>Amer. plaice(=Long rough dab) (Hippoglossoides platessoides), American angler (Lophius americanus), Atlantic cod (Gadus morhua), Atlantic halibut (Hippoglossus hippoglossus), Atlantic redfishes nei (Sebastes spp), Atlantic redfishes nei (Sebastes spp), Atlantic searobins (Prionotus spp), Cunner (Tautogolabrus adspersus), Dogfish sharks nei (Squalidae), Greater argentine (Argentina silus), Greenland halibut (Reinhardtius hippoglossoides), Haddock (Melanogrammus aeglefinus), Hagfish (Myxine glutinosa), Ling (Molva molva), Lumpfish(=Lumpsucker) (Cyclopterus lumpus), Ocean pout (Macrozoarces americanus), Polar cod (Boreogadus saida), Raja rays nei (Raja spp), Red hake (Urophycis chuss), Roughhead grenadier (Macrourus berglax), Roundnose grenadier (Coryphaenoides rupestris), Saithe(=Pollock) (Pollachius virens), Sandeels(=Sandlances) nei (Ammodytes spp), Sculpins (Myoxocephalus spp), Silver hake (Merluccius bilinearis), Tusk(=Cusk) (Brosme brosme), White hake (Urophycis tenuis), Witch flounder (Glyptocephalus cynoglossus), Wolffishes(=Catfishes) nei (Anarhichas spp), Yellowtail flounder (Limanda ferruginea)</p>	<p>Otter trawls (not specified), (Bottom)</p>	<p>Number of Vessels: none provided, Licenses: 18, Participants: none provided, Aquaculture Facilities: none provided</p>	<p>EEZ,(FAO:21 Atlantic Northwest),21.4.V.n,Maritimes Region - Unit 1 (4Vn)- Redfish</p>	<p>Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Blainville's beaked whale (Western North Atlantic) Blue whale (Western North Atlantic) Common bottlenose dolphin (Western North Atlantic) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Dwarf sperm whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (Northwest Atlantic/Eastern Arctic) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Pygmy sperm whale (Western North Atlantic) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Short-finned pilot whale (Western North Atlantic) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) Striped dolphin (Western North Atlantic) True's beaked whale (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)</p>	<p>Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Blainville's beaked whale (Western North Atlantic): 0 Blue whale (Western North Atlantic): 0 Common bottlenose dolphin (Western North Atlantic): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): 0 Dwarf sperm whale (Western North Atlantic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (Northwest Atlantic/Eastern Arctic): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 North Atlantic right whale (Western North Atlantic): 0 Northern bottlenose whale (Scotian Shelf): 0 Pygmy sperm whale (Western North Atlantic): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Short-finned pilot whale (Western North Atlantic): 0 Sowerby's beaked whale (Western North Atlantic): 0 Sperm whale, cachalot (Western North Atlantic): 0 Striped dolphin (Western North Atlantic): 0 True's beaked whale (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0</p>	

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
<p>Amer. plaice(=Long rough dab) (Hippoglossoides platessoides), American angler (Lophius americanus), Atlantic cod (Gadus morhua), Atlantic halibut (Hippoglossus hippoglossus), Atlantic redfishes nei (Sebastes spp), Atlantic redfishes nei (Sebastes spp), Atlantic searobins (Prionotus spp), Cunner (Tautogolabrus adspersus), Dogfish sharks nei (Squalidae), Greater argentine (Argentina silus), Greenland cod (Gadus ogac), Greenland halibut (Reinhardtius hippoglossoides), Haddock (Melanogrammus aeglefinus), Hagfish (Myxine glutinosa), Ling (Molva molva), Lumpfish(=Lumpsucker) (Cyclopterus lumpus), Ocean pout (Macrozoarces americanus), Polar cod (Boreogadus saida), Raja rays nei (Raja spp), Red hake (Urophycis chuss), Roughhead grenadier (Macrourus berglax), Roundnose grenadier (Coryphaenoides rupestris), Saithe(=Pollock) (Pollachius virens), Sandeels(=Sandlances) nei (Ammodytes spp), Sculpins (Myoxocephalus spp), Silver hake (Merluccius bilinearis), Tusk(=Cusk) (Brosme brosme), White hake (Urophycis tenuis), Winter flounder (Pseudopleuronectes americanus), Witch flounder (Glyptocephalus cynoglossus), Wolffishes(=Catfishes) nei (Anarhichas spp), Yellowtail flounder (Limanda ferruginea)</p>	<p>Midwater trawls (not specified), (Midwater)</p>	<p>Number of Vessels: none provided, Licenses: 0, Participants: none provided, Aquaculture Facilities: none provided</p>	<p>EEZ,(FAO:21 Atlantic Northwest),21.4.V.n,Maritimes Region - Unit 1 (4Vn)- Redfish</p>	<p>Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Blainville's beaked whale (Western North Atlantic) Blue whale (Western North Atlantic) Common bottlenose dolphin (Western North Atlantic) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Dwarf sperm whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (Northwest Atlantic/Eastern Arctic) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Pygmy sperm whale (Western North Atlantic) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Short-finned pilot whale (Western North Atlantic) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) Striped dolphin (Western North Atlantic) True's beaked whale (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)</p>	<p>Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Blainville's beaked whale (Western North Atlantic): 0 Blue whale (Western North Atlantic): 0 Common bottlenose dolphin (Western North Atlantic): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): 0 Dwarf sperm whale (Western North Atlantic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (Northwest Atlantic/Eastern Arctic): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 North Atlantic right whale (Western North Atlantic): 0 Northern bottlenose whale (Scotian Shelf): 0 Pygmy sperm whale (Western North Atlantic): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Short-finned pilot whale (Western North Atlantic): 0 Sowerby's beaked whale (Western North Atlantic): 0 Sperm whale, cachalot (Western North Atlantic): 0 Striped dolphin (Western North Atlantic): 0 True's beaked whale (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0</p>	
<p>Amer. plaice(=Long rough dab) (Hippoglossoides platessoides), American angler (Lophius americanus), Atlantic cod (Gadus morhua), Atlantic halibut (Hippoglossus hippoglossus), Atlantic redfishes nei (Sebastes spp), Atlantic redfishes nei (Sebastes spp), Atlantic searobins (Prionotus spp), Cunner (Tautogolabrus adspersus), Dogfish sharks nei (Squalidae), Greater argentine (Argentina silus), Greenland cod (Gadus ogac), Greenland halibut (Reinhardtius hippoglossoides), Haddock (Melanogrammus aeglefinus), Hagfish (Myxine glutinosa), Ling (Molva molva), Lumpfish(=Lumpsucker) (Cyclopterus lumpus), Ocean pout (Macrozoarces americanus), Polar cod (Boreogadus saida), Raja rays nei (Raja spp), Red hake (Urophycis chuss), Roughhead grenadier (Macrourus berglax), Roundnose grenadier (Coryphaenoides rupestris), Saithe(=Pollock) (Pollachius virens), Sandeels(=Sandlances) nei (Ammodytes spp), Sculpins (Myoxocephalus spp), Silver hake (Merluccius bilinearis), Silver hake (Merluccius bilinearis), Tusk(=Cusk) (Brosme brosme), White hake (Urophycis tenuis), Winter flounder (Pseudopleuronectes americanus), Witch flounder (Glyptocephalus cynoglossus), Wolffishes(=Catfishes) nei (Anarhichas spp), Yellowtail flounder (Limanda ferruginea)</p>	<p>Midwater trawls (not specified), (Midwater)</p>	<p>Number of Vessels: none provided, Licenses: 18, Participants: none provided, Aquaculture Facilities: none provided</p>	<p>EEZ,(FAO:21 Atlantic Northwest),21.4.V, 21.4.W,Maritimes Region - Unit 2 (4VW)- Redfish</p>	<p>Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Blainville's beaked whale (Western North Atlantic) Blue whale (Western North Atlantic) Common bottlenose dolphin (Western North Atlantic) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Dwarf sperm whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (Northwest Atlantic/Eastern Arctic) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Pygmy sperm whale (Western North Atlantic) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Short-finned pilot whale (Western North Atlantic) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) Striped dolphin (Western North Atlantic) True's beaked whale (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)</p>	<p>Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Blainville's beaked whale (Western North Atlantic): 0 Blue whale (Western North Atlantic): 0 Common bottlenose dolphin (Western North Atlantic): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): 0 Dwarf sperm whale (Western North Atlantic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (Northwest Atlantic/Eastern Arctic): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 North Atlantic right whale (Western North Atlantic): 0 Pygmy sperm whale (Western North Atlantic): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Short-finned pilot whale (Western North Atlantic): 0 Sowerby's beaked whale (Western North Atlantic): 0 Sperm whale, cachalot (Western North Atlantic): 0 Striped dolphin (Western North Atlantic): 0 True's beaked whale (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0</p>	

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
American lobster (<i>Homarus americanus</i>), Atlantic rock crab (<i>Cancer irroratus</i>), Jonah crab (<i>Cancer borealis</i>)	Pots/traps, (Bottom)	Number of Vessels: none provided, Licenses: 8, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),Maritimes Region (LFA 41)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Blainville's beaked whale (Western North Atlantic) Blue whale (Western North Atlantic) Common bottlenose dolphin (Western North Atlantic) Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Dwarf sperm whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (Northwest Atlantic/Eastern Arctic) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic)Northern bottlenose whale (Scotian Shelf) Pygmy sperm whale (Western North Atlantic) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Short-finned pilot whale (Western North Atlantic) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) Striped dolphin (Western North Atlantic) True's beaked whale (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Blainville's beaked whale (Western North Atlantic): 0 Blue whale (Western North Atlantic): 0 Common bottlenose dolphin (Western North Atlantic): 0 Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): 0 Dwarf sperm whale (Western North Atlantic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (Northwest Atlantic/Eastern Arctic): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 North Atlantic right whale (Western North Atlantic): 0 Northern bottlenose whale (Scotian Shelf): 0 Pygmy sperm whale (Western North Atlantic): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Short-finned pilot whale (Western North Atlantic): 0 Sowerby's beaked whale (Western North Atlantic): 0 Sperm whale, cachalot (Western North Atlantic): 0 Striped dolphin (Western North Atlantic): 0 True's beaked whale (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0	
Jonah crab (<i>Cancer borealis</i>)	Pots/traps, (Bottom)	Number of Vessels: none provided, Licenses: 23, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),Maritimes Region (LFA 32, 33, 34)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Blainville's beaked whale (Western North Atlantic) Blue whale (Western North Atlantic) Common bottlenose dolphin (Western North Atlantic) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Dwarf sperm whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (Northwest Atlantic/Eastern Arctic) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Pygmy sperm whale (Western North Atlantic) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Short-finned pilot whale (Western North Atlantic) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) Striped dolphin (Western North Atlantic) True's beaked whale (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Blainville's beaked whale (Western North Atlantic): 0 Blue whale (Western North Atlantic): 0 Common bottlenose dolphin (Western North Atlantic): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): 0 Dwarf sperm whale (Western North Atlantic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (Northwest Atlantic/Eastern Arctic): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 North Atlantic right whale (Western North Atlantic): 0 Northern bottlenose whale (Scotian Shelf): 0 Pygmy sperm whale (Western North Atlantic): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Short-finned pilot whale (Western North Atlantic): 0 Sowerby's beaked whale (Western North Atlantic): 0 Sperm whale, cachalot (Western North Atlantic): 0 Striped dolphin (Western North Atlantic): 0 True's beaked whale (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0	

Table 1. Summary of the 2012-2013 commercial fishery for Atlantic halibut in the Gulf of St. Lawrence, Scotian Shelf, and Bay of Fundy, Newfoundland

Table 1. Summary of the 2012-2013 commercial fishery for Atlantic halibut in the Gulf of St. Lawrence, Scotian Shelf, and Bay of Fundy, Newfoundland. The table is organized into four columns: Target Species or Product, Gear Type, Number of Vessels/Licenses/Participants/Aquaculture Facilities, and Area of Operation. The first column lists various fish species and their scientific names. The second column describes the types of fishing gear used. The third column provides details on the number of vessels, licenses, participants, and aquaculture facilities. The fourth column specifies the geographic regions where the fishery takes place.

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Amer. plaice(=Long rough dab) (<i>Hippoglossoides platessoides</i>), American angler (<i>Lophius americanus</i>), Atlantic cod (<i>Gadus morhua</i>), Atlantic halibut (<i>Hippoglossus hippoglossus</i>), Atlantic redfishes nei (<i>Sebastes</i> spp), Atlantic searobins (<i>Prionotus</i> spp), Cunner (<i>Tautogolabrus adspersus</i>), Dogfish sharks nei (<i>Squalidae</i>), Greater argentine (<i>Argentina silus</i>), Greenland cod (<i>Gadus ogac</i>), Greenland halibut (<i>Reinhardtius hippoglossoides</i>), Haddock (<i>Melanogrammus aeglefinus</i>), Hagfish (<i>Myxine glutinosa</i>), Ling (<i>Molva molva</i>), Lumpfish(=Lumpsucker) (<i>Cyclopterus lumpus</i>), Ocean pout (<i>Macrozoarces americanus</i>), Offshore silver hake (<i>Merluccius albidus</i>), Polar cod (<i>Boreogadus saida</i>), Raja rays nei (<i>Raja</i> spp), Red hake (<i>Urophycis chuss</i>), Roughhead grenadier (<i>Macrourus berglax</i>), Roundnose grenadier (<i>Coryphaenoides rupestris</i>), Saithe(=Pollock) (<i>Pollachius virens</i>), Sandeels(=Sandlances) nei (<i>Ammodytes</i> spp), Sculpins (<i>Myoxocephalus</i> spp), Silver hake (<i>Merluccius bilinearis</i>), Silver hake (<i>Merluccius bilinearis</i>), Tusk(=Cusk) (<i>Brosme brosme</i>), White hake (<i>Urophycis tenuis</i>), Winter flounder (<i>Pseudopleuronectes americanus</i>), Witch flounder (<i>Glyptocephalus cynoglossus</i>), Wolffishes(=Catfishes) nei (<i>Anarhichas</i> spp), Yellowtail flounder (<i>Limanda ferruginea</i>)	Midwater trawls (not specified), (Midwater), Otter trawls (not specified), (Bottom), Trawls (not specified), (Bottom)	Number of Vessels: none provided, Licenses: 13, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),Maritimes Region (portions of 4XW; shelf edge, Lahave Basin, and Emerald Basin)- Silver hake	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Blainville's beaked whale (Western North Atlantic) Blue whale (Western North Atlantic) Common bottlenose dolphin (Western North Atlantic) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Dwarf sperm whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Pacific coast stock delineation in CAN unknown) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (Northwest Atlantic/Eastern Arctic) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Pygmy sperm whale (Western North Atlantic) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Short-finned pilot whale (Western North Atlantic) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) Striped dolphin (Western North Atlantic) True's beaked whale (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Blainville's beaked whale (Western North Atlantic): 0 Blue whale (Western North Atlantic): 0 Common bottlenose dolphin (Western North Atlantic): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): 0 Dwarf sperm whale (Western North Atlantic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harbor seal, common seal (Pacific coast stock delineation in CAN unknown): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (Northwest Atlantic/Eastern Arctic): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 North Atlantic right whale (Western North Atlantic): 0 Northern bottlenose whale (Scotian Shelf): 0 Pygmy sperm whale (Western North Atlantic): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Short-finned pilot whale (Western North Atlantic): 0 Sowerby's beaked whale (Western North Atlantic): 0 Sperm whale, cachalot (Western North Atlantic): 0 Striped dolphin (Western North Atlantic): 0 True's beaked whale (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0	
Amer. plaice(=Long rough dab) (<i>Hippoglossoides platessoides</i>), American angler (<i>Lophius americanus</i>), Atlantic cod (<i>Gadus morhua</i>), Atlantic halibut (<i>Hippoglossus hippoglossus</i>), Atlantic redfishes nei (<i>Sebastes</i> spp), Atlantic searobins (<i>Prionotus</i> spp), Cunner (<i>Tautogolabrus adspersus</i>), Dogfish sharks nei (<i>Squalidae</i>), Greater argentine (<i>Argentina silus</i>), Greenland cod (<i>Gadus ogac</i>), Greenland halibut (<i>Reinhardtius hippoglossoides</i>), Haddock (<i>Melanogrammus aeglefinus</i>), Hagfish (<i>Myxine glutinosa</i>), Ling (<i>Molva molva</i>), Lumpfish(=Lumpsucker) (<i>Cyclopterus lumpus</i>), Ocean pout (<i>Macrozoarces americanus</i>), Polar cod (<i>Boreogadus saida</i>), Raja rays nei (<i>Raja</i> spp), Red hake (<i>Urophycis chuss</i>), Roughhead grenadier (<i>Macrourus berglax</i>), Roughhead grenadier (<i>Macrourus berglax</i>), Saithe(=Pollock) (<i>Pollachius virens</i>), Sandeels(=Sandlances) nei (<i>Ammodytes</i> spp), Sculpins (<i>Myoxocephalus</i> spp), Silver hake (<i>Merluccius bilinearis</i>), Tusk(=Cusk) (<i>Brosme brosme</i>), Various squids nei (<i>Loliginidae</i> , <i>Ommastrephidae</i>), White hake (<i>Urophycis tenuis</i>), Winter flounder (<i>Pseudopleuronectes americanus</i>), Witch flounder (<i>Glyptocephalus cynoglossus</i>), Wolffishes(=Catfishes) nei (<i>Anarhichas</i> spp), Yellowtail flounder (<i>Limanda ferruginea</i>)	Otter trawls (not specified), (Bottom)	Number of Vessels: none provided, Licenses: 3, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),Maritimes Region (portions of 4WX; shelf edge, Lahave Basin, Emerald Basin)- Squids	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Blainville's beaked whale (Western North Atlantic) Blue whale (Western North Atlantic) Common bottlenose dolphin (Western North Atlantic) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Dwarf sperm whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (Northwest Atlantic/Eastern Arctic) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Pygmy sperm whale (Western North Atlantic) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Short-finned pilot whale (Western North Atlantic) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) Striped dolphin (Western North Atlantic) True's beaked whale (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Blainville's beaked whale (Western North Atlantic): 0 Blue whale (Western North Atlantic): 0 Common bottlenose dolphin (Western North Atlantic): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): 0 Dwarf sperm whale (Western North Atlantic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (Northwest Atlantic/Eastern Arctic): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 North Atlantic right whale (Western North Atlantic): 0 Northern bottlenose whale (Scotian Shelf): 0 Pygmy sperm whale (Western North Atlantic): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Short-finned pilot whale (Western North Atlantic): 0 Sowerby's beaked whale (Western North Atlantic): 0 Sperm whale, cachalot (Western North Atlantic): 0 Striped dolphin (Western North Atlantic): 0 True's beaked whale (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0	

Target Species or Product	Gear Type	Number of Vessels/ Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
<p>Amer. plaice(=Long rough dab) (Hippoglossoides platessoides), American angler (Lophius americanus), Atlantic cod (Gadus morhua), Atlantic halibut (Hippoglossus hippoglossus), Atlantic redfishes nei (Sebastes spp), Atlantic searobins (Prionotus spp), Cunner (Tautogolabrus adspersus), Dogfish sharks nei (Squalidae), Greater argentine (Argentina silus), Greenland cod (Gadus ogac), Greenland halibut (Reinhardtius hippoglossoides), Haddock (Melanogrammus aeglefinus), Hagfish (Myxine glutinosa), Ling (Molva molva), Lumpfish(=Lumpsucker) (Cyclopterus lumpus), Ocean pout (Macrozoarces americanus), Polar cod (Boreogadus saida), Raja rays nei (Raja spp), Red hake (Urophycis chuss), Roughhead grenadier (Macrourus berglax), Roundnose grenadier (Coryphaenoides rupestris), Saithe(=Pollock) (Pollachius virens), Sandeels(=Sandlances) nei (Ammodytes spp), Sculpins (Myoxocephalus spp), Sculpins (Myoxocephalus spp), Sculpins nei (Cottidae), Silver hake (Merluccius bilinearis), Tusk(=Cusk) (Brosme brosme), White hake (Urophycis tenuis), Winter flounder (Pseudopleuronectes americanus), Witch flounder (Glyptocephalus cynoglossus), Wolffishes(=Catfishes) nei (Anarhichas spp), Yellowtail flounder (Limanda ferruginea)</p>	<p>Otter trawls (not specified), (Bottom)</p>	<p>Number of Vessels: none provided, Licenses: none provided, Participants: 4, Aquaculture Facilities: none provided</p>	<p>EEZ,(FAO:21 Atlantic Northwest),Maritimes Region (St. Mary's Bay)-Sculpin</p>	<p>Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Blue whale (Western North Atlantic) Common bottlenose dolphin (Western North Atlantic) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Dwarf sperm whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Pacific coast stock delineation in CAN unknown) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (Northwest Atlantic/Eastern Arctic) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Pygmy sperm whale (Western North Atlantic) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Short-finned pilot whale (Western North Atlantic) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)</p>	<p>Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Blue whale (Western North Atlantic): 0 Common bottlenose dolphin (Western North Atlantic): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): 0 Dwarf sperm whale (Western North Atlantic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harbor seal, common seal (Pacific coast stock delineation in CAN unknown): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (Northwest Atlantic/Eastern Arctic): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 North Atlantic right whale (Western North Atlantic): 0 Northern bottlenose whale (Scotian Shelf): 0 Pygmy sperm whale (Western North Atlantic): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Short-finned pilot whale (Western North Atlantic): 0 Sowerby's beaked whale (Western North Atlantic): 0 Sperm whale, cachalot (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0</p>	
<p>Atlantic mackerel (Scomber scombrus), Herrings/sardines nei (Clupeidae)</p>	<p>Gillnets and entangling nets (not specified), (Surface)</p>	<p>Number of Vessels: none provided, Licenses: 1947, Participants: 204, Aquaculture Facilities: none provided</p>	<p>EEZ,(FAO:21 Atlantic Northwest),Maritimes Region</p>	<p>Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Blainville's beaked whale (Western North Atlantic) Blue whale (Western North Atlantic) Common bottlenose dolphin (Western North Atlantic) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Dwarf sperm whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (Northwest Atlantic/Eastern Arctic) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Pygmy sperm whale (Western North Atlantic) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Short-finned pilot whale (Western North Atlantic) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) Striped dolphin (Western North Atlantic) True's beaked whale (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)</p>	<p>Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Blainville's beaked whale (Western North Atlantic): 0 Blue whale (Western North Atlantic): 0 Common bottlenose dolphin (Western North Atlantic): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): 0 Dwarf sperm whale (Western North Atlantic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (Northwest Atlantic/Eastern Arctic): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 North Atlantic right whale (Western North Atlantic): 0 Northern bottlenose whale (Scotian Shelf): 0 Pygmy sperm whale (Western North Atlantic): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Short-finned pilot whale (Western North Atlantic): 0 Sowerby's beaked whale (Western North Atlantic): 0 Sperm whale, cachalot (Western North Atlantic): 0 Striped dolphin (Western North Atlantic): 0 True's beaked whale (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0</p>	

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Atlantic mackerel (<i>Scomber scombrus</i>), Herrings/sardines nei (<i>Clupeidae</i>)	Set gillnets/set nets (anchored), (Pelagic)	Number of Vessels: none provided, Licenses: 1947, Participants: 204, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),Maritimes Region	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Blainville's beaked whale (Western North Atlantic) Blue whale (Western North Atlantic) Common bottlenose dolphin (Western North Atlantic) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Dwarf sperm whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (Northwest Atlantic/Eastern Arctic) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Pygmy sperm whale (Western North Atlantic) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Short-finned pilot whale (Western North Atlantic) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) True's beaked whale (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Blainville's beaked whale (Western North Atlantic): 0 Blue whale (Western North Atlantic): 0 Common bottlenose dolphin (Western North Atlantic): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): 0 Dwarf sperm whale (Western North Atlantic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (Northwest Atlantic/Eastern Arctic): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 North Atlantic right whale (Western North Atlantic): 0 Northern bottlenose whale (Scotian Shelf): 0 Pygmy sperm whale (Western North Atlantic): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Short-finned pilot whale (Western North Atlantic): 0 Sowerby's beaked whale (Western North Atlantic): 0 Sperm whale, cachalot (Western North Atlantic): 0 True's beaked whale (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0	
Herrings/sardines nei (<i>Clupeidae</i>), Mackerels nei (<i>Scombridae</i>)	Gillnets and entangling nets (not specified), (Surface)	Number of Vessels: none provided, Licenses: 1700, Participants: 200, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),Maritimes Region	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Blainville's beaked whale (Western North Atlantic) Blue whale (Western North Atlantic) Common bottlenose dolphin (Western North Atlantic) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Dwarf sperm whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (Northwest Atlantic/Eastern Arctic) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Pygmy sperm whale (Western North Atlantic) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Short-finned pilot whale (Western North Atlantic) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) Striped dolphin (Western North Atlantic) True's beaked whale (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Blainville's beaked whale (Western North Atlantic): 0 Blue whale (Western North Atlantic): 0 Common bottlenose dolphin (Western North Atlantic): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): 0 Dwarf sperm whale (Western North Atlantic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (Northwest Atlantic/Eastern Arctic): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 North Atlantic right whale (Western North Atlantic): 0 Northern bottlenose whale (Scotian Shelf): 0 Pygmy sperm whale (Western North Atlantic): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Short-finned pilot whale (Western North Atlantic): 0 Sowerby's beaked whale (Western North Atlantic): 0 Sperm whale, cachalot (Western North Atlantic): 0 Striped dolphin (Western North Atlantic): 0 True's beaked whale (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0	

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Herrings/sardines nei (Clupeidae), Mackerels nei (Scombridae)	Purse seines, (Pelagic)	Number of Vessels: none provided, Licenses: 41, Participants: 0, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),Maritimes Region	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Blainville's beaked whale (Western North Atlantic) Blue whale (Western North Atlantic) Common bottlenose dolphin (Western North Atlantic) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Dwarf sperm whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (Northwest Atlantic/Eastern Arctic) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Pygmy sperm whale (Western North Atlantic) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Short-finned pilot whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) Striped dolphin (Western North Atlantic) True's beaked whale (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Blainville's beaked whale (Western North Atlantic): 0 Blue whale (Western North Atlantic): 0 Common bottlenose dolphin (Western North Atlantic): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): 0 Dwarf sperm whale (Western North Atlantic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (Northwest Atlantic/Eastern Arctic): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 North Atlantic right whale (Western North Atlantic): 0 Northern bottlenose whale (Scotian Shelf): 0 Pygmy sperm whale (Western North Atlantic): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Short-finned pilot whale (Western North Atlantic): 0 Sperm whale, cachalot (Western North Atlantic): 0 Striped dolphin (Western North Atlantic): 0 True's beaked whale (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0	
Herrings/sardines nei (Clupeidae), Mackerels nei (Scombridae)	Barriers, fences, weirs, etc., (Pelagic), Beach seines, (Pelagic)	Number of Vessels: none provided, Licenses: 49, Participants: 0, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),Maritimes Region	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Blainville's beaked whale (Western North Atlantic) Blue whale (Western North Atlantic) Common bottlenose dolphin (Western North Atlantic) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Dwarf sperm whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (Northwest Atlantic/Eastern Arctic) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Pygmy sperm whale (Western North Atlantic) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Short-finned pilot whale (Western North Atlantic) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) Striped dolphin (Western North Atlantic) True's beaked whale (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Blainville's beaked whale (Western North Atlantic): 0 Blue whale (Western North Atlantic): 0 Common bottlenose dolphin (Western North Atlantic): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): 0 Dwarf sperm whale (Western North Atlantic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (Northwest Atlantic/Eastern Arctic): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 North Atlantic right whale (Western North Atlantic): 0 Northern bottlenose whale (Scotian Shelf): 0 Pygmy sperm whale (Western North Atlantic): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Short-finned pilot whale (Western North Atlantic): 0 Sowerby's beaked whale (Western North Atlantic): 0 Sperm whale, cachalot (Western North Atlantic): 0 Striped dolphin (Western North Atlantic): 0 True's beaked whale (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0	

Table 1. Summary of the 2010-2011 Atlantic Fisheries Observer Program

Table 1. Summary of the 2010-2011 Atlantic Fisheries Observer Program. The table is organized into four columns: Target Species or Product, Gear Type, Number of Vessels/Licenses/Participants/Aquaculture Facilities, and Area of Operation. The first column lists various fish species and products. The second column describes the gear used, such as gillnets or traps. The third column provides details on the number of vessels, licenses, participants, and aquaculture facilities. The fourth column indicates the geographic area of operation, such as EEZ, Northwest, or Maritimes Region.

Table 1. Summary of the 2010-2011 Atlantic Fisheries Observer Program

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Amer. plaice(=Long rough dab) (Hippoglossoides platessoides), American angler (Lophius americanus), Atlantic cod (Gadus morhua), Atlantic halibut (Hippoglossus hippoglossus), Atlantic redfishes nei (Sebastes spp), Atlantic searobins (Prionotus spp), Blue shark (Prionace glauca), Cunner (Tautogolabrus adspersus), Dogfish sharks nei (Squalidae), Greater argentine (Argentina silus), Greenland cod (Gadus ogac), Greenland halibut (Reinhardtius hippoglossoides), Haddock (Melanogrammus aeglefinus), Hagfish (Myxine glutinosa), Ling (Molva molva), Lumpfish(=Lumpsucker) (Cyclopterus lumpus), Mako sharks (Isurus spp), Ocean pout (Macrozoarces americanus), Polar cod (Boreogadus saida), Porbeagle (Lamna nasus), Raja rays nei (Raja spp), Red hake (Urophycis chuss), Roughhead grenadier (Macrourus berglax), Roundnose grenadier (Coryphaenoides rupestris), Saithe(=Pollock) (Pollachius virens), Sandeels(=Sandlances) nei (Ammodytes spp), Sculpins (Myoxocephalus spp), Silver hake (Merluccius bilinearis), Spiny dogfish (Squalus acanthias), Thresher sharks nei (Alopias spp), Tusk(=Cusk) (Brosme brosme), White hake (Urophycis tenuis), Winter flounder (Pseudopleuronectes americanus), Witch flounder (Glyptocephalus cynoglossus), Wolffishes(=Catfishes) nei (Anarhichas spp), Yellowtail flounder (Limanda ferruginea)	Set gillnets/set nets (anchored), (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: 0, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),Maritimes Region- Spiny Dogfish	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Blainville's beaked whale (Western North Atlantic) Blue whale (Western North Atlantic) Common bottlenose dolphin (Western North Atlantic) Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Dwarf sperm whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (Northwest Atlantic/Eastern Arctic) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Pygmy sperm whale (Western North Atlantic) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Short-finned pilot whale (Western North Atlantic) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) Striped dolphin (Western North Atlantic) True's beaked whale (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Blainville's beaked whale (Western North Atlantic): 0 Blue whale (Western North Atlantic): 0 Common bottlenose dolphin (Western North Atlantic): 0 Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): 0 Dwarf sperm whale (Western North Atlantic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (Northwest Atlantic/Eastern Arctic): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 North Atlantic right whale (Western North Atlantic): 0 Northern bottlenose whale (Scotian Shelf): 0 Pygmy sperm whale (Western North Atlantic): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Short-finned pilot whale (Western North Atlantic): 0 Sowerby's beaked whale (Western North Atlantic): 0 Sperm whale, cachalot (Western North Atlantic): 0 Striped dolphin (Western North Atlantic): 0 True's beaked whale (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0	
Amer. plaice(=Long rough dab) (Hippoglossoides platessoides), American angler (Lophius americanus), Atlantic cod (Gadus morhua), Atlantic halibut (Hippoglossus hippoglossus), Atlantic redfishes nei (Sebastes spp), Atlantic searobins (Prionotus spp), Blue shark (Prionace glauca), Cunner (Tautogolabrus adspersus), Dogfish sharks nei (Squalidae), Greater argentine (Argentina silus), Greenland cod (Gadus ogac), Greenland halibut (Reinhardtius hippoglossoides), Haddock (Melanogrammus aeglefinus), Haddock (Melanogrammus aeglefinus), Hagfish (Myxine glutinosa), Ling (Molva molva), Lumpfish(=Lumpsucker) (Cyclopterus lumpus), Mako sharks (Isurus spp), Ocean pout (Macrozoarces americanus), Polar cod (Boreogadus saida), Porbeagle (Lamna nasus), Raja rays nei (Raja spp), Red hake (Urophycis chuss), Roughhead grenadier (Macrourus berglax), Roundnose grenadier (Coryphaenoides rupestris), Saithe(=Pollock) (Pollachius virens), Sandeels(=Sandlances) nei (Ammodytes spp), Sculpins (Myoxocephalus spp), Silver hake (Merluccius bilinearis), Thresher sharks nei (Alopias spp), Tusk(=Cusk) (Brosme brosme), White hake (Urophycis tenuis), Winter flounder (Pseudopleuronectes americanus), Witch flounder (Glyptocephalus cynoglossus), Wolffishes(=Catfishes) nei (Anarhichas spp), Yellowtail flounder (Limanda ferruginea), Yellowtail flounder (Limanda ferruginea)	Set gillnets/set nets (anchored), (Bottom)	Number of Vessels: none provided, Licenses: 10, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.4.X, 21.5.Y,Maritimes Region (4X5Y)- Haddock	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Blainville's beaked whale (Western North Atlantic) Blue whale (Western North Atlantic) Common bottlenose dolphin (Western North Atlantic) Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Dwarf sperm whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (Northwest Atlantic/Eastern Arctic) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Pygmy sperm whale (Western North Atlantic) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Short-finned pilot whale (Western North Atlantic) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) Striped dolphin (Western North Atlantic) True's beaked whale (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Blainville's beaked whale (Western North Atlantic): 0 Blue whale (Western North Atlantic): 0 Common bottlenose dolphin (Western North Atlantic): 0 Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): 0 Dwarf sperm whale (Western North Atlantic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (Northwest Atlantic/Eastern Arctic): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 North Atlantic right whale (Western North Atlantic): 0 Northern bottlenose whale (Scotian Shelf): 0 Pygmy sperm whale (Western North Atlantic): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Short-finned pilot whale (Western North Atlantic): 0 Sowerby's beaked whale (Western North Atlantic): 0 Sperm whale, cachalot (Western North Atlantic): 0 Striped dolphin (Western North Atlantic): 0 True's beaked whale (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0	

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
<p>Amer. plaice(=Long rough dab) (Hippoglossoides platessoides), American angler (Lophius americanus), Atlantic cod (Gadus morhua), Atlantic halibut (Hippoglossus hippoglossus), Atlantic redfishes nei (Sebastes spp), Atlantic searobins (Prionotus spp), Blue shark (Prionace glauca), Cunner (Tautogolabrus adspersus), Dogfish sharks nei (Squalidae), Greater argentine (Argentina silus), Greenland cod (Gadus ogac), Greenland halibut (Reinhardtius hippoglossoides), Haddock (Melanogrammus aeglefinus), Haddock (Melanogrammus aeglefinus), Hagfish (Myxine glutinosa), Ling (Molva molva), Lumpfish(=Lumpsucker) (Cyclopterus lumpus), Mako sharks (Isurus spp), Ocean pout (Macrozoarces americanus), Polar cod (Boreogadus saida), Porbeagle (Lamna nasus), Raja rays nei (Raja spp), Red hake (Urophycis chuss), Roughhead grenadier (Macrourus berglax), Roundnose grenadier (Coryphaenoides rupestris), Saithe(=Pollock) (Pollachius virens), Saithe(=Pollock) (Pollachius virens), Sandeels(=Sandlances) nei (Ammodytes spp), Sculpins (Myoxocephalus spp), Silver hake (Merluccius bilinearis), Thresher sharks nei (Alopias spp), Tusk(=Cusk) (Brosme brosme), White hake (Urophycis tenuis), Winter flounder (Pseudopleuronectes americanus), Witch flounder (Glyptocephalus cynoglossus), Wolffishes(=Catfishes) nei (Anarhichas spp), Yellowtail flounder (Limanda ferruginea)</p>	<p>Longlines (not specified), (Pelagic)</p>	<p>Number of Vessels: none provided, Licenses: 321, Participants: none provided, Aquaculture Facilities: none provided</p>	<p>EEZ,(FAO:21 Atlantic Northwest),21.4.X, 21.5.Y,Maritimes Region (4X5Y)- Haddock</p>	<p>Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Blainville's beaked whale (Western North Atlantic) Blue whale (Western North Atlantic) Common bottlenose dolphin (Western North Atlantic) Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Dwarf sperm whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (Northwest Atlantic/Eastern Arctic) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Pygmy sperm whale (Western North Atlantic) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Short-finned pilot whale (Western North Atlantic) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) Striped dolphin (Western North Atlantic) True's beaked whale (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)</p>	<p>Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Blainville's beaked whale (Western North Atlantic): 0 Blue whale (Western North Atlantic): 0 Common bottlenose dolphin (Western North Atlantic): 0 Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): 0 Dwarf sperm whale (Western North Atlantic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (Northwest Atlantic/Eastern Arctic): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 North Atlantic right whale (Western North Atlantic): 0 Northern bottlenose whale (Scotian Shelf): 0 Pygmy sperm whale (Western North Atlantic): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Short-finned pilot whale (Western North Atlantic): 0 Sowerby's beaked whale (Western North Atlantic): 0 Sperm whale, cachalot (Western North Atlantic): 0 Striped dolphin (Western North Atlantic): 0 True's beaked whale (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0</p>	
<p>Amer. plaice(=Long rough dab) (Hippoglossoides platessoides), American angler (Lophius americanus), Atlantic cod (Gadus morhua), Atlantic halibut (Hippoglossus hippoglossus), Atlantic redfishes nei (Sebastes spp), Atlantic searobins (Prionotus spp), Blue shark (Prionace glauca), Cunner (Tautogolabrus adspersus), Dogfish sharks nei (Squalidae), Greater argentine (Argentina silus), Greenland cod (Gadus ogac), Greenland halibut (Reinhardtius hippoglossoides), Haddock (Melanogrammus aeglefinus), Haddock (Melanogrammus aeglefinus), Hagfish (Myxine glutinosa), Ling (Molva molva), Lumpfish(=Lumpsucker) (Cyclopterus lumpus), Mako sharks (Isurus spp), Ocean pout (Macrozoarces americanus), Polar cod (Boreogadus saida), Porbeagle (Lamna nasus), Raja rays nei (Raja spp), Red hake (Urophycis chuss), Roughhead grenadier (Macrourus berglax), Roundnose grenadier (Coryphaenoides rupestris), Saithe(=Pollock) (Pollachius virens), Sandeels(=Sandlances) nei (Ammodytes spp), Sculpins (Myoxocephalus spp), Silver hake (Merluccius bilinearis), Thresher sharks nei (Alopias spp), Tusk(=Cusk) (Brosme brosme), White hake (Urophycis tenuis), Winter flounder (Pseudopleuronectes americanus), Witch flounder (Glyptocephalus cynoglossus), Wolffishes(=Catfishes) nei (Anarhichas spp), Yellowtail flounder (Limanda ferruginea)</p>	<p>Longlines (not specified), (Pelagic)</p>	<p>Number of Vessels: none provided, Licenses: 7, Participants: none provided, Aquaculture Facilities: none provided</p>	<p>EEZ,(FAO:21 Atlantic Northwest),21.5.Z,Maritimes Region (5Z)- Haddock</p>	<p>Blainville's beaked whale (Western North Atlantic) Blue whale (Western North Atlantic) Common bottlenose dolphin (Western North Atlantic) Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Dwarf sperm whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (Northwest Atlantic/Eastern Arctic) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Pygmy sperm whale (Western North Atlantic) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Short-finned pilot whale (Western North Atlantic) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) Striped dolphin (Western North Atlantic) True's beaked whale (Western North Atlantic)</p>	<p>Blainville's beaked whale (Western North Atlantic): 0 Blue whale (Western North Atlantic): 0 Common bottlenose dolphin (Western North Atlantic): 0 Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): 0 Dwarf sperm whale (Western North Atlantic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (Northwest Atlantic/Eastern Arctic): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 North Atlantic right whale (Western North Atlantic): 0 Northern bottlenose whale (Scotian Shelf): 0 Pygmy sperm whale (Western North Atlantic): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Short-finned pilot whale (Western North Atlantic): 0 Sowerby's beaked whale (Western North Atlantic): 0 Sperm whale, cachalot (Western North Atlantic): 0 Striped dolphin (Western North Atlantic): 0 True's beaked whale (Western North Atlantic): 0</p>	

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
<p>Amer. plaice(=Long rough dab) (Hippoglossoides platessoides), American angler (Lophius americanus), Atlantic cod (Gadus morhua), Atlantic halibut (Hippoglossus hippoglossus), Atlantic redfishes nei (Sebastes spp), Atlantic searobins (Prionotus spp), Blue shark (Prionace glauca), Cunner (Tautogolabrus adspersus), Dogfish sharks nei (Squalidae), Greater argentine (Argentina silus), Greenland cod (Gadus ogac), Greenland halibut (Reinhardtius hippoglossoides), Haddock (Melanogrammus aeglefinus), Haddock (Melanogrammus aeglefinus), Hagfish (Myxine glutinosa), Ling (Molva molva), Lumpfish(=Lumpsucker) (Cyclopterus lumpus), Mako sharks (Isurus spp), Ocean pout (Macrozoarces americanus), Polar cod (Boreogadus saida), Porbeagle (Lamna nasus), Raja rays nei (Raja spp), Red hake (Urophycis chuss), Roughhead grenadier (Macrourus berglax), Roundnose grenadier (Coryphaenoides rupestris), Saithe(=Pollock) (Pollachius virens), Sandeels(=Sandlances) nei (Ammodytes spp), Sculpins (Myoxocephalus spp), Silver hake (Merluccius bilinearis), Thresher sharks nei (Alopias spp), Tusk(=Cusk) (Brosme brosme), White hake (Urophycis tenuis), Winter flounder (Pseudopleuronectes americanus), Witch flounder (Glyptocephalus cynoglossus), Wolffishes(=Catfishes) nei (Anarhichas spp), Yellowtail flounder (Limanda ferruginea)</p>	<p>Set gillnets/set nets (anchored), (Bottom)</p>	<p>Number of Vessels: none provided, Licenses: 7, Participants: none provided, Aquaculture Facilities: none provided</p>	<p>EEZ,(FAO:21 Atlantic Northwest),21.5.Z,Maritimes Region (5Z)- Haddock</p>	<p>Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Blainville's beaked whale (Western North Atlantic) Blue whale (Western North Atlantic) Common bottlenose dolphin (Western North Atlantic) Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Dwarf sperm whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (Northwest Atlantic/Eastern Arctic) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Pygmy sperm whale (Western North Atlantic) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Short-finned pilot whale (Western North Atlantic) Sowerby's beaked whale (Western North Atlantic) Striped dolphin (Western North Atlantic) True's beaked whale (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)</p>	<p>Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Blainville's beaked whale (Western North Atlantic): 0 Blue whale (Western North Atlantic): 0 Common bottlenose dolphin (Western North Atlantic): 0 Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): 0 Dwarf sperm whale (Western North Atlantic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (Northwest Atlantic/Eastern Arctic): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 North Atlantic right whale (Western North Atlantic): 0 Northern bottlenose whale (Scotian Shelf): 0 Pygmy sperm whale (Western North Atlantic): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Short-finned pilot whale (Western North Atlantic): 0 Sowerby's beaked whale (Western North Atlantic): 0 Striped dolphin (Western North Atlantic): 0 True's beaked whale (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0</p>	
<p>Amer. plaice(=Long rough dab) (Hippoglossoides platessoides), American angler (Lophius americanus), Atlantic cod (Gadus morhua), Atlantic halibut (Hippoglossus hippoglossus), Atlantic redfishes nei (Sebastes spp), Atlantic searobins (Prionotus spp), Cunner (Tautogolabrus adspersus), Dogfish sharks nei (Squalidae), Greater argentine (Argentina silus), Greenland cod (Gadus ogac), Greenland halibut (Reinhardtius hippoglossoides), Haddock (Melanogrammus aeglefinus), Haddock (Melanogrammus aeglefinus), Hagfish (Myxine glutinosa), Ling (Molva molva), Lumpfish(=Lumpsucker) (Cyclopterus lumpus), Ocean pout (Macrozoarces americanus), Polar cod (Boreogadus saida), Raja rays nei (Raja spp), Red hake (Urophycis chuss), Roughhead grenadier (Macrourus berglax), Roundnose grenadier (Coryphaenoides rupestris), Saithe(=Pollock) (Pollachius virens), Sandeels(=Sandlances) nei (Ammodytes spp), Sculpins (Myoxocephalus spp), Silver hake (Merluccius bilinearis), Tusk(=Cusk) (Brosme brosme), White hake (Urophycis tenuis), Winter flounder (Pseudopleuronectes americanus), Witch flounder (Glyptocephalus cynoglossus), Wolffishes(=Catfishes) nei (Anarhichas spp), Yellowtail flounder (Limanda ferruginea)</p>	<p>Midwater trawls (not specified), (Midwater), Otter trawls (not specified), (Bottom), Trawls (not specified), (Bottom)</p>	<p>Number of Vessels: 25, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided</p>	<p>EEZ,(FAO:21 Atlantic Northwest),21.5.Z,Maritimes Region (5Z)- Haddock</p>	<p>Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Blainville's beaked whale (Western North Atlantic) Blue whale (Western North Atlantic) Common bottlenose dolphin (Western North Atlantic) Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Dwarf sperm whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (Northwest Atlantic/Eastern Arctic) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Pygmy sperm whale (Western North Atlantic) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Short-finned pilot whale (Western North Atlantic) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) Striped dolphin (Western North Atlantic) True's beaked whale (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)</p>	<p>Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): .2 Blainville's beaked whale (Western North Atlantic): 0 Blue whale (Western North Atlantic): 0 Common bottlenose dolphin (Western North Atlantic): 0 Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): 0 Dwarf sperm whale (Western North Atlantic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (Northwest Atlantic/Eastern Arctic): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 North Atlantic right whale (Western North Atlantic): 0 Northern bottlenose whale (Scotian Shelf): 0 Pygmy sperm whale (Western North Atlantic): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Short-finned pilot whale (Western North Atlantic): 0 Sowerby's beaked whale (Western North Atlantic): 0 Sperm whale, cachalot (Western North Atlantic): 0 Striped dolphin (Western North Atlantic): 0 True's beaked whale (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0</p>	

Table 1. Summary of the 2012-2013 Atlantic Groundfish Survey

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Amer. plaice(=Long rough dab) (Hippoglossoides platessoides), American angler (Lophius americanus), Atlantic cod (Gadus morhua), Atlantic halibut (Hippoglossus hippoglossus), Atlantic redfishes nei (Sebastes spp), Atlantic searobins (Prionotus spp), Cunner (Tautogolabrus adspersus), Dogfish sharks nei (Squalidae), Greater argentine (Argentina silus), Greenland cod (Gadus ogac), Greenland halibut (Reinhardtius hippoglossoides), Haddock (Melanogrammus aeglefinus), Hagfish (Myxine glutinosa), Ling (Molva molva), Lumpfish(=Lumpsucker) (Cyclopterus lumpus), Ocean pout (Macrozoarces americanus), Polar cod (Boreogadus saida), Red hake (Urophycis chuss), Roughhead grenadier (Macrourus berglax), Roundnose grenadier (Coryphaenoides rupestris), Saithe(=Pollock) (Pollachius virens), Sandeels(=Sandlances) nei (Ammodytes spp), Sculpins (Myoxocephalus spp), Silver hake (Merluccius bilinearis), Tusk(=Cusk) (Brosme brosme), Winter flounder (Pseudopleuronectes americanus), Winter flounder (Pseudopleuronectes americanus), Witch flounder (Glyptocephalus cynoglossus), Wolffishes(=Catfishes) nei (Anarhichas spp), Yellowtail flounder (Limanda ferruginea)	Midwater trawls (not specified), (Midwater), Otter trawls (not specified), (Bottom), Trawls (not specified), (Bottom)	Number of Vessels: none provided, Licenses: 57, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.4.X,Maritime s Region (4X)- Winter Flounder	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Blainville's beaked whale (Western North Atlantic) Blue whale (Western North Atlantic) Common bottlenose dolphin (Western North Atlantic) Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Dwarf sperm whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (Northwest Atlantic/Eastern Arctic) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Pygmy sperm whale (Western North Atlantic) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Short-finned pilot whale (Western North Atlantic) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) Striped dolphin (Western North Atlantic) True's beaked whale (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Blainville's beaked whale (Western North Atlantic): 0 Blue whale (Western North Atlantic): 0 Common bottlenose dolphin (Western North Atlantic): 0 Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): 0 Dwarf sperm whale (Western North Atlantic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (Northwest Atlantic/Eastern Arctic): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 North Atlantic right whale (Western North Atlantic): 0 Northern bottlenose whale (Scotian Shelf): 0 Pygmy sperm whale (Western North Atlantic): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Short-finned pilot whale (Western North Atlantic): 0 Sowerby's beaked whale (Western North Atlantic): 0 Sperm whale, cachalot (Western North Atlantic): 0 Striped dolphin (Western North Atlantic): 0 True's beaked whale (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0	
Amer. plaice(=Long rough dab) (Hippoglossoides platessoides), American angler (Lophius americanus), Argentines nei (Argentinidae), Atlantic cod (Gadus morhua), Atlantic halibut (Hippoglossus hippoglossus), Atlantic redfishes nei (Sebastes spp), Atlantic searobins (Prionotus spp), Cunner (Tautogolabrus adspersus), Dogfish sharks nei (Squalidae), Greenland cod (Gadus ogac), Greenland halibut (Reinhardtius hippoglossoides), Haddock (Melanogrammus aeglefinus), Hagfish (Myxine glutinosa), Ling (Molva molva), Lumpfish(=Lumpsucker) (Cyclopterus lumpus), Ocean pout (Macrozoarces americanus), Polar cod (Boreogadus saida), Raja rays nei (Raja spp), Red hake (Urophycis chuss), Roughhead grenadier (Macrourus berglax), Roundnose grenadier (Coryphaenoides rupestris), Saithe(=Pollock) (Pollachius virens), Sandeels(=Sandlances) nei (Ammodytes spp), Sculpins (Myoxocephalus spp), Silver hake (Merluccius bilinearis), Tusk(=Cusk) (Brosme brosme), White hake (Urophycis tenuis), Winter flounder (Pseudopleuronectes americanus), Witch flounder (Glyptocephalus cynoglossus), Wolffishes(=Catfishes) nei (Anarhichas spp), Wolffishes(=Catfishes) nei (Anarhichas spp), Yellowtail flounder (Limanda ferruginea)	Midwater trawls (not specified), (Midwater), Otter trawls (not specified), (Bottom), Trawls (not specified), (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: 0, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.4.V, 21.4.W, 21.4.X,Maritimes Region (4VWX)- Argentine	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Blainville's beaked whale (Western North Atlantic) Blue whale (Western North Atlantic) Common bottlenose dolphin (Western North Atlantic) Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Dwarf sperm whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (Northwest Atlantic/Eastern Arctic) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Pygmy sperm whale (Western North Atlantic) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Short-finned pilot whale (Western North Atlantic) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) Striped dolphin (Western North Atlantic) True's beaked whale (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Blainville's beaked whale (Western North Atlantic): 0 Blue whale (Western North Atlantic): 0 Common bottlenose dolphin (Western North Atlantic): 0 Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): 0 Dwarf sperm whale (Western North Atlantic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (Northwest Atlantic/Eastern Arctic): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 North Atlantic right whale (Western North Atlantic): 0 Northern bottlenose whale (Scotian Shelf): 0 Pygmy sperm whale (Western North Atlantic): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Short-finned pilot whale (Western North Atlantic): 0 Sowerby's beaked whale (Western North Atlantic): 0 Sperm whale, cachalot (Western North Atlantic): 0 Striped dolphin (Western North Atlantic): 0 True's beaked whale (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0	

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
<p>Amer. plaice(=Long rough dab) (<i>Hippoglossoides platessoides</i>), American angler (<i>Lophius americanus</i>), Atlantic cod (<i>Gadus morhua</i>), Atlantic halibut (<i>Hippoglossus hippoglossus</i>), Atlantic halibut (<i>Hippoglossus hippoglossus</i>), Atlantic redfishes nei (<i>Sebastes</i> spp), Atlantic searobins (<i>Prionotus</i> spp), Blue shark (<i>Prionace glauca</i>), Cunner (<i>Tautogolabrus adspersus</i>), Dogfish sharks nei (<i>Squalidae</i>), Greater argentine (<i>Argentina silus</i>), Greenland cod (<i>Gadus ogac</i>), Greenland halibut (<i>Reinhardtius hippoglossoides</i>), Haddock (<i>Melanogrammus aeglefinus</i>), Hagfish (<i>Myxine glutinosa</i>), Ling (<i>Molva molva</i>), Lumpfish(=Lumpsucker) (<i>Cyclopterus lumpus</i>), Mako sharks (<i>Isurus</i> spp), Ocean pout (<i>Macrozoarces americanus</i>), Polar cod (<i>Boreogadus saida</i>), Porbeagle (<i>Lamna nasus</i>), Raja rays nei (<i>Raja</i> spp), Red hake (<i>Urophycis chuss</i>), Roughhead grenadier (<i>Macrourus berglax</i>), Roundnose grenadier (<i>Coryphaenoides rupestris</i>), Saithe(=Pollock) (<i>Pollachius virens</i>), Sandeels(=Sandlances) nei (<i>Ammodytes</i> spp), Sculpins (<i>Myoxocephalus</i> spp), Silver hake (<i>Merluccius bilinearis</i>), Thresher sharks nei (<i>Alopias</i> spp), Tusk(=Cusk) (<i>Brosme brosme</i>), White hake (<i>Urophycis tenuis</i>), Winter flounder (<i>Pseudopleuronectes americanus</i>), Witch flounder (<i>Glyptocephalus cynoglossus</i>), Wolffishes(=Catfishes) nei (<i>Anarhichas</i> spp), Yellowtail flounder (<i>Limanda ferruginea</i>)</p>	<p>Longlines (not specified), (Pelagic)</p>	<p>Number of Vessels: none provided, Licenses: 12, Participants: none provided, Aquaculture Facilities: none provided</p>	<p>EEZ,(FAO:21 Atlantic Northwest),21.3.N, 21.3.O, 21.3.P, 21.3.P.s,Maritimes Region (3NOPs)- Halibut</p>	<p>Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)Blainville's beaked whale (Western North Atlantic) Blue whale (Western North Atlantic) Common bottlenose dolphin (Western North Atlantic) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Dwarf sperm whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (Northwest Atlantic/Eastern Arctic) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Pygmy sperm whale (Western North Atlantic) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Short-finned pilot whale (Western North Atlantic) Sowerby's beaked whale (Western North Atlantic)Sperm whale, cachalot (Western North Atlantic) Striped dolphin (Western North Atlantic) True's beaked whale (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)</p>	<p>Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Blainville's beaked whale (Western North Atlantic): 0 Blue whale (Western North Atlantic): 0 Common bottlenose dolphin (Western North Atlantic): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): 0 Dwarf sperm whale (Western North Atlantic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (Northwest Atlantic/Eastern Arctic): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 North Atlantic right whale (Western North Atlantic): 0 Northern bottlenose whale (Scotian Shelf): 0 Pygmy sperm whale (Western North Atlantic): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Short-finned pilot whale (Western North Atlantic): 0 Sowerby's beaked whale (Western North Atlantic): 0 Sperm whale, cachalot (Western North Atlantic): 0 Striped dolphin (Western North Atlantic): 0 True's beaked whale (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0</p>	
<p>Amer. plaice(=Long rough dab) (<i>Hippoglossoides platessoides</i>), American angler (<i>Lophius americanus</i>), Atlantic cod (<i>Gadus morhua</i>), Atlantic halibut (<i>Hippoglossus hippoglossus</i>), Atlantic halibut (<i>Hippoglossus hippoglossus</i>), Atlantic redfishes nei (<i>Sebastes</i> spp), Atlantic searobins (<i>Prionotus</i> spp), Blue shark (<i>Prionace glauca</i>), Cunner (<i>Tautogolabrus adspersus</i>), Dogfish sharks nei (<i>Squalidae</i>), Greater argentine (<i>Argentina silus</i>), Greenland cod (<i>Gadus ogac</i>), Greenland halibut (<i>Reinhardtius hippoglossoides</i>), Haddock (<i>Melanogrammus aeglefinus</i>), Hagfish (<i>Myxine glutinosa</i>), Ling (<i>Molva molva</i>), Lumpfish(=Lumpsucker) (<i>Cyclopterus lumpus</i>), Mako sharks (<i>Isurus</i> spp), Ocean pout (<i>Macrozoarces americanus</i>), Polar cod (<i>Boreogadus saida</i>), Porbeagle (<i>Lamna nasus</i>), Raja rays nei (<i>Raja</i> spp), Red hake (<i>Urophycis chuss</i>), Roughhead grenadier 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Newfoundland) Blainville's beaked whale (Western North Atlantic) Blue whale (Western North Atlantic) Common bottlenose dolphin (Western North Atlantic) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Dwarf sperm whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (Northwest Atlantic/Eastern Arctic) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Pygmy sperm whale (Western North Atlantic) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Short-finned pilot whale (Western North Atlantic) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) Striped dolphin (Western North Atlantic) True's beaked whale (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)</p>	<p>Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Blainville's beaked whale (Western North Atlantic): 0 Blue whale (Western North Atlantic): 0 Common bottlenose dolphin (Western North Atlantic): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): 0 Dwarf sperm whale (Western North Atlantic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (Northwest Atlantic/Eastern Arctic): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 North Atlantic right whale (Western North Atlantic): 0 Northern bottlenose whale (Scotian Shelf): 0 Pygmy sperm whale (Western North Atlantic): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Short-finned pilot whale (Western North Atlantic): 0 Sowerby's beaked whale (Western North Atlantic): 0 Sperm whale, cachalot (Western North Atlantic): 0 Striped dolphin (Western North Atlantic): 0 True's beaked whale (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0</p>	

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO NASCO
Atlantic salmon (<i>Salmo salar</i>)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: 30	EEZ,(FAO:21 Atlantic Northwest),Nova Scotia	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Blue whale (Western North Atlantic) Common bottlenose dolphin (Western North Atlantic) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (Northwest Atlantic/Eastern Arctic) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Davis Strait/Baffin Bay/Labrador Sea) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Short-finned pilot whale (Western North Atlantic) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Blue whale (Western North Atlantic): 0 Common bottlenose dolphin (Western North Atlantic): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (Northwest Atlantic/Eastern Arctic): 0 North Atlantic right whale (Western North Atlantic): 0 Northern bottlenose whale (Davis Strait/Baffin Bay/Labrador Sea): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Short-finned pilot whale (Western North Atlantic): 0 Sowerby's beaked whale (Western North Atlantic): 0 Sperm whale, cachalot (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0	
Atlantic cod (<i>Gadus morhua</i>)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: 88	EEZ,(FAO:21 Atlantic Northwest),Newfoundland and Labrador	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Blue whale (Western North Atlantic) Common minke whale (Atlantic Canada and Eastern Arctic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Blue whale (Western North Atlantic): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0	
American lobster (<i>Homarus americanus</i>)	lobster traps, (Bottom)	Number of Vessels: 912, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.4.R, 21.4.S, 21.4.T,Gulf Region, Southeast Prince Edward Island Gulf side of Mainland Nova Scotia (Area 26A)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Beluga, white whale (St. Lawrence Estuary) Blue whale (Western North Atlantic) Common dolphin (California/Oregon/Washington) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (UNKNOWN) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Beluga, white whale (St. Lawrence Estuary): 0 Blue whale (Western North Atlantic): 0 Common dolphin (California/Oregon/Washington): 0 Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (UNKNOWN): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 North Atlantic right whale (Western North Atlantic): 0 Northern bottlenose whale (Scotian Shelf): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Sowerby's beaked whale (Western North Atlantic): 0 Sperm whale, cachalot (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0	

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Atlantic mackerel (<i>Scomber scombrus</i>)	Seine nets (not specified), (Pelagic)	Number of Vessels: none provided, Licenses: none provided, Participants: 5, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.2.J, 21.3.K, 21.3.L, 21.3.P.n, 21.3.P.s, 21.4.R,Newfoundland and Labrador Region (2J3KLPs & 4R3Pn) BAR SEINE	Common minke whale (Atlantic Canada and Eastern Arctic) Gray seal (Western North Atlantic) Harbor porpoise (Newfoundland) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Ringed seal (Arctic & Labrador)	Common minke whale (Atlantic Canada and Eastern Arctic): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Newfoundland): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Ringed seal (Arctic & Labrador): 0	
Atlantic mackerel (<i>Scomber scombrus</i>)	Purse seines, (Pelagic)	Number of Vessels: none provided, Licenses: none provided, Participants: 35, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.2.J, 21.3.K, 21.3.L, 21.3.P.n, 21.3.P.s, 21.4.R,Newfoundland and Labrador Region (2J3KLPs, 4R3Pn)	Common minke whale (Atlantic Canada and Eastern Arctic) Gray seal (Western North Atlantic) Harbor porpoise (Newfoundland) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Ringed seal (Arctic & Labrador)	Common minke whale (Atlantic Canada and Eastern Arctic): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Newfoundland): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Ringed seal (Arctic & Labrador): 0	
Whelk (<i>Buccinum undatum</i>)	Pots/traps, (Bottom)	Number of Vessels: none provided, Licenses: 3, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),Maritimes Region, offshore	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Blainville's beaked whale (Western North Atlantic) Blue whale (Western North Atlantic) Common bottlenose dolphin (Western North Atlantic) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Dwarf sperm whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (Northwest Atlantic/Eastern Arctic) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Pygmy sperm whale (Western North Atlantic) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Short-finned pilot whale (Western North Atlantic) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) Striped dolphin (Western North Atlantic) True's beaked whale (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Blainville's beaked whale (Western North Atlantic): 0 Blue whale (Western North Atlantic): 0 Common bottlenose dolphin (Western North Atlantic): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): 0 Dwarf sperm whale (Western North Atlantic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (Northwest Atlantic/Eastern Arctic): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 North Atlantic right whale (Western North Atlantic): 0 Northern bottlenose whale (Scotian Shelf): 0 Pygmy sperm whale (Western North Atlantic): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Short-finned pilot whale (Western North Atlantic): 0 Sowerby's beaked whale (Western North Atlantic): 0 Sperm whale, cachalot (Western North Atlantic): 0 Striped dolphin (Western North Atlantic): 0 True's beaked whale (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0	

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Toad/lyre crabs nei (Hyas spp)	Pots/traps, (Bottom)	Number of Vessels: none provided, Licenses: 49, 7 active in 2018, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.4.S, 21.4.T,Quebec Region (12, CN1, CN2, CN3, CN4)	Atlantic bearded seal (Arctic/Labrador) Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Beluga, white whale (St. Lawrence Estuary) Blue whale (Western North Atlantic) Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Common minke whale (Atlantic Canada and Eastern Arctic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (UNKNOWN) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Ringed seal (Arctic & Labrador) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Sperm whale, cachalot (Western North Atlantic) Striped dolphin (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic bearded seal (Arctic/Labrador): 0 Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Beluga, white whale (St. Lawrence Estuary): 0 Blue whale (Western North Atlantic): 0 Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (UNKNOWN): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 North Atlantic right whale (Western North Atlantic): 0 Ringed seal (Arctic & Labrador): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Sperm whale, cachalot (Western North Atlantic): 0 Striped dolphin (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0	
Atlantic mackerel (Scomber scombrus), Herrings/sardines nei (Clupeidae)	Purse seines, (Surface)	Number of Vessels: 9, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.4.T, 21.4.V.n, 21.4.X,Maritimes Region (SWNS and BoF)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Blainville's beaked whale (Western North Atlantic) Blue whale (Western North Atlantic) Common bottlenose dolphin (Western North Atlantic) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Dwarf sperm whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (Northwest Atlantic/Eastern Arctic) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Pygmy sperm whale (Western North Atlantic) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Seal unspecified (STOCK NOT SPECIFIED) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Short-finned pilot whale (Western North Atlantic) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) Striped dolphin (Western North Atlantic) True's beaked whale (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Blainville's beaked whale (Western North Atlantic): 0 Blue whale (Western North Atlantic): 0 Common bottlenose dolphin (Western North Atlantic): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): 0 Dwarf sperm whale (Western North Atlantic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (Northwest Atlantic/Eastern Arctic): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 North Atlantic right whale (Western North Atlantic): 0 Northern bottlenose whale (Scotian Shelf): 0 Pygmy sperm whale (Western North Atlantic): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Seal unspecified (STOCK NOT SPECIFIED): 1.8 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Short-finned pilot whale (Western North Atlantic): 0 Sowerby's beaked whale (Western North Atlantic): 0 Sperm whale, cachalot (Western North Atlantic): 0 Striped dolphin (Western North Atlantic): 0 True's beaked whale (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0	

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Herrings/sardines nei (Clupeidae)	Purse seines, (Pelagic)	Number of Vessels: none provided, Licenses: 19, 8 active in 2018, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.4.S, 21.4.T,Quebec Region (15, 16)	Atlantic bearded seal (Arctic/Labrador) Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Beluga, white whale (St. Lawrence Estuary) Blue whale (Western North Atlantic) Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Common minke whale (Atlantic Canada and Eastern Arctic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (UNKNOWN) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Ringed seal (Arctic & Labrador) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Sperm whale, cachalot (Western North Atlantic) Striped dolphin (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic bearded seal (Arctic/Labrador): 0 Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Beluga, white whale (St. Lawrence Estuary): 0 Blue whale (Western North Atlantic): 0 Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (UNKNOWN): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0North Atlantic right whale (Western North Atlantic): 0 Ringed seal (Arctic & Labrador): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Sperm whale, cachalot (Western North Atlantic): 0 Striped dolphin (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0	
Mackerels nei (Scombridae)	Purse seines, (Pelagic)	Number of Vessels: none provided, Licenses: 21, 5 active in 2018, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.4.S,Quebec Region (15)	Atlantic bearded seal (Arctic/Labrador) Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Beluga, white whale (St. Lawrence Estuary) Blue whale (Western North Atlantic) Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Common minke whale (Atlantic Canada and Eastern Arctic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (UNKNOWN) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Ringed seal (Arctic & Labrador) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Sperm whale, cachalot (Western North Atlantic) Striped dolphin (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic bearded seal (Arctic/Labrador): 0 Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Beluga, white whale (St. Lawrence Estuary): 0 Blue whale (Western North Atlantic): 0 Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (UNKNOWN): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 North Atlantic right whale (Western North Atlantic): 0 Ringed seal (Arctic & Labrador): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Sperm whale, cachalot (Western North Atlantic): 0 Striped dolphin (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0	

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Capelin (<i>Mallotus villosus</i>)	Purse seines, (Pelagic)	Number of Vessels: none provided, Licenses: 10, 1 active in 2018, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.4.S,Quebec Region (15)	Atlantic bearded seal (Arctic/Labrador) Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Beluga, white whale (St. Lawrence Estuary) Blue whale (Western North Atlantic) Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Common minke whale (Atlantic Canada and Eastern Arctic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (UNKNOWN) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Ringed seal (Arctic & Labrador) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Sperm whale, cachalot (Western North Atlantic) Striped dolphin (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic bearded seal (Arctic/Labrador): 0 Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Beluga, white whale (St. Lawrence Estuary): 0 Blue whale (Western North Atlantic): 0 Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (UNKNOWN): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 North Atlantic right whale (Western North Atlantic): 0 Ringed seal (Arctic & Labrador): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Sperm whale, cachalot (Western North Atlantic): 0 Striped dolphin (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0	
Atlantic mackerel (<i>Scomber scombrus</i>)	Purse seines, (Pelagic)	Number of Vessels: 2, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.4.R, 21.4.S, 21.4.T,Gulf Region	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Beluga, white whale (St. Lawrence Estuary) Blue whale (Western North Atlantic) Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (UNKNOWN) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Beluga, white whale (St. Lawrence Estuary): 0 Blue whale (Western North Atlantic): 0 Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (UNKNOWN): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 North Atlantic right whale (Western North Atlantic): 0 Northern bottlenose whale (Scotian Shelf): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Sowerby's beaked whale (Western North Atlantic): 0 Sperm whale, cachalot (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0	
Atlantic cod (<i>Gadus morhua</i>)	Pots/traps, (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: 3, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.2.J, 21.3.K, 21.3.L,Newfoundland and Labrador Region (2J3KL)	Common minke whale (Atlantic Canada and Eastern Arctic) Harbor porpoise (Newfoundland) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Ringed seal (Arctic & Labrador)	Common minke whale (Atlantic Canada and Eastern Arctic): 0 Harbor porpoise (Newfoundland): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Ringed seal (Arctic & Labrador): 0	

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Amer. plaice(=Long rough dab) (Hippoglossoides platessoides), Atlantic cod (Gadus morhua), Atlantic redfishes nei (Sebastes spp), Greenland halibut (Reinhardtius hippoglossoides), Lumpfish(=Lumpsucker) (Cyclopterus lumpus), Starry ray (Raja radiata), Winter flounder (Pseudopleuronectes americanus)	Set gillnets/set nets (anchored), (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: 310, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.3.P.n, 21.4.R,Newfoundland and Labrador Region (4R3Pn)	Common minke whale (Atlantic Canada and Eastern Arctic) Gray seal (Western North Atlantic) Harbor porpoise (Newfoundland) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Common minke whale (Atlantic Canada and Eastern Arctic): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Newfoundland): 20 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 20 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0	RFMO
Atlantic redfishes nei (Sebastes spp)	Midwater trawls (not specified), (Midwater)	Number of Vessels: none provided, Licenses: none provided, Participants: 1, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.3.P.n, 21.4.R,Newfoundland and Labrador Region (4R3Pn)	Common minke whale (Atlantic Canada and Eastern Arctic) Gray seal (Western North Atlantic) Harbor porpoise (Newfoundland) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Common minke whale (Atlantic Canada and Eastern Arctic): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Newfoundland): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0	
Chinook(=Spring=King) salmon (Oncorhynchus tshawytscha), Chum(=Keta=Dog) salmon (Oncorhynchus keta), Coho(=Silver) salmon (Oncorhynchus kisutch), Pacific salmon nei (Oncorhynchus spp), Pink(=Humpback) salmon (Oncorhynchus gorbuscha), Sockeye(=Red) salmon (Oncorhynchus nerka)	Purse seines, (Midwater)	Number of Vessels: none provided, Licenses: none provided, Participants: 140, Aquaculture Facilities: none provided	EEZ,(FAO:67 Pacific Northeast),Pacific Region (– Areas 1 to 10, subarea 101-7)Pacific Region (2W, 3, 4, 5, 6, 7, 8, 14 to 18, 23, 24, 25, 27, 10, 12)Pacific Region (– Areas 11 to 28, and 121)	California sea lion (Pacific) Common minke whale (California/Oregon/Washington) Dall's porpoise, Dall porpoise (California/Oregon/Washington) Fin whale (Northeast Pacific) Gray whale (Pacific) Harbor porpoise (Pacific coast of Canada) Harbor seal, common seal (Pacific coast stock delineation in CAN unknown) Humpback whale (California/Oregon/Washington) Killer whale, orca (Pacific - Bigg's (Transient)) Killer whale, orca (Pacific - Northern Resident) Killer whale, orca (Pacific - Offshore) Killer whale, orca (Pacific - Southern Resident) Northern elephant seal (California Breeding) Northern fur seal (Eastern Pacific) Pacific white-sided dolphin (California/Oregon/Washington) Risso's dolphin, grampus (California/Oregon/Washington) Sea otter (Pacific Coast of Canada) Steller sea lion, northern sea lion (Pacific)	California sea lion (Pacific): 0 Common minke whale (California/Oregon/Washington): 0 Dall's porpoise, Dall porpoise (California/Oregon/Washington): 0 Fin whale (Northeast Pacific): 0 Gray whale (Pacific): 0 Harbor porpoise (Pacific coast of Canada): 0 Harbor seal, common seal (Pacific coast stock delineation in CAN unknown): 0 Humpback whale (California/Oregon/Washington): 0 Killer whale, orca (Pacific - Bigg's (Transient)): 0 Killer whale, orca (Pacific - Northern Resident): 0 Killer whale, orca (Pacific - Offshore): 0 Killer whale, orca (Pacific - Southern Resident): 0 Northern elephant seal (California Breeding): 0 Northern fur seal (Eastern Pacific): 0 Pacific white-sided dolphin (California/Oregon/Washington): 0 Risso's dolphin, grampus (California/Oregon/Washington): 0 Sea otter (Pacific Coast of Canada): 0 Steller sea lion, northern sea lion (Pacific): 0	WCPFC

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Herrings/sardines nei (Clupeidae)	Purse seines, (Pelagic)	Number of Vessels: none provided, Licenses: 50, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:67 Pacific Northeast),Pacific Region (3-13, 20, 23 to 27, 101 to 110, 121, 123 to 127, 130 and 142) - Sardine	Baird's beaked whale (California/Oregon/Washington) Blue whale (Eastern North Pacific) California sea lion (Pacific) Common minke whale (California/Oregon/Washington) Cuvier's beaked whale, goose-beaked whale (California/Oregon/Washington) Dall's porpoise, Dall porpoise (California/Oregon/Washington) Fin whale (California/Oregon/Washington) Gray whale (Pacific) Harbor porpoise (Pacific coast of Canada) Harbor seal, common seal (Pacific coast stock delineation in CAN unknown) Humpback whale (California/Oregon/Washington) Killer whale, orca (Pacific - Bigg's (Transient)) Killer whale, orca (Pacific - Northern Resident) Killer whale, orca (Pacific - Offshore) Killer whale, orca (Pacific - Southern Resident) North Pacific right whale (Northeast Pacific) Northern elephant seal (California Breeding) Northern fur seal (Eastern Pacific) Pacific white-sided dolphin (California/Oregon/Washington) Risso's dolphin, grampus (California/Oregon/Washington) Sea otter (Pacific Coast of Canada) Sei whale (Eastern North Pacific) Short-finned pilot whale (California/Oregon/Washington) Sperm whale, cachalot (California/Oregon/Washington) Steller sea lion, northern sea lion (Pacific)	Baird's beaked whale (California/Oregon/Washington): 0 Blue whale (Eastern North Pacific): 0 California sea lion (Pacific): 0 Common minke whale (California/Oregon/Washington): 0 Cuvier's beaked whale, goose-beaked whale (California/Oregon/Washington): 0 Dall's porpoise, Dall porpoise (California/Oregon/Washington): 0 Fin whale (California/Oregon/Washington): 0 Gray whale (Pacific): 0 Harbor porpoise (Pacific coast of Canada): 0 Harbor seal, common seal (Pacific coast stock delineation in CAN unknown): 0 Humpback whale (California/Oregon/Washington): 0 Killer whale, orca (Pacific - Bigg's (Transient)): 0 Killer whale, orca (Pacific - Northern Resident): 0 Killer whale, orca (Pacific - Offshore): 0 Killer whale, orca (Pacific - Southern Resident): 0 North Pacific right whale (Northeast Pacific): 0 Northern elephant seal (California Breeding): 0 Northern fur seal (Eastern Pacific): 0 Pacific white-sided dolphin (California/Oregon/Washington): 0 Risso's dolphin, grampus (California/Oregon/Washington): 0 Sea otter (Pacific Coast of Canada): 0 Sei whale (Eastern North Pacific): 0 Short-finned pilot whale (California/Oregon/Washington): 0 Sperm whale, cachalot (California/Oregon/Washington): 0 Steller sea lion, northern sea lion (Pacific): 0	
Atlantic redfishes nei (Sebastes spp)	Gillnets and entangling nets (not specified), (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: 74, Aquaculture Facilities: none provided	EEZ,France,(FAO:21 Atlantic Northwest),Newfoundland and Labrador Region (Unit 2)	Common minke whale (Atlantic Canada and Eastern Arctic) Gray seal (Western North Atlantic) Harbor porpoise (Newfoundland) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Common minke whale (Atlantic Canada and Eastern Arctic): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Newfoundland): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0	
Amer. plaice(=Long rough dab) (Hippoglossoides platessoides), Atlantic cod (Gadus morhua), Atlantic halibut (Hippoglossus hippoglossus), Atlantic redfishes nei (Sebastes spp), Greenland halibut (Reinhardtius hippoglossoides), White hake (Urophycis tenuis), Winter flounder (Pseudopleuronectes americanus), Witch flounder (Glyptocephalus cynoglossus), Yellowtail flounder (Limanda ferruginea)	Scottish seines, (Bottom)	Number of Vessels: 8, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.4.R, 21.4.S, 21.4.T,Gulf Region (4RST) (Directed fishery is witch flounder, other species are by-catch only)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Beluga, white whale (St. Lawrence Estuary) Blue whale (Western North Atlantic) Common dolphin (California/Oregon/Washington) Common minke whale (Atlantic Canada and Eastern Arctic)Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (UNKNOWN) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Beluga, white whale (St. Lawrence Estuary): 0 Blue whale (Western North Atlantic): 0 Common dolphin (California/Oregon/Washington): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (UNKNOWN): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 North Atlantic right whale (Western North Atlantic): 0 Northern bottlenose whale (Scotian Shelf): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Sowerby's beaked whale (Western North Atlantic): 0 Sperm whale, cachalot (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0	

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Witch flounder (<i>Glyptocephalus cynoglossus</i>)	Scottish seines, (Bottom), Trawls (not specified), (Bottom)	Number of Vessels: none provided, Licenses: 0 active in 2018 (See comment), Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.4.R, 21.4.S, 21.4.T,Quebec Region (4RST)	Atlantic bearded seal (Arctic/Labrador) Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Beluga, white whale (St. Lawrence Estuary) Blue whale (Western North Atlantic) Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Common minke whale (Atlantic Canada and Eastern Arctic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (UNKNOWN) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Ringed seal (Arctic & Labrador) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Sperm whale, cachalot (Western North Atlantic) Striped dolphin (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic bearded seal (Arctic/Labrador): 0 Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Beluga, white whale (St. Lawrence Estuary): 0 Blue whale (Western North Atlantic): 0 Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (UNKNOWN): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 North Atlantic right whale (Western North Atlantic): 0 Ringed seal (Arctic & Labrador): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Sperm whale, cachalot (Western North Atlantic): 0 Striped dolphin (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0	
Herrings/sardines nei (<i>Clupeidae</i>)	Gillnets and entangling nets (not specified), (Pelagic)	Number of Vessels: none provided, Licenses: 1267, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:67 Pacific Northeast),Pacific Region (3, 4, 5, 13 to 19, 29 and 2E, 6, 7, 8, 23, 24, 25) - Roe Herring	California sea lion (Pacific) Common minke whale (California/Oregon/Washington) Cuvier's beaked whale, goose-beaked whale (California/Oregon/Washington) Dall's porpoise, Dall porpoise (California/Oregon/Washington) Fin whale (Northeast Pacific) Gray whale (Pacific) Harbor seal, common seal (Pacific coast stock delineation in CAN unknown) Killer whale, orca (Pacific - Bigg's (Transient)) Killer whale, orca (Pacific - Southern Resident) Northern elephant seal (California Breeding) Northern fur seal (Eastern Pacific) Pacific white-sided dolphin (California/Oregon/Washington) Porpoise unspecified (STOCK NOT SPECIFIED) Sea otter (Pacific Coast of Canada) Sei whale (Eastern North Pacific) Steller sea lion, northern sea lion (Pacific)	California sea lion (Pacific): 0 Common minke whale (California/Oregon/Washington): 0 Cuvier's beaked whale, goose-beaked whale (California/Oregon/Washington): 0 Dall's porpoise, Dall porpoise (California/Oregon/Washington): 0 Fin whale (Northeast Pacific): 0 Gray whale (Pacific): 0 Harbor seal, common seal (Pacific coast stock delineation in CAN unknown): 0 Killer whale, orca (Pacific - Bigg's (Transient)): 0 Killer whale, orca (Pacific - Southern Resident): 0 Northern elephant seal (California Breeding): 0 Northern fur seal (Eastern Pacific): 0 Pacific white-sided dolphin (California/Oregon/Washington): 0 Porpoise unspecified (STOCK NOT SPECIFIED): 0 Sea otter (Pacific Coast of Canada): 0 Sei whale (Eastern North Pacific): 0 Steller sea lion, northern sea lion (Pacific): 0	
Herrings/sardines nei (<i>Clupeidae</i>)	Purse seines, (Pelagic)	Number of Vessels: none provided, Licenses: 252, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:67 Pacific Northeast),Pacific Region (3, 4, 5, 13, 14, 17, 18, 29 and 2E, 6, 7, 8, 23, 24, 25) - Roe Herring	California sea lion (Pacific) Common minke whale (California/Oregon/Washington) Cuvier's beaked whale, goose-beaked whale (California/Oregon/Washington) Fin whale (California/Oregon/Washington) Fin whale (Northeast Pacific) Gray whale (Pacific) Harbor porpoise (Pacific coast of Canada) Humpback whale (California/Oregon/Washington) Killer whale, orca (Pacific - Bigg's (Transient)) Killer whale, orca (Pacific - Southern Resident) Northern elephant seal (California Breeding) Northern fur seal (Eastern Pacific) Pacific white-sided dolphin (California/Oregon/Washington) Risso's dolphin, grampus (California/Oregon/Washington) Sea otter (Pacific Coast of Canada) Steller sea lion, northern sea lion (Pacific)	California sea lion (Pacific): 0 Common minke whale (California/Oregon/Washington): 0 Cuvier's beaked whale, goose-beaked whale (California/Oregon/Washington): 0 Fin whale (California/Oregon/Washington): 0 Fin whale (Northeast Pacific): 0 Gray whale (Pacific): 0 Harbor porpoise (Pacific coast of Canada): 0 Humpback whale (California/Oregon/Washington): 0 Killer whale, orca (Pacific - Bigg's (Transient)): 0 Killer whale, orca (Pacific - Southern Resident): 0 Northern elephant seal (California Breeding): 0 Northern fur seal (Eastern Pacific): 0 Pacific white-sided dolphin (California/Oregon/Washington): 0 Risso's dolphin, grampus (California/Oregon/Washington): 0 Sea otter (Pacific Coast of Canada): 0 Steller sea lion, northern sea lion (Pacific): 0	

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Atlantic redfishes nei (Sebastes spp)	Midwater trawls (not specified), (Midwater)	Number of Vessels: none provided, Licenses: none provided, Participants: 0, Aquaculture Facilities: none provided	High Seas,EEZ,(FAO:21 Atlantic Northwest),21.2.G, 21.2.H, 21.2.J, 21.3.K, 21.3.L, 21.3.M, 21.3.N, 21.3.O,Newfoundland and Labrador Region (2+3KLMNO)	Common minke whale (Atlantic Canada and Eastern Arctic) Harbor porpoise (Newfoundland) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Ringed seal (Arctic & Labrador)	Common minke whale (Atlantic Canada and Eastern Arctic): 0 Harbor porpoise (Newfoundland): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Ringed seal (Arctic & Labrador): 0	NAFO
Herrings/sardines nei (Clupeidae), Mackerels nei (Scombridae)	trap nets/stationary nets, (Pelagic)	Number of Vessels: none provided, Licenses: 206, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),Maritimes Region	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Blainville's beaked whale (Western North Atlantic) Blue whale (Western North Atlantic) Common bottlenose dolphin (Western North Atlantic) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Dwarf sperm whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Pacific coast stock delineation in CAN unknown) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (Northwest Atlantic/Eastern Arctic) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Pygmy sperm whale (Western North Atlantic) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Short-finned pilot whale (Western North Atlantic) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) Striped dolphin (Western North Atlantic) True's beaked whale (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Blainville's beaked whale (Western North Atlantic): 0 Blue whale (Western North Atlantic): 0 Common bottlenose dolphin (Western North Atlantic): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): 0 Dwarf sperm whale (Western North Atlantic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harbor seal, common seal (Pacific coast stock delineation in CAN unknown): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (Northwest Atlantic/Eastern Arctic): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 North Atlantic right whale (Western North Atlantic): 0 Northern bottlenose whale (Scotian Shelf): 0 Pygmy sperm whale (Western North Atlantic): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Short-finned pilot whale (Western North Atlantic): 0 Sowerby's beaked whale (Western North Atlantic): 0 Sperm whale, cachalot (Western North Atlantic): 0 Striped dolphin (Western North Atlantic): 0 True's beaked whale (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0	
American lobster (Homarus americanus)	lobster traps, (Bottom)	Number of Vessels: none provided, Licenses: 266, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.4.R, 21.4.S, 21.4.T,Gulf Region, Gulf side of Cape Breton (Area 26B)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Beluga, white whale (St. Lawrence Estuary) Blue whale (Western North Atlantic) Common dolphin (California/Oregon/Washington) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (UNKNOWN) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Beluga, white whale (St. Lawrence Estuary): 0 Blue whale (Western North Atlantic): 0 Common dolphin (California/Oregon/Washington): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (UNKNOWN): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 North Atlantic right whale (Western North Atlantic): 0 Northern bottlenose whale (Scotian Shelf): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Sowerby's beaked whale (Western North Atlantic): 0 Sperm whale, cachalot (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0	

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Mackerels nei (Scombridae)	trap nets/stationary nets, (Pelagic)	Number of Vessels: none provided, Licenses: 22, 5 active in 2018, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.4.S,Quebec Region (15)	Atlantic bearded seal (Arctic/Labrador) Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Beluga, white whale (St. Lawrence Estuary) Blue whale (Western North Atlantic) Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Common minke whale (Atlantic Canada and Eastern Arctic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (UNKNOWN) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Ringed seal (Arctic & Labrador) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Sperm whale, cachalot (Western North Atlantic) Striped dolphin (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic bearded seal (Arctic/Labrador): 0 Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Beluga, white whale (St. Lawrence Estuary): 0 Blue whale (Western North Atlantic): 0 Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (UNKNOWN): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 North Atlantic right whale (Western North Atlantic): 0 Ringed seal (Arctic & Labrador): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Sperm whale, cachalot (Western North Atlantic): 0 Striped dolphin (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0	
Capelin (Mallotus villosus)	Barriers, fences, weirs, etc., (Surface), trap nets/stationary nets, (Surface)	Number of Vessels: none provided, Licenses: 46, 1 active in 2018, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.4.S, 21.4.T,Quebec Region (15, 16)	Atlantic bearded seal (Arctic/Labrador) Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Beluga, white whale (St. Lawrence Estuary) Blue whale (Western North Atlantic) Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Common minke whale (Atlantic Canada and Eastern Arctic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (UNKNOWN) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Ringed seal (Arctic & Labrador) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Sperm whale, cachalot (Western North Atlantic) Striped dolphin (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic bearded seal (Arctic/Labrador): 0 Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Beluga, white whale (St. Lawrence Estuary): 0 Blue whale (Western North Atlantic): 0 Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (UNKNOWN): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 North Atlantic right whale (Western North Atlantic): 0 Ringed seal (Arctic & Labrador): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Sperm whale, cachalot (Western North Atlantic): 0 Striped dolphin (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0	

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Atlantic mackerel (<i>Scomber scombrus</i>)	trap nets/stationary nets, (Pelagic)	Number of Vessels: 10, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.4.R, 21.4.S, 21.4.T,Gulf Region	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Beluga, white whale (St. Lawrence Estuary) Blue whale (Western North Atlantic) Common dolphin (California/Oregon/Washington) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (UNKNOWN) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Beluga, white whale (St. Lawrence Estuary): 0 Blue whale (Western North Atlantic): 0 Common dolphin (California/Oregon/Washington): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (UNKNOWN): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 North Atlantic right whale (Western North Atlantic): 0 Northern bottlenose whale (Scotian Shelf): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Sowerby's beaked whale (Western North Atlantic): 0 Sperm whale, cachalot (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0	
Atlantic silverside (<i>Menidia menidia</i>)	trap nets/stationary nets, (Midwater)	Number of Vessels: none provided, Licenses: 80, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.4.R, 21.4.S, 21.4.T,Gulf Region (PEI)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Beluga, white whale (St. Lawrence Estuary) Blue whale (Western North Atlantic) Common dolphin (California/Oregon/Washington) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (UNKNOWN) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Beluga, white whale (St. Lawrence Estuary): 0 Blue whale (Western North Atlantic): 0 Common dolphin (California/Oregon/Washington): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (UNKNOWN): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 North Atlantic right whale (Western North Atlantic): 0 Northern bottlenose whale (Scotian Shelf): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Sowerby's beaked whale (Western North Atlantic): 0 Sperm whale, cachalot (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0	

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Whelk (<i>Buccinum undatum</i>)	Pots/traps, (Bottom)	Number of Vessels: none provided, Licenses: 241, 70 active in 2018, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.4.S, 21.4.T,Quebec Region (areas 1-9,11-15)	Atlantic bearded seal (Arctic/Labrador) Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Beluga, white whale (St. Lawrence Estuary) Blue whale (Western North Atlantic) Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Common minke whale (Atlantic Canada and Eastern Arctic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (UNKNOWN) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Ringed seal (Arctic & Labrador) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Sperm whale, cachalot (Western North Atlantic) Striped dolphin (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic bearded seal (Arctic/Labrador): 0 Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Beluga, white whale (St. Lawrence Estuary): 0 Blue whale (Western North Atlantic): 0 Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (UNKNOWN): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 North Atlantic right whale (Western North Atlantic): 0 Ringed seal (Arctic & Labrador): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Sperm whale, cachalot (Western North Atlantic): 0 Striped dolphin (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0	
Atlantic rock crab (<i>Cancer irroratus</i>)	Pots/traps, (Bottom)	Number of Vessels: none provided, Licenses: 34, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),Maritimes Region (LFA 27, 29, 31a, 31b, 32, 34, 35)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Blainville's beaked whale (Western North Atlantic) Blue whale (Western North Atlantic) Common bottlenose dolphin (Western North Atlantic) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Dwarf sperm whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (Northwest Atlantic/Eastern Arctic) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Pygmy sperm whale (Western North Atlantic) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Short-finned pilot whale (Western North Atlantic) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) Striped dolphin (Western North Atlantic) True's beaked whale (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Blainville's beaked whale (Western North Atlantic): 0 Blue whale (Western North Atlantic): 0 Common bottlenose dolphin (Western North Atlantic): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): 0 Dwarf sperm whale (Western North Atlantic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (Northwest Atlantic/Eastern Arctic): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 North Atlantic right whale (Western North Atlantic): 0 Northern bottlenose whale (Scotian Shelf): 0 Pygmy sperm whale (Western North Atlantic): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Short-finned pilot whale (Western North Atlantic): 0 Sowerby's beaked whale (Western North Atlantic): 0 Sperm whale, cachalot (Western North Atlantic): 0 Striped dolphin (Western North Atlantic): 0 True's beaked whale (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0	

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Atlantic rock crab (<i>Cancer irroratus</i>)	Traps (not specified), (Bottom)	Number of Vessels: none provided, Licenses: 4, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),Maritimes Region (LFA 36)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Blainville's beaked whale (Western North Atlantic) Blue whale (Western North Atlantic) Common bottlenose dolphin (Western North Atlantic) Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Dwarf sperm whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (Northwest Atlantic/Eastern Arctic) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Pygmy sperm whale (Western North Atlantic) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Short-finned pilot whale (Western North Atlantic) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) Striped dolphin (Western North Atlantic) True's beaked whale (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Blainville's beaked whale (Western North Atlantic): 0 Blue whale (Western North Atlantic): 0 Common bottlenose dolphin (Western North Atlantic): 0 Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): 0 Dwarf sperm whale (Western North Atlantic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (Northwest Atlantic/Eastern Arctic): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 North Atlantic right whale (Western North Atlantic): 0 Northern bottlenose whale (Scotian Shelf): 0 Pygmy sperm whale (Western North Atlantic): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Short-finned pilot whale (Western North Atlantic): 0 Sowerby's beaked whale (Western North Atlantic): 0 Sperm whale, cachalot (Western North Atlantic): 0 Striped dolphin (Western North Atlantic): 0 True's beaked whale (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0	
Atlantic rock crab (<i>Cancer irroratus</i>)	Pots/traps, (Bottom)	Number of Vessels: 29, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.4.T,Gulf region (area 23)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Beluga, white whale (St. Lawrence Estuary) Blue whale (Western North Atlantic) Common dolphin (California/Oregon/Washington) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (UNKNOWN) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Beluga, white whale (St. Lawrence Estuary): 0 Blue whale (Western North Atlantic): 0 Common dolphin (California/Oregon/Washington): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (UNKNOWN): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 North Atlantic right whale (Western North Atlantic): 0 Northern bottlenose whale (Scotian Shelf): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Sowerby's beaked whale (Western North Atlantic): 0 Sperm whale, cachalot (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0	

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Atlantic rock crab (<i>Cancer irroratus</i>)	Pots/traps, (Bottom)	Number of Vessels: 7, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.4.T,Gulf region (area 24)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Beluga, white whale (St. Lawrence Estuary) Blue whale (Western North Atlantic) Common dolphin (California/Oregon/Washington) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (UNKNOWN) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Beluga, white whale (St. Lawrence Estuary): 0 Blue whale (Western North Atlantic): 0 Common dolphin (California/Oregon/Washington): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (UNKNOWN): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 North Atlantic right whale (Western North Atlantic): 0 Northern bottlenose whale (Scotian Shelf): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Sowerby's beaked whale (Western North Atlantic): 0 Sperm whale, cachalot (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0	
Atlantic rock crab (<i>Cancer irroratus</i>)	Pots/traps, (Bottom)	Number of Vessels: 57, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.4.T,Gulf region (area 25)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Beluga, white whale (St. Lawrence Estuary) Blue whale (Western North Atlantic) Common dolphin (California/Oregon/Washington) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (UNKNOWN) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Beluga, white whale (St. Lawrence Estuary): 0 Blue whale (Western North Atlantic): 0 Common dolphin (California/Oregon/Washington): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (UNKNOWN): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 North Atlantic right whale (Western North Atlantic): 0 Northern bottlenose whale (Scotian Shelf): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Sowerby's beaked whale (Western North Atlantic): 0 Sperm whale, cachalot (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0	

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Atlantic rock crab (<i>Cancer irroratus</i>)	Pots/traps, (Bottom)	Number of Vessels: 74, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.4.T,Gulf region (area 26A)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Beluga, white whale (St. Lawrence Estuary) Blue whale (Western North Atlantic) Common dolphin (California/Oregon/Washington) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (UNKNOWN) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Beluga, white whale (St. Lawrence Estuary): 0 Blue whale (Western North Atlantic): 0 Common dolphin (California/Oregon/Washington): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (UNKNOWN): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 North Atlantic right whale (Western North Atlantic): 0 Northern bottlenose whale (Scotian Shelf): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Sowerby's beaked whale (Western North Atlantic): 0 Sperm whale, cachalot (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0	
Atlantic rock crab (<i>Cancer irroratus</i>)	Pots/traps, (Surface)	Number of Vessels: 0, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),Gulf region (area 26B)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Beluga, white whale (St. Lawrence Estuary) Blue whale (Western North Atlantic) Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (Northwest Atlantic/Eastern Arctic) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Beluga, white whale (St. Lawrence Estuary): 0 Blue whale (Western North Atlantic): 0 Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (Northwest Atlantic/Eastern Arctic): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 North Atlantic right whale (Western North Atlantic): 0 Northern bottlenose whale (Scotian Shelf): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Sowerby's beaked whale (Western North Atlantic): 0 Sperm whale, cachalot (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0	

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Snow crab (<i>Chionoecetes opilio</i>)	Traps (not specified), (Bottom)	Number of Vessels: 351 (in 2018), Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.4.T,Southern Gulf of St. Lawrence Snow Crab - Gulf and Quebec Regions - Areas 12 (12, 18, 25, 26), 12E and 12F	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Beluga, white whale (St. Lawrence Estuary) Blue whale (Western North Atlantic) Common dolphin (California/Oregon/Washington) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (UNKNOWN) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Beluga, white whale (St. Lawrence Estuary): 0 Blue whale (Western North Atlantic): 0 Common dolphin (California/Oregon/Washington): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): .2 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (UNKNOWN): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 North Atlantic right whale (Western North Atlantic): .45 Northern bottlenose whale (Scotian Shelf): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Sowerby's beaked whale (Western North Atlantic): 0 Sperm whale, cachalot (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0	
Snow crab (<i>Chionoecetes opilio</i>)	Traps (not specified), (Bottom)	Number of Vessels: 108, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.4.T,Gulf Region (Area 19)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Beluga, white whale (St. Lawrence Estuary) Blue whale (Western North Atlantic) Common dolphin (California/Oregon/Washington) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (UNKNOWN) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Beluga, white whale (St. Lawrence Estuary): 0 Blue whale (Western North Atlantic): 0 Common dolphin (California/Oregon/Washington): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (UNKNOWN): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 North Atlantic right whale (Western North Atlantic): .05 Northern bottlenose whale (Scotian Shelf): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Sowerby's beaked whale (Western North Atlantic): 0 Sperm whale, cachalot (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0	

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Snow crab (<i>Chionoecetes opilio</i>)	Pots/traps, (Bottom)	Number of Vessels: none provided, Licenses: 274, 257 active in 2018, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.4.S, 21.4.T,Quebec Region (Area 12A, 12B, 12C, 13, 14, 15, 16, 16A, 17)	Atlantic bearded seal (Arctic/Labrador) Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Beluga, white whale (St. Lawrence Estuary) Blue whale (Western North Atlantic) Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Common minke whale (Atlantic Canada and Eastern Arctic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (UNKNOWN) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Ringed seal (Arctic & Labrador) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Sperm whale, cachalot (Western North Atlantic) Striped dolphin (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic bearded seal (Arctic/Labrador): 0 Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Beluga, white whale (St. Lawrence Estuary): 0 Blue whale (Western North Atlantic): 0 Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (UNKNOWN): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 North Atlantic right whale (Western North Atlantic): .05 Ringed seal (Arctic & Labrador): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Sperm whale, cachalot (Western North Atlantic): 0 Striped dolphin (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0	
Yellowtail flounder (<i>Limanda ferruginea</i>)	Scottish seines, (Bottom), Trawls (not specified), (Bottom)	Number of Vessels: none provided, Licenses: 18 groundfish licence holders (see comments), Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.4.T,Quebec Region (4T2a)	Atlantic bearded seal (Arctic/Labrador) Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Beluga, white whale (St. Lawrence Estuary) Blue whale (Western North Atlantic) Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Common minke whale (Atlantic Canada and Eastern Arctic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (UNKNOWN) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Ringed seal (Arctic & Labrador) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Sperm whale, cachalot (Western North Atlantic) Striped dolphin (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic bearded seal (Arctic/Labrador): 0 Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Beluga, white whale (St. Lawrence Estuary): 0 Blue whale (Western North Atlantic): 0 Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (UNKNOWN): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 North Atlantic right whale (Western North Atlantic): 0 Ringed seal (Arctic & Labrador): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Sperm whale, cachalot (Western North Atlantic): 0 Striped dolphin (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0	
Isada krill (<i>Euphausia pacifica</i>), Thysanoessa longipes (Thysanoessa longipes), Thysanoessa raschii (Thysanoessa raschii), Thysanoessa spinifera (Thysanoessa spinifera)	Midwater trawls (not specified), (Bottom)	Number of Vessels: none provided, Licenses: 17, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:67 Pacific Northeast),Pacific Region (Area 15 and portions of Areas 12, 13, 16, 28)	California sea lion (Pacific) Common minke whale (California/Oregon/Washington) Dall's porpoise, Dall porpoise (California/Oregon/Washington) Gray whale (Pacific) Harbor porpoise (Pacific coast of Canada) Harbor seal, common seal (Pacific coast stock delineation in CAN unknown) Humpback whale (California/Oregon/Washington) Killer whale, orca (Pacific - Bigg's (Transient)) Killer whale, orca (Pacific - Northern Resident) Killer whale, orca (Pacific - Southern Resident) Pacific white-sided dolphin (California/Oregon/Washington) Steller sea lion, northern sea lion (Pacific)	California sea lion (Pacific): 0 Common minke whale (California/Oregon/Washington): 0 Dall's porpoise, Dall porpoise (California/Oregon/Washington): 0 Gray whale (Pacific): 0 Harbor porpoise (Pacific coast of Canada): 0 Harbor seal, common seal (Pacific coast stock delineation in CAN unknown): 0 Humpback whale (California/Oregon/Washington): 0 Killer whale, orca (Pacific - Bigg's (Transient)): 0 Killer whale, orca (Pacific - Northern Resident): 0 Killer whale, orca (Pacific - Southern Resident): 0 Pacific white-sided dolphin (California/Oregon/Washington): 0 Steller sea lion, northern sea lion (Pacific): 0	

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Aesop shrimp (<i>Pandalus montagui</i>), Northern prawn (<i>Pandalus borealis</i>)	Trawls (not specified), (Bottom)	Number of Vessels: none provided, Licenses: Quebec : 95 (51 active in 2018); Gulf: 24; Newfoundland: 36, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.4.R, 21.4.S, 21.4.T,Gulf of St. Lawrence, Quebec Region (8, 9, 10, 12)	Atlantic bearded seal (Arctic/Labrador) Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Beluga, white whale (St. Lawrence Estuary) Blue whale (Western North Atlantic) Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Common minke whale (Atlantic Canada and Eastern Arctic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic)Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (UNKNOWN) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Ringed seal (Arctic & Labrador) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Sperm whale, cachalot (Western North Atlantic)Striped dolphin (Western North Atlantic)White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic bearded seal (Arctic/Labrador): 0 Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Beluga, white whale (St. Lawrence Estuary): 0 Blue whale (Western North Atlantic): 0 Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (UNKNOWN): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 North Atlantic right whale (Western North Atlantic): 0 Ringed seal (Arctic & Labrador): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Sperm whale, cachalot (Western North Atlantic): 0 Striped dolphin (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0	
Hind's scallop (<i>Chlamys rubida</i>), Scallops nei (<i>Pectinidae</i>), Spiny scallop (<i>Chlamys hastata</i>)	Trawls (not specified), (Bottom)	Number of Vessels: none provided, Licenses: 7, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:67 Pacific Northeast),Pacific Region (Areas 13 to 19) Butterfly trawl	California sea lion (Pacific) Common minke whale (California/Oregon/Washington) Dall's porpoise, Dall porpoise (California/Oregon/Washington) Gray whale (Pacific) Harbor porpoise (Pacific coast of Canada) Harbor seal, common seal (Pacific coast stock delineation in CAN unknown) Humpback whale (California/Oregon/Washington) Killer whale, orca (Pacific - Bigg's (Transient)) Killer whale, orca (Pacific - Northern Resident) Killer whale, orca (Pacific - Offshore) Killer whale, orca (Pacific - Southern Resident) Pacific white-sided dolphin (California/Oregon/Washington) Steller sea lion, northern sea lion (Pacific)	California sea lion (Pacific): 0 Common minke whale (California/Oregon/Washington): 0 Dall's porpoise, Dall porpoise (California/Oregon/Washington): 0 Gray whale (Pacific): 0 Harbor porpoise (Pacific coast of Canada): 0 Harbor seal, common seal (Pacific coast stock delineation in CAN unknown): 0 Humpback whale (California/Oregon/Washington): 0 Killer whale, orca (Pacific - Bigg's (Transient)): 0 Killer whale, orca (Pacific - Northern Resident): 0 Killer whale, orca (Pacific - Offshore): 0 Killer whale, orca (Pacific - Southern Resident): 0 Pacific white-sided dolphin (California/Oregon/Washington): 0 Steller sea lion, northern sea lion (Pacific): 0	

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Aesop shrimp (<i>Pandalus montagui</i>), Northern prawn (<i>Pandalus borealis</i>)	Otter trawls (not specified), (Benthic)	Number of Vessels: none provided, Licenses: 19, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.0.A, 21.0.B,Central and Arctic Region (SFA 0, SFA 1, Eastern Assessment Zone (EAZ), Western Assessment Zone (WAZ))	Atlantic bearded seal (Arctic/Labrador) Atlantic walrus (Baffin Bay) Atlantic walrus (Hoare Bay & Hudson Bay/Davis Strait) Atlantic walrus (Penny Strait/Lancaster Sound) Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Beluga, white whale (Cumberland Sound) Beluga, white whale (High Arctic) Beluga, white whale (Ungava Bay) Blue whale (Western North Atlantic) Bowhead whale, Greenland whale (Eastern Canada - West Greenland) Common minke whale (Atlantic Canada and Eastern Arctic) Fin whale (West Greenland) Gray seal (Western North Atlantic) Harbor porpoise (Newfoundland) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (West Greenland) Killer whale, orca (Northwest Atlantic/Eastern Arctic) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Narwhal (East Baffin) Narwhal (Eclipse Sound) Narwhal (Jones Sound) Narwhal (Northern Hudson Bay) Narwhal (Smith Sound) Northern bottlenose whale (Davis Strait/Baffin Bay/Labrador Sea) Ringed seal (Arctic & Labrador) Seal unspecified (STOCK NOT SPECIFIED) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Sperm whale, cachalot (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic bearded seal (Arctic/Labrador): 0 Atlantic walrus (Baffin Bay): 0 Atlantic walrus (Hoare Bay & Hudson Bay/Davis Strait): 0 Atlantic walrus (Penny Strait/Lancaster Sound): 0 Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Beluga, white whale (Cumberland Sound): 0 Beluga, white whale (High Arctic): 0 Beluga, white whale (Ungava Bay): 0 Blue whale (Western North Atlantic): 0 Bowhead whale, Greenland whale (Eastern Canada - West Greenland): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Fin whale (West Greenland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Newfoundland): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (West Greenland): 0 Killer whale, orca (Northwest Atlantic/Eastern Arctic): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Narwhal (East Baffin): 0 Narwhal (Eclipse Sound): 0 Narwhal (Jones Sound): 0 Narwhal (Northern Hudson Bay): 0 Narwhal (Smith Sound): 0 Northern bottlenose whale (Davis Strait/Baffin Bay/Labrador Sea): 0 Ringed seal (Arctic & Labrador): 0 Seal unspecified (STOCK NOT SPECIFIED): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Sperm whale, cachalot (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0	
Coonstripe shrimp (<i>Pandalus hypsinotus</i>), Dock shrimp (<i>Pandalus danae</i>), Flexed shrimp (<i>Heptacarpus geniculatus</i>), Northern pink shrimp (<i>Penaeus duorarum</i>), Northern prawn (<i>Pandalus borealis</i>), Ocean shrimp (<i>Pandalus jordani</i>), Octopuses nei (<i>Octopus</i> spp), Sidestripe shrimp (<i>Pandalopsis dispar</i>), Sidestripe shrimp (<i>Pandalopsis dispar</i>), Smooth shrimp (<i>Trachypenaeus brevisuturæ</i>), Spot shrimp (<i>Pandalus platyceros</i>), marine shrimps nei	Beam trawls, (Bottom), Otter trawls (not specified), (Bottom)	Number of Vessels: none provided, Licenses: 237, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:67 Pacific Northeast),Pacific Region (Areas 1 to 29, 101 to 111, 121, 123 to 127, 130, 142)	Baird's beaked whale (California/Oregon/Washington) Blue whale (Eastern North Pacific) California sea lion (Pacific) Common minke whale (California/Oregon/Washington) Cuvier's beaked whale, goose-beaked whale (California/Oregon/Washington) Dall's porpoise, Dall porpoise (California/Oregon/Washington) Fin whale (Northeast Pacific) Gray whale (Pacific) Harbor porpoise (Pacific coast of Canada) Harbor seal, common seal (Pacific coast stock delineation in CAN unknown) Humpback whale (California/Oregon/Washington) Killer whale, orca (Pacific - Bigg's (Transient)) Killer whale, orca (Pacific - Northern Resident) Killer whale, orca (Pacific - Offshore) Killer whale, orca (Pacific - Southern Resident) North Pacific right whale (Northeast Pacific) Northern elephant seal (California Breeding) Northern fur seal (Eastern Pacific) Pacific white-sided dolphin (California/Oregon/Washington) Risso's dolphin, grampus (California/Oregon/Washington) Sea otter (Pacific Coast of Canada) Sperm whale, cachalot (California/Oregon/Washington) Steller sea lion, northern sea lion (Pacific)	Baird's beaked whale (California/Oregon/Washington): 0 Blue whale (Eastern North Pacific): 0 California sea lion (Pacific): 0 Common minke whale (California/Oregon/Washington): 0 Cuvier's beaked whale, goose-beaked whale (California/Oregon/Washington): 0 Dall's porpoise, Dall porpoise (California/Oregon/Washington): 0 Fin whale (Northeast Pacific): 0 Gray whale (Pacific): 0 Harbor porpoise (Pacific coast of Canada): 0 Harbor seal, common seal (Pacific coast stock delineation in CAN unknown): 0 Humpback whale (California/Oregon/Washington): 0 Killer whale, orca (Pacific - Bigg's (Transient)): 0 Killer whale, orca (Pacific - Northern Resident): 0 Killer whale, orca (Pacific - Offshore): 0 Killer whale, orca (Pacific - Southern Resident): 0 North Pacific right whale (Northeast Pacific): 0 Northern elephant seal (California Breeding): 0 Northern fur seal (Eastern Pacific): 0 Pacific white-sided dolphin (California/Oregon/Washington): 0 Risso's dolphin, grampus (California/Oregon/Washington): 0 Sea otter (Pacific Coast of Canada): 0 Sperm whale, cachalot (California/Oregon/Washington): 0 Steller sea lion, northern sea lion (Pacific): 0	

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
<p>Amer. plaice(=Long rough dab) (Hippoglossoides platessoides), American angler (Lophius americanus), Atlantic cod (Gadus morhua), Atlantic halibut (Hippoglossus hippoglossus), Atlantic redfishes nei (Sebastes spp), Atlantic searobins (Prionotus spp), Cunner (Tautogolabrus adspersus), Dogfish sharks nei (Squalidae), Flatfishes nei (Pleuronectiformes), Greater argentine (Argentina silus), Greenland cod (Gadus ogac), Greenland halibut (Reinhardtius hippoglossoides), Haddock (Melanogrammus aeglefinus), Hagfish (Myxine glutinosa), Ling (Molva molva), Lumpfish(=Lumpsucker) (Cyclopterus lumpus), Ocean pout (Macrozoarces americanus), Polar cod (Boreogadus saida), Raja rays nei (Raja spp), Red hake (Urophycis chuss), Roughhead grenadier (Macrourus berglax), Roundnose grenadier (Coryphaenoides rupestris), Saithe(=Pollock) (Pollachius virens), Sandeels(=Sandlances) nei (Ammodytes spp), Sculpins (Myoxocephalus spp), Silver hake (Merluccius bilinearis), Tusk(=Cusk) (Brosme brosme), White hake (Urophycis tenuis), Winter flounder (Pseudopleuronectes americanus), Witch flounder (Glyptocephalus cynoglossus), Wolffishes(=Catfishes) nei (Anarhichas spp), Yellowtail flounder (Limanda ferruginea)</p>	<p>Midwater trawls (not specified), (Midwater), Otter trawls (not specified), (Bottom), Trawls (not specified), (Bottom)</p>	<p>Number of Vessels: none provided, Licenses: 20, Participants: none provided, Aquaculture Facilities: none provided</p>	<p>EEZ,(FAO:21 Atlantic Northwest),21.4.V, 21.4.W,Maritimes Region (4VW)- Flatfish</p>	<p>Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Blainville's beaked whale (Western North Atlantic) Blue whale (Western North Atlantic) Common bottlenose dolphin (Western North Atlantic) Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Dwarf sperm whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (Northwest Atlantic/Eastern Arctic) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Pygmy sperm whale (Western North Atlantic) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Short-finned pilot whale (Western North Atlantic) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) Striped dolphin (Western North Atlantic) True's beaked whale (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)</p>	<p>Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Blainville's beaked whale (Western North Atlantic): 0 Blue whale (Western North Atlantic): 0 Common bottlenose dolphin (Western North Atlantic): 0 Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): 0 Dwarf sperm whale (Western North Atlantic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (Northwest Atlantic/Eastern Arctic): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 North Atlantic right whale (Western North Atlantic): 0 Northern bottlenose whale (Scotian Shelf): 0 Pygmy sperm whale (Western North Atlantic): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Short-finned pilot whale (Western North Atlantic): 0 Sowerby's beaked whale (Western North Atlantic): 0 Sperm whale, cachalot (Western North Atlantic): 0 Striped dolphin (Western North Atlantic): 0 True's beaked whale (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0</p>	
<p>Amer. plaice(=Long rough dab) (Hippoglossoides platessoides), American angler (Lophius americanus), Atlantic cod (Gadus morhua), Atlantic halibut (Hippoglossus hippoglossus), Atlantic redfishes nei (Sebastes spp), Atlantic searobins (Prionotus spp), Cunner (Tautogolabrus adspersus), Dogfish sharks nei (Squalidae), Greater argentine (Argentina silus), Greenland cod (Gadus ogac), Greenland halibut (Reinhardtius hippoglossoides), Haddock (Melanogrammus aeglefinus), Haddock (Melanogrammus aeglefinus), Hagfish (Myxine glutinosa), Ling (Molva molva), Lumpfish(=Lumpsucker) (Cyclopterus lumpus), Ocean pout (Macrozoarces americanus), Polar cod (Boreogadus saida), Raja rays nei (Raja spp), Red hake (Urophycis chuss), Roughhead grenadier (Macrourus berglax), Roundnose grenadier (Coryphaenoides rupestris), Saithe(=Pollock) (Pollachius virens), Sandeels(=Sandlances) nei (Ammodytes spp), Sculpins (Myoxocephalus spp), Silver hake (Merluccius bilinearis), Tusk(=Cusk) (Brosme brosme), White hake (Urophycis tenuis), Winter flounder (Pseudopleuronectes americanus), Witch flounder (Glyptocephalus cynoglossus), Wolffishes(=Catfishes) nei (Anarhichas spp), Yellowtail flounder (Limanda ferruginea)</p>	<p>Midwater trawls (not specified), (Midwater), Otter trawls (not specified), (Bottom), Trawls (not specified), (Bottom)</p>	<p>Number of Vessels: none provided, Licenses: 57, Participants: none provided, Aquaculture Facilities: none provided</p>	<p>EEZ,(FAO:21 Atlantic Northwest),21.4.X, 21.5.Y,Maritimes Region (4X5Y)- Haddock</p>	<p>Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Blainville's beaked whale (Western North Atlantic) Blue whale (Western North Atlantic) Common bottlenose dolphin (Western North Atlantic) Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Dwarf sperm whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (Northwest Atlantic/Eastern Arctic) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Pygmy sperm whale (Western North Atlantic) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Short-finned pilot whale (Western North Atlantic) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) Striped dolphin (Western North Atlantic) True's beaked whale (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)</p>	<p>Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Blainville's beaked whale (Western North Atlantic): 0 Blue whale (Western North Atlantic): 0 Common bottlenose dolphin (Western North Atlantic): 0 Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): 0 Dwarf sperm whale (Western North Atlantic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (Northwest Atlantic/Eastern Arctic): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 North Atlantic right whale (Western North Atlantic): 0 Northern bottlenose whale (Scotian Shelf): 0 Pygmy sperm whale (Western North Atlantic): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Short-finned pilot whale (Western North Atlantic): 0 Sowerby's beaked whale (Western North Atlantic): 0 Sperm whale, cachalot (Western North Atlantic): 0 Striped dolphin (Western North Atlantic): 0 True's beaked whale (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0</p>	

Target Species or Product	Gear Type	Number of Vessels/ Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
<p>Amer. plaice(=Long rough dab) (<i>Hippoglossoides platessoides</i>), American angler (<i>Lophius americanus</i>), Atlantic cod (<i>Gadus morhua</i>), Atlantic halibut (<i>Hippoglossus hippoglossus</i>), Atlantic redfishes nei (<i>Sebastes</i> spp), Atlantic searobins (<i>Prionotus</i> spp), Cunner (<i>Tautogolabrus adspersus</i>), Dogfish sharks nei (<i>Squalidae</i>), Greater argentine (<i>Argentina silus</i>), Greenland cod (<i>Gadus ogac</i>), Greenland halibut (<i>Reinhardtius hippoglossoides</i>), Haddock (<i>Melanogrammus aeglefinus</i>), Hagfish (<i>Myxine glutinosa</i>), Ling (<i>Molva molva</i>), Lumpfish(=Lumpsucker) (<i>Cyclopterus lumpus</i>), Ocean pout (<i>Macrozoarces americanus</i>), Polar cod (<i>Boreogadus saida</i>), Raja rays nei (<i>Raja</i> spp), Red hake (<i>Urophycis chuss</i>), Roughhead grenadier (<i>Macrourus berglax</i>), Roundnose grenadier (<i>Coryphaenoides rupestris</i>), Saithe(=Pollock) (<i>Pollachius virens</i>), Saithe(=Pollock) (<i>Pollachius virens</i>), Sandeels(=Sandlances) nei (<i>Ammodytes</i> spp), Sculpins (<i>Myoxocephalus</i> spp), Silver hake (<i>Merluccius bilinearis</i>), Tusk(=Cusk) (<i>Brosme brosme</i>), White hake (<i>Urophycis tenuis</i>), Winter flounder (<i>Pseudopleuronectes americanus</i>), Witch flounder (<i>Glyptocephalus cynoglossus</i>), Wolffishes(=Catfishes) nei (<i>Anarhichas</i> spp), Yellowtail flounder (<i>Limanda ferruginea</i>)</p>	<p>Midwater trawls (not specified), (Midwater), Otter trawls (not specified), (Bottom)</p>	<p>Number of Vessels: none provided, Licenses: 22, Participants: none provided, Aquaculture Facilities: none provided</p>	<p>EEZ,(FAO:21 Atlantic Northwest),21.4.V, 21.4.W, 21.4.X,Maritimes Region (4VW)- Pollock</p>	<p>Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Blainville's beaked whale (Western North Atlantic) Blue whale (Western North Atlantic) Common bottlenose dolphin (Western North Atlantic) Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (Northwest Atlantic/Eastern Arctic) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Pygmy sperm whale (Western North Atlantic) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Short-finned pilot whale (Western North Atlantic) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) Striped dolphin (Western North Atlantic) True's beaked whale (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)</p>	<p>Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Blainville's beaked whale (Western North Atlantic): 0 Blue whale (Western North Atlantic): 0 Common bottlenose dolphin (Western North Atlantic): 0 Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (Northwest Atlantic/Eastern Arctic): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 North Atlantic right whale (Western North Atlantic): 0 Northern bottlenose whale (Scotian Shelf): 0 Pygmy sperm whale (Western North Atlantic): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Short-finned pilot whale (Western North Atlantic): 0 Sowerby's beaked whale (Western North Atlantic): 0 Sperm whale, cachalot (Western North Atlantic): 0 Striped dolphin (Western North Atlantic): 0 True's beaked whale (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0</p>	
<p>Amer. plaice(=Long rough dab) (<i>Hippoglossoides platessoides</i>), American angler (<i>Lophius americanus</i>), Atlantic cod (<i>Gadus morhua</i>), Atlantic halibut (<i>Hippoglossus hippoglossus</i>), Atlantic redfishes nei (<i>Sebastes</i> spp), Atlantic redfishes nei (<i>Sebastes</i> spp), Atlantic searobins (<i>Prionotus</i> spp), Cunner (<i>Tautogolabrus adspersus</i>), Dogfish sharks nei (<i>Squalidae</i>), Greater argentine (<i>Argentina silus</i>), Greenland cod (<i>Gadus ogac</i>), Greenland halibut (<i>Reinhardtius hippoglossoides</i>), Haddock (<i>Melanogrammus aeglefinus</i>), Hagfish (<i>Myxine glutinosa</i>), Ling (<i>Molva molva</i>), Lumpfish(=Lumpsucker) (<i>Cyclopterus lumpus</i>), Ocean pout (<i>Macrozoarces americanus</i>), Polar cod (<i>Boreogadus saida</i>), Raja rays nei (<i>Raja</i> spp), Red hake (<i>Urophycis chuss</i>), Roughhead grenadier (<i>Macrourus berglax</i>), Roundnose grenadier (<i>Coryphaenoides rupestris</i>), Saithe(=Pollock) (<i>Pollachius virens</i>), Sandeels(=Sandlances) nei (<i>Ammodytes</i> spp), Sculpins (<i>Myoxocephalus</i> spp), Silver hake (<i>Merluccius bilinearis</i>), Tusk(=Cusk) (<i>Brosme brosme</i>), White hake (<i>Urophycis tenuis</i>), Winter flounder (<i>Pseudopleuronectes americanus</i>), Witch flounder (<i>Glyptocephalus cynoglossus</i>), Wolffishes(=Catfishes) nei (<i>Anarhichas</i> spp), Yellowtail flounder (<i>Limanda ferruginea</i>)</p>	<p>Otter trawls (not specified), (Bottom)</p>	<p>Number of Vessels: none provided, Licenses: 0, Participants: none provided, Aquaculture Facilities: none provided</p>	<p>EEZ,(FAO:21 Atlantic Northwest),21.4.V, 21.4.W,Maritimes Region - Unit 2 (4VW)- Redfish</p>	<p>Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Blainville's beaked whale (Western North Atlantic) Blue whale Western North Atlantic) Common bottlenose dolphin (Western North Atlantic) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Dwarf sperm whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (Northwest Atlantic/Eastern Arctic) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Pygmy sperm whale (Western North Atlantic) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Short-finned pilot whale (Western North Atlantic) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) Striped dolphin (Western North Atlantic) True's beaked whale (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)</p>	<p>Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Blainville's beaked whale (Western North Atlantic): 0 Blue whale (Western North Atlantic): 0 Common bottlenose dolphin (Western North Atlantic): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): 0 Dwarf sperm whale (Western North Atlantic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (Northwest Atlantic/Eastern Arctic): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 North Atlantic right whale (Western North Atlantic): 0 Northern bottlenose whale (Scotian Shelf): 0 Pygmy sperm whale (Western North Atlantic): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Short-finned pilot whale (Western North Atlantic): 0 Sowerby's beaked whale (Western North Atlantic): 0 Sperm whale, cachalot (Western North Atlantic): 0 Striped dolphin (Western North Atlantic): 0 True's beaked whale (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0</p>	

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
<p>Amer. plaice(=Long rough dab) (Hippoglossoides platessoides), American angler (Lophius americanus), Atlantic cod (Gadus morhua), Atlantic halibut (Hippoglossus hippoglossus), Atlantic redfishes nei (Sebastes spp), Atlantic redfishes nei (Sebastes spp), Atlantic searobins (Prionotus spp), Cunner (Tautogolabrus adspersus), Dogfish sharks nei (Squalidae), Greater argentine (Argentina silus), Greenland cod (Gadus ogac), Greenland halibut (Reinhardtius hippoglossoides), Haddock (Melanogrammus aeglefinus), Hagfish (Myxine glutinosa), Ling (Molva molva), Lumpfish(=Lumpsucker) (Cyclopterus lumpus), Ocean pout (Macrozoarces americanus), Polar cod (Boreogadus saida), Raja rays nei (Raja spp), Red hake (Urophycis chuss), Roughhead grenadier (Macrourus berglax), Roundnose grenadier (Coryphaenoides rupestris), Saithe(=Pollock) (Pollachius virens), Sandeels(=Sandlances) nei (Ammodytes spp), Sculpins (Myoxocephalus spp), Silver hake (Merluccius bilinearis), Tusk(=Cusk) (Brosme brosme), White hake (Urophycis tenuis), Winter flounder (Pseudopleuronectes americanus), Witch flounder (Glyptocephalus cynoglossus), Wolffishes(=Catfishes) nei (Anarhichas spp), Yellowtail flounder (Limanda ferruginea)</p>	<p>Otter trawls (not specified), (Bottom)</p>	<p>Number of Vessels: none provided, Licenses: 57, Participants: none provided, Aquaculture Facilities: none provided</p>	<p>EEZ,(FAO:21 Atlantic Northwest),Maritimes Region - Unit 3- Redfish</p>	<p>Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Blainville's beaked whale (Western North Atlantic) Blue whale (Western North Atlantic) Common bottlenose dolphin (Western North Atlantic) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Dwarf sperm whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (Northwest Atlantic/Eastern Arctic) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Pygmy sperm whale (Western North Atlantic) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Seal unspecified (STOCK NOT SPECIFIED) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Short-finned pilot whale (Western North Atlantic) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) Striped dolphin (Western North Atlantic) True's beaked whale (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)</p>	<p>Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Blainville's beaked whale (Western North Atlantic): 0 Blue whale (Western North Atlantic): 0 Common bottlenose dolphin (Western North Atlantic): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): 0 Dwarf sperm whale (Western North Atlantic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (Northwest Atlantic/Eastern Arctic): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 North Atlantic right whale (Western North Atlantic): 0 Northern bottlenose whale (Scotian Shelf): 0 Pygmy sperm whale (Western North Atlantic): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Seal unspecified (STOCK NOT SPECIFIED): .8 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Short-finned pilot whale (Western North Atlantic): 0 Sowerby's beaked whale (Western North Atlantic): 0 Sperm whale, cachalot (Western North Atlantic): 0 Striped dolphin (Western North Atlantic): 0 True's beaked whale (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0</p>	
<p>Amer. plaice(=Long rough dab) (Hippoglossoides platessoides), Atlantic cod (Gadus morhua), Atlantic halibut (Hippoglossus hippoglossus), Atlantic redfishes nei (Sebastes spp), Greenland halibut (Reinhardtius hippoglossoides), White hake (Urophycis tenuis), Winter flounder (Pseudopleuronectes americanus), Witch flounder (Glyptocephalus cynoglossus), Yellowtail flounder (Limanda ferruginea)</p>	<p>Bottom trawls (not specified), (Bottom)</p>	<p>Number of Vessels: 19, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided</p>	<p>EEZ,(FAO:21 Atlantic Northwest),21.4.R, 21.4.S, 21.4.T,Gulf Region Unit 1 (4RST) (EXPLORATORY FISHERY) (Directed fishery is redfish, all other species are by-catch only)</p>	<p>Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Beluga, white whale (St. Lawrence Estuary) Blue whale (Western North Atlantic) Common dolphin (California/Oregon/Washington) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (UNKNOWN) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)</p>	<p>Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Beluga, white whale (St. Lawrence Estuary): 0 Blue whale (Western North Atlantic): 0 Common dolphin (California/Oregon/Washington): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (UNKNOWN): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 North Atlantic right whale (Western North Atlantic): 0 Northern bottlenose whale (Scotian Shelf): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Sowerby's beaked whale (Western North Atlantic): 0 Sperm whale, cachalot (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0</p>	

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Amer. plaice(=Long rough dab) (Hippoglossoides platessoides), Atlantic cod (Gadus morhua), Atlantic redfishes nei (Sebastes spp), Greenland halibut (Reinhardtius hippoglossoides), Haddock (Melanogrammus aeglefinus), Northern cods nei (Gadus spp), Roundnose grenadier (Coryphaenoides rupestris), Starry ray (Raja radiata), White hake (Urophycis tenuis), Witch flounder (Glyptocephalus cynoglossus), Yellowtail flounder (Limanda ferruginea)	Otter trawls (not specified), (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: 10, Aquaculture Facilities: none provided	High Seas,EEZ,(FAO:21 Atlantic Northwest),21.2.G, 21.2.H, 21.2.J, 21.3.K, 21.3.L, 21.3.M, 21.3.N, 21.3.O,Newfoundland and Labrador Region (2+3KLMNO)	Common minke whale (Atlantic Canada and Eastern Arctic) Gray seal (Western North Atlantic) Harbor porpoise (Newfoundland) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Ringed seal (Arctic & Labrador) Seal unspecified (STOCK NOT SPECIFIED) Whale unspecified (STOCK NOT SPECIFIED)	Common minke whale (Atlantic Canada and Eastern Arctic): 0 Gray seal (Western North Atlantic): 1.92 Harbor porpoise (Newfoundland): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 29.06 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 1.94 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 1.92 Ringed seal (Arctic & Labrador): 0 Seal unspecified (STOCK NOT SPECIFIED): 1.92 Whale unspecified (STOCK NOT SPECIFIED): 5.81	NAFO
Atlantic redfishes nei (Sebastes spp)	Midwater trawls (not specified), (Midwater)	Number of Vessels: none provided, Licenses: none provided, Participants: 0, Aquaculture Facilities: none provided	EEZ,France,(FAO:21 Atlantic Northwest),21.3.P.s,Newfoundland and Labrador Region (3Ps)	Common minke whale (Atlantic Canada and Eastern Arctic) Gray seal (Western North Atlantic) Harbor porpoise (Newfoundland) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Common minke whale (Atlantic Canada and Eastern Arctic): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Newfoundland): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0	
Amer. plaice(=Long rough dab) (Hippoglossoides platessoides), American angler (Lophius americanus), Atlantic cod (Gadus morhua), Atlantic cod (Gadus morhua), Atlantic halibut (Hippoglossus hippoglossus), Atlantic redfishes nei (Sebastes spp), Atlantic searobins (Prionotus spp), Cunner (Tautoglabrus adspersus), Dogfish sharks nei (Squalidae), Greater argentine (Argentina silus), Haddock (Melanogrammus aeglefinus), Hagfish (Myxine glutinosa), Ling (Molva molva), Lumpfish(=Lumpsucker) (Cyclopterus lumpus), Ocean pout (Macrozoarces americanus), Polar cod (Boreogadus saida), Raja rays nei (Raja spp), Red hake (Urophycis chuss), Roughhead grenadier (Macrourus berglax), Roundnose grenadier (Coryphaenoides rupestris), Saithe(=Pollock) (Pollachius virens), Sandeels(=Sandlances) nei (Ammodytes spp), Sculpins (Myoxocephalus spp), Silver hake (Merluccius bilinearis), White hake (Urophycis tenuis), Winter flounder (Pseudopleuronectes americanus), Witch flounder (Glyptocephalus cynoglossus), Wolffishes(=Catfishes) nei (Anarhichas spp), Yellowtail flounder (Limanda ferruginea)	Midwater trawls (not specified), (Midwater), Otter trawls (not specified), (Bottom), Trawls (not specified), (Bottom)	Number of Vessels: 25, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.5.Z,Maritimes Region (5Z)- Atlantic cod	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Blainville's beaked whale (Western North Atlantic) Blue whale (Western North Atlantic) Common bottlenose dolphin (Western North Atlantic) Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Dwarf sperm whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (Northwest Atlantic/Eastern Arctic) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Pygmy sperm whale (Western North Atlantic) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Short-finned pilot whale (Western North Atlantic) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) Striped dolphin (Western North Atlantic) True's beaked whale (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Blainville's beaked whale (Western North Atlantic): 0 Blue whale (Western North Atlantic): 0 Common bottlenose dolphin (Western North Atlantic): 0 Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): 0 Dwarf sperm whale (Western North Atlantic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (Northwest Atlantic/Eastern Arctic): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 North Atlantic right whale (Western North Atlantic): 0 Northern bottlenose whale (Scotian Shelf): 0 Pygmy sperm whale (Western North Atlantic): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Short-finned pilot whale (Western North Atlantic): 0 Sowerby's beaked whale (Western North Atlantic): 0 Sperm whale, cachalot (Western North Atlantic): 0 Striped dolphin (Western North Atlantic): 0 True's beaked whale (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0	
Amer. plaice(=Long rough dab) (Hippoglossoides platessoides), Atlantic cod (Gadus morhua), Atlantic halibut (Hippoglossus hippoglossus), Haddock (Melanogrammus aeglefinus), Saithe(=Pollock) (Pollachius virens), Starry ray (Raja radiata), White hake (Urophycis tenuis)	Longlines (not specified), (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: 168, Aquaculture Facilities: none provided	EEZ,France,(FAO:21 Atlantic Northwest),21.3.P.s,Newfoundland and Labrador Region (3Ps)	Common minke whale (Atlantic Canada and Eastern Arctic) Gray seal (Western North Atlantic) Harbor porpoise (Newfoundland) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Common minke whale (Atlantic Canada and Eastern Arctic): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Newfoundland): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0	

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Amer. plaice(=Long rough dab) (Hippoglossoides platessoides), Atlantic cod (Gadus morhua), Atlantic redfishes nei (Sebastes spp), Haddock (Melanogrammus aeglefinus), Saithe(=Pollock) (Pollachius virens), Starry ray (Raja radiata), Witch flounder (Glyptocephalus cynoglossus)	Otter trawls (not specified), (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: 8, Aquaculture Facilities: none provided	EEZ,France,(FAO:21 Atlantic Northwest),21.3.P.s,Newfoundland and Labrador Region (3Ps)	Common minke whale (Atlantic Canada and Eastern Arctic) Gray seal (Western North Atlantic) Harbor porpoise (Newfoundland) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Common minke whale (Atlantic Canada and Eastern Arctic): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Newfoundland): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0	
Albacore (Thunnus alalunga), Bigeye tuna (Thunnus obesus), Skipjack tuna (Katsuwonus pelamis), Swordfish (Xiphias gladius), Tunas nei (Thunnini), Yellowfin tuna (Thunnus albacares)	Longlines (not specified), (Bottom), Trolling lines, (Bottom)	Number of Vessels: none provided, Licenses: 78, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.3.K, 21.3.L, 21.3.M, 21.3.N, 21.3.O, 21.3.P, 21.3.P.n, 21.3.P.s, 21.4.V, 21.4.V.n, 21.4.V.s, 21.4.W, 21.4.X, 21.5.Y, 21.5.Z, 21.5.Z.c, 21.5.Z.e, 21.5.Z.u, 21.5.Z.w,Maritimes Region (3, 4, 5 (exception 4RST and Bay of Fundy)) and International Convention for the Conservation of Atlantic Tuna 3	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Blainville's beaked whale (Western North Atlantic) Blue whale (Western North Atlantic) Common bottlenose dolphin (Western North Atlantic) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Dwarf sperm whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (Northwest Atlantic/Eastern Arctic) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Pygmy sperm whale (Western North Atlantic) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) Striped dolphin (Western North Atlantic) True's beaked whale (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Blainville's beaked whale (Western North Atlantic): 0 Blue whale (Western North Atlantic): 0 Common bottlenose dolphin (Western North Atlantic): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): 0 Dwarf sperm whale (Western North Atlantic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (Northwest Atlantic/Eastern Arctic): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 North Atlantic right whale (Western North Atlantic): 0 Northern bottlenose whale (Scotian Shelf): 0 Pygmy sperm whale (Western North Atlantic): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Sowerby's beaked whale (Western North Atlantic): 0 Sperm whale, cachalot (Western North Atlantic): 0 Striped dolphin (Western North Atlantic): 0 True's beaked whale (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0	ICCAT
Smelts nei (Osmerus spp, Hypomesus spp)	Gillnets and entangling nets (not specified), (Bottom), Seine nets (not specified), (Pelagic), Traps (not specified), (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: 0, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.4.R,Newfoundland and Labrador Region (4R)	Common minke whale (Atlantic Canada and Eastern Arctic) Gray seal (Western North Atlantic) Harbor porpoise (Newfoundland) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Common minke whale (Atlantic Canada and Eastern Arctic): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Newfoundland): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0	
Whelk (Buccinum undatum)	Pots/traps, (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: 69, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.2.G, 21.2.H, 21.2.J, 21.3.K, 21.3.L, 21.3.P.n, 21.3.P.s, 21.4.R,Newfoundland and Labrador Region (3Ps, 2GHJ, 3KL, 4R3Pn)	Common minke whale (Atlantic Canada and Eastern Arctic) Gray seal (Western North Atlantic) Harbor porpoise (Newfoundland) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Ringed seal (Arctic & Labrador)	Common minke whale (Atlantic Canada and Eastern Arctic): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Newfoundland): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): .2 Ringed seal (Arctic & Labrador): 0	

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Whelk (<i>Buccinum undatum</i>)	Pots/traps, (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: 0, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.3.N, 21.3.O,Newfoundland and Labrador Region (3NO) EXPLORATORY	Common minke whale (Atlantic Canada and Eastern Arctic) Harbor porpoise (Newfoundland) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Common minke whale (Atlantic Canada and Eastern Arctic): 0 Harbor porpoise (Newfoundland): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0	
Amer. plaice(=Long rough dab) (<i>Hippoglossoides platessoides</i>), Atlantic cod (<i>Gadus morhua</i>), Atlantic halibut (<i>Hippoglossus hippoglossus</i>), Greenland halibut (<i>Reinhardtius hippoglossoides</i>), Lumpfish(=Lumpsucker) (<i>Cyclopterus lumpus</i>), White hake (<i>Urophycis tenuis</i>)	Set gillnets/set nets (anchored), (Bottom)	Number of Vessels: none provided, Licenses: 0 active in 2018 (See comment), Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.4.S,Quebec Region (4S)	Atlantic bearded seal (Arctic/Labrador) Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Beluga, white whale (St. Lawrence Estuary) Blue whale (Western North Atlantic) Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Common minke whale (Atlantic Canada and Eastern Arctic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (UNKNOWN) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Ringed seal (Arctic & Labrador) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Sperm whale, cachalot (Western North Atlantic) Striped dolphin (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic bearded seal (Arctic/Labrador): 0 Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Beluga, white whale (St. Lawrence Estuary): 0 Blue whale (Western North Atlantic): 0 Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (UNKNOWN): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 North Atlantic right whale (Western North Atlantic): 0 Ringed seal (Arctic & Labrador): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Sperm whale, cachalot (Western North Atlantic): 0 Striped dolphin (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0	
Atlantic mackerel (<i>Scomber scombrus</i>)	Gillnets and entangling nets (not specified), (Pelagic)	Number of Vessels: 388, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.4.R, 21.4.S, 21.4.T,Gulf Region	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Beluga, white whale (St. Lawrence Estuary) Blue whale (Western North Atlantic) Common dolphin (California/Oregon/Washington) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (UNKNOWN) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Beluga, white whale (St. Lawrence Estuary): 0 Blue whale (Western North Atlantic): 0 Common dolphin (California/Oregon/Washington): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (UNKNOWN): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 North Atlantic right whale (Western North Atlantic): 0 Northern bottlenose whale (Scotian Shelf): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Sowerby's beaked whale (Western North Atlantic): 0 Sperm whale, cachalot (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0	

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Chinook(=Spring=King) salmon (<i>Oncorhynchus tshawytscha</i>), Chum(=Keta=Dog) salmon (<i>Oncorhynchus keta</i>), Coho(=Silver) salmon (<i>Oncorhynchus kisutch</i>), Pacific salmon species (<i>Oncorhynchus</i> spp), Pink(=Humpback) salmon (<i>Oncorhynchus gorbuscha</i>), Sockeye(=Red) salmon (<i>Oncorhynchus nerka</i>)	Gillnets and entangling nets (not specified), (Midwater)	Number of Vessels: none provided, Licenses: see comments below, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:67 Pacific Northeast),Pacific Region (Areas 1 to 10, subarea 101-7 + Areas 11 to 15 and 23 to 27 + Areas 16 to 22, 28, 29 and 121)	California sea lion (Pacific) Common dolphin (California/Oregon/Washington) Common minke whale (California/Oregon/Washington) Cuvier's beaked whale, goose-beaked whale (California/Oregon/Washington) Dall's porpoise, Dall porpoise (California/Oregon/Washington) Dolphin unspecified (STOCK NOT SPECIFIED) Fin whale (California/Oregon/Washington) Gray whale (Pacific) Harbor porpoise (Pacific coast of Canada) Harbor seal, common seal (Pacific coast stock delineation in CAN unknown) Humpback whale (California/Oregon/Washington) Killer whale, orca (Pacific - Bigg's (Transient)) Killer whale, orca (Pacific - Northern Resident) Killer whale, orca (Pacific - Offshore) Killer whale, orca (Pacific - Southern Resident) Northern elephant seal (California Breeding) Northern fur seal (Eastern Pacific) Pacific white-sided dolphin (California/Oregon/Washington) Porpoise unspecified (STOCK NOT SPECIFIED) Risso's dolphin, grampus (California/Oregon/Washington) Sea otter (Pacific Coast of Canada) Steller sea lion, northern sea lion (Pacific) Whale unspecified (STOCK NOT SPECIFIED)	California sea lion (Pacific): 0 Common dolphin (California/Oregon/Washington): 0 Common minke whale (California/Oregon/Washington): 0 Cuvier's beaked whale, goose-beaked whale (California/Oregon/Washington): 0 Dall's porpoise, Dall porpoise (California/Oregon/Washington): .4 Dolphin unspecified (STOCK NOT SPECIFIED): .63 Fin whale (California/Oregon/Washington): 0 Gray whale (Pacific): 0 Harbor porpoise (Pacific coast of Canada): .8 Harbor seal, common seal (Pacific coast stock delineation in CAN unknown): 0 Humpback whale (California/Oregon/Washington): 0 Killer whale, orca (Pacific - Bigg's (Transient)): 0 Killer whale, orca (Pacific - Northern Resident): 0 Killer whale, orca (Pacific - Offshore): 0 Killer whale, orca (Pacific - Southern Resident): 0 Northern elephant seal (California Breeding): 0 Northern fur seal (Eastern Pacific): 0 Pacific white-sided dolphin (California/Oregon/Washington): .4 Porpoise unspecified (STOCK NOT SPECIFIED): 3.2 Risso's dolphin, grampus (California/Oregon/Washington): 0 Sea otter (Pacific Coast of Canada): 0 Steller sea lion, northern sea lion (Pacific): 0 Whale unspecified (STOCK NOT SPECIFIED): .6	
Snow crab (<i>Chionoecetes opilio</i>)	Pots/traps, (Benthic)	Number of Vessels: none provided, Licenses: none provided, Participants: 2126, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.2.G, 21.2.H, 21.2.J, 21.3.K, 21.3.L, 21.3.N, 21.3.O, 21.3.P.n, 21.3.P.s, 21.4.R,Newfoundland and Labrador Region (2GHJ, 3KLNO, 3Ps, 4R3Pn)	Common minke whale (Atlantic Canada and Eastern Arctic) Gray seal (Western North Atlantic) Harbor porpoise (Newfoundland) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Ringed seal (Arctic & Labrador) Seal unspecified (STOCK NOT SPECIFIED)	Common minke whale (Atlantic Canada and Eastern Arctic): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Newfoundland): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 10 Harp seal (Western North Atlantic): 10 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Ringed seal (Arctic & Labrador): 0 Seal unspecified (STOCK NOT SPECIFIED): 35	
Amer. plaice(=Long rough dab) (<i>Hippoglossoides platessoides</i>), American angler (<i>Lophius americanus</i>), Atlantic cod (<i>Gadus morhua</i>), Atlantic cod (<i>Gadus morhua</i>), Atlantic halibut (<i>Hippoglossus hippoglossus</i>), Atlantic redfishes species (<i>Sebastes</i> spp), Atlantic searobins (<i>Prionotus</i> spp), Cunner (<i>Tautoglabrus adspersus</i>), Dogfish sharks species (<i>Squalidae</i>), Greater argentine (<i>Argentina silus</i>), Greenland cod (<i>Gadus ogac</i>), Greenland halibut (<i>Reinhardtius hippoglossoides</i>), Haddock (<i>Melanogrammus aeglefinus</i>), Hagfish (<i>Myxine glutinosa</i>), Ling (<i>Molva molva</i>), Lumpfish(=Lumpsucker) (<i>Cyclopterus lumpus</i>), Ocean pout (<i>Macrozoarces americanus</i>), Polar cod (<i>Boreogadus saida</i>), Raja rays species (<i>Raja</i> spp), Red hake (<i>Urophycis chuss</i>), Roughhead grenadier (<i>Macrourus berglax</i>), Roundnose grenadier (<i>Coryphaenoides rupestris</i>), Saithe(=Pollock) (<i>Pollachius virens</i>), Sandeels(=Sandlances) species (<i>Ammodytes</i> spp), Sculpins (<i>Myoxocephalus</i> spp), Silver hake (<i>Merluccius bilinearis</i>), Tusk(=Cusk) (<i>Brosme brosme</i>), White hake (<i>Urophycis tenuis</i>), Winter flounder (<i>Pseudopleuronectes americanus</i>), Witch flounder (<i>Glyptocephalus cynoglossus</i>), Wolffishes(=Catfishes) species (<i>Anarhichas</i> spp), Yellowtail flounder (<i>Limanda ferruginea</i>)	Fixed gillnets (on stakes), (Bottom), Set gillnets/set nets (anchored), (Bottom)	Number of Vessels: none provided, Licenses: 5, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.5.Z,Maritimes Region (5Z)- Atlantic cod	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Blainville's beaked whale (Western North Atlantic) Blue whale (Western North Atlantic) Common bottlenose dolphin (Western North Atlantic) Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Dwarf sperm whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (Northwest Atlantic/Eastern Arctic) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Pygmy sperm whale (Western North Atlantic) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Short-finned pilot whale (Western North Atlantic) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) Striped dolphin (Western North Atlantic) True's beaked whale (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Blainville's beaked whale (Western North Atlantic): 0 Blue whale (Western North Atlantic): 0 Common bottlenose dolphin (Western North Atlantic): 0 Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): 0 Dwarf sperm whale (Western North Atlantic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (Northwest Atlantic/Eastern Arctic): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 North Atlantic right whale (Western North Atlantic): 0 Northern bottlenose whale (Scotian Shelf): 0 Pygmy sperm whale (Western North Atlantic): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Short-finned pilot whale (Western North Atlantic): 0 Sowerby's beaked whale (Western North Atlantic): 0 Sperm whale, cachalot (Western North Atlantic): 0 Striped dolphin (Western North Atlantic): 0 True's beaked whale (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0	

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Amer. plaice(=Long rough dab) (Hippoglossoides platessoides), Atlantic cod (Gadus morhua), Atlantic halibut (Hippoglossus hippoglossus), Atlantic redfishes nei (Sebastes spp), Greenland halibut (Reinhardtius hippoglossoides), White hake (Urophycis tenuis), Winter flounder (Pseudopleuronectes americanus), Witch flounder (Glyptocephalus cynoglossus), Yellowtail flounder (Limanda ferruginea)	Fixed gillnets (on stakes), (Bottom), Set gillnets/set nets (anchored), (Bottom)	Number of Vessels: 38, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.4.R, 21.4.S, 21.4.T,Gulf Region (4RST) (Directed fishery in winter flounder, all other species are by-catch only)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Beluga, white whale (St. Lawrence Estuary) Blue whale (Western North Atlantic) Common dolphin (California/Oregon/Washington) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (UNKNOWN) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Beluga, white whale (St. Lawrence Estuary): 0 Blue whale (Western North Atlantic): 0 Common dolphin (California/Oregon/Washington): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (UNKNOWN): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 North Atlantic right whale (Western North Atlantic): 0 Northern bottlenose whale (Scotian Shelf): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Sowerby's beaked whale (Western North Atlantic): 0 Sperm whale, cachalot (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0	
Herrings/sardines nei (Clupeidae)	Fixed gillnets (on stakes), (Pelagic), Set gillnets/set nets (anchored), (Pelagic)	Number of Vessels: 490, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.4.T, 21.4.V.n,Gulf Region (4TVn) Spring	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Beluga, white whale (St. Lawrence Estuary) Blue whale (Western North Atlantic) Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (UNKNOWN) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Beluga, white whale (St. Lawrence Estuary): 0 Blue whale (Western North Atlantic): 0 Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (UNKNOWN): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 North Atlantic right whale (Western North Atlantic): 0 Northern bottlenose whale (Scotian Shelf): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Sowerby's beaked whale (Western North Atlantic): 0 Sperm whale, cachalot (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0	

Target Species or Product	Gear Type	Number of Vessels/ Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
<p>Amer. plaice(=Long rough dab) (<i>Hippoglossoides platessoides</i>), American angler (<i>Lophius americanus</i>), Atlantic cod (<i>Gadus morhua</i>), Atlantic halibut (<i>Hippoglossus hippoglossus</i>), Atlantic halibut (<i>Hippoglossus hippoglossus</i>), Atlantic redfishes nei (<i>Sebastes</i> spp), Atlantic searobins (<i>Prionotus</i> spp), Blue shark (<i>Prionace glauca</i>), Cunner (<i>Tautoglabrus adspersus</i>), Dogfish sharks nei (<i>Squalidae</i>), Greater argentine (<i>Argentina silus</i>), Greenland cod (<i>Gadus ogac</i>), Greenland halibut (<i>Reinhardtius hippoglossoides</i>), Haddock (<i>Melanogrammus aeglefinus</i>), Hagfish (<i>Myxine glutinosa</i>), Ling (<i>Molva molva</i>), Lumpfish(=Lumpsucker) (<i>Cyclopterus lumpus</i>), Mako sharks (<i>Isurus</i> spp), Ocean pout (<i>Macrozoarces americanus</i>), Polar cod (<i>Boreogadus saida</i>), Porbeagle (<i>Lamna nasus</i>), Raja rays nei (<i>Raja</i> spp), Red hake (<i>Urophycis chuss</i>), Roughhead grenadier (<i>Macrourus berglax</i>), Roundnose grenadier (<i>Coryphaenoides rupestris</i>), Saithe(=Pollock) (<i>Pollachius virens</i>), Sandeels(=Sandlances) nei (<i>Ammodytes</i> spp), Sculpins (<i>Myoxocephalus</i> spp), Silver hake (<i>Merluccius bilinearis</i>), Thresher sharks nei (<i>Alopias</i> spp), Tusk(=Cusk) (<i>Brosme brosme</i>), White hake (<i>Urophycis tenuis</i>), Winter flounder (<i>Pseudopleuronectes americanus</i>), Witch flounder (<i>Glyptocephalus cynoglossus</i>), Wolffishes(=Catfishes) nei (<i>Anarhichas</i> spp), Yellowtail flounder (<i>Limanda ferruginea</i>)</p>	<p>Fixed gillnets (on stakes), (Bottom), Set gillnets/set nets (anchored), (Bottom)</p>	<p>Number of Vessels: none provided, Licenses: 309, Participants: none provided, Aquaculture Facilities: none provided</p>	<p>EEZ,(FAO:21 Atlantic Northwest),21.3.N, 21.3.O, 21.3.P.s, 21.4.V, 21.4.W, 21.4.X, 21.5.Z.c,Maritimes Region (3NOPs, 4VWX5)-Halibut</p>	<p>Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Blainville's beaked whale (Western North Atlantic) Blue whale (Western North Atlantic) Common bottlenose dolphin (Western North Atlantic) Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Dwarf sperm whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (Northwest Atlantic/Eastern Arctic) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Pygmy sperm whale (Western North Atlantic) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Short-finned pilot whale (Western North Atlantic) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) Striped dolphin (Western North Atlantic) True's beaked whale (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)</p>	<p>Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Blainville's beaked whale (Western North Atlantic): 0 Blue whale (Western North Atlantic): 0 Common bottlenose dolphin (Western North Atlantic): 0 Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): 0 Dwarf sperm whale (Western North Atlantic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (Northwest Atlantic/Eastern Arctic): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 North Atlantic right whale (Western North Atlantic): 0 Northern bottlenose whale (Scotian Shelf): 0 Pygmy sperm whale (Western North Atlantic): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Short-finned pilot whale (Western North Atlantic): 0 Sowerby's beaked whale (Western North Atlantic): 0 Sperm whale, cachalot (Western North Atlantic): 0 Striped dolphin (Western North Atlantic): 0 True's beaked whale (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0</p>	
<p>Winter flounder (<i>Pseudopleuronectes americanus</i>)</p>	<p>Danish seines, (Bottom), Scottish seines, (Bottom), Set gillnets/set nets (anchored), (Bottom), Trawls (not specified), (Bottom), dip nets, (Bottom)</p>	<p>Number of Vessels: none provided, Licenses: *25 groundfish licence holders , Participants: none provided, Aquaculture Facilities: none provided</p>	<p>EEZ,(FAO:21 Atlantic Northwest),21.4.T,Quebec Region (4T)</p>	<p>Atlantic bearded seal (Arctic/Labrador) Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Beluga, white whale (St. Lawrence Estuary) Blue whale (Western North Atlantic) Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Common minke whale (Atlantic Canada and Eastern Arctic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (UNKNOWN) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Ringed seal (Arctic & Labrador) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Sperm whale, cachalot (Western North Atlantic) Striped dolphin (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)</p>	<p>Atlantic bearded seal (Arctic/Labrador): 0 Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Beluga, white whale (St. Lawrence Estuary): 0 Blue whale (Western North Atlantic): 0 Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (UNKNOWN): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 North Atlantic right whale (Western North Atlantic): 0 Ringed seal (Arctic & Labrador): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Sperm whale, cachalot (Western North Atlantic): 0 Striped dolphin (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0</p>	
<p>Arctic lyre crab (<i>Hyas coarctatus</i>), Atlantic lyre crab (<i>Hyas araneus</i>)</p>	<p>Pots/traps, (Bottom)</p>	<p>Number of Vessels: none provided, Licenses: none provided, Participants: 52, Aquaculture Facilities: none provided</p>	<p>EEZ,(FAO:21 Atlantic Northwest),21.3.K, 21.3.L, 21.3.N, 21.3.P.s, 21.4.R,Newfoundland and Labrador Region (CFA 1-13)</p>	<p>Common minke whale (Atlantic Canada and Eastern Arctic) Gray seal (Western North Atlantic) Harbor porpoise (Newfoundland) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)</p>	<p>Common minke whale (Atlantic Canada and Eastern Arctic): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Newfoundland): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0</p>	

Target Species or Product	Gear Type	Number of Vessels/ Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Amer. plaice(=Long rough dab) (Hippoglossoides platessoides), Atlantic cod (Gadus morhua), Atlantic halibut (Hippoglossus hippoglossus), Greenland halibut (Reinhardtius hippoglossoides), Haddock (Melanogrammus aeglefinus), Starry ray (Raja radiata), White hake (Urophycis tenuis), Witch flounder (Glyptocephalus cynoglossus), Yellowtail flounder (Limanda ferruginea)	Longlines (not specified), (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: 68, Aquaculture Facilities: none provided	High Seas,EEZ,(FAO:21 Atlantic Northwest),21.2.G, 21.2.H, 21.2.J, 21.3.K, 21.3.L, 21.3.M, 21.3.N, 21.3.O,Newfoundland and Labrador Region (2+3KLMNO)	Common minke whale (Atlantic Canada and Eastern Arctic) Gray seal (Western North Atlantic) Harbor porpoise (Newfoundland) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Ringed seal (Arctic & Labrador)	Common minke whale (Atlantic Canada and Eastern Arctic): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Newfoundland): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Ringed seal (Arctic & Labrador): 0	NAFO
Amer. plaice(=Long rough dab) (Hippoglossoides platessoides), American angler (Lophius americanus), Atlantic cod (Gadus morhua), Atlantic halibut (Hippoglossus hippoglossus), Blue shark (Prionace glauca), Cunner (Tautoglabrus adspersus), Dogfish sharks nei (Squalidae), Greater argentine (Argentina silus), Greenland cod (Gadus ogac), Greenland halibut (Reinhardtius hippoglossoides), Haddock (Melanogrammus aeglefinus), Hagfish (Myxine glutinosa), Ling (Molva molva), Lumpfish(=Lumpsucker) (Cyclopterus lumpus), Mako sharks (Isurus spp), Ocean pout (Macrozoarces americanus), Polar cod (Boreogadus saida), Porbeagle (Lamna nasus), Red hake (Urophycis chuss), Redfish (Centroberyx affinis), Roughhead grenadier (Macrourus berglax), Roundnose grenadier (Coryphaenoides rupestris), Saithe(=Pollock) (Pollachius virens), Saithe(=Pollock) (Pollachius virens), Sandeels(=Sandlances) nei (Ammodytes spp), Sculpins (Myoxocephalus spp), Silver hake (Merluccius bilinearis), Thresher sharks nei (Alopias spp), Tusk(=Cusk) (Brosme brosme), White hake (Urophycis tenuis), Winter flounder (Pseudopleuronectes americanus), Witch flounder (Glyptocephalus cynoglossus), Wolffishes(=Catfishes) nei (Anarhichas spp), Yellowtail flounder (Limanda ferruginea)	Set gillnets/set nets (anchored), (Bottom)	Number of Vessels: none provided, Licenses: 16, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.4.V, 21.4.W,Maritimes Region (4VV)- Pollock	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Blainville's beaked whale (Western North Atlantic) Blue whale (Western North Atlantic) Common bottlenose dolphin (Western North Atlantic) Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Dwarf sperm whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (Northwest Atlantic/Eastern Arctic) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Pygmy sperm whale (Western North Atlantic) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Short-finned pilot whale (Western North Atlantic) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) Striped dolphin (Western North Atlantic) True's beaked whale (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Blainville's beaked whale (Western North Atlantic): 0 Blue whale (Western North Atlantic): 0 Common bottlenose dolphin (Western North Atlantic): 0 Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): 0 Dwarf sperm whale (Western North Atlantic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (Northwest Atlantic/Eastern Arctic): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 North Atlantic right whale (Western North Atlantic): 0 Northern bottlenose whale (Scotian Shelf): 0 Pygmy sperm whale (Western North Atlantic): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Short-finned pilot whale (Western North Atlantic): 0 Sowerby's beaked whale (Western North Atlantic): 0 Sperm whale, cachalot (Western North Atlantic): 0 Striped dolphin (Western North Atlantic): 0 True's beaked whale (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0	
Atlantic tomcod (Microgadus tomcod), Smelts nei (Osmerus spp, Hypomesus spp)	Set gillnets/set nets (anchored), (Bottom)	Number of Vessels: none provided, Licenses: 333, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),Maritimes Region (NS, NB)	Gray seal (Western North Atlantic) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic)	Gray seal (Western North Atlantic): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0	
Silver hake (Merluccius bilinearis)	Midwater trawls (not specified), (Midwater), Otter trawls (not specified), (Midwater)	Number of Vessels: none provided, Licenses: none provided, Participants: 1, Aquaculture Facilities: none provided	High Seas,EEZ,(FAO:21 Atlantic Northwest),21.3.N, 21.3.O, 21.3.P.s,Newfoundland and Labrador Region (3NOPs) EXPLORATORY	Common minke whale (Atlantic Canada and Eastern Arctic) Gray seal (Western North Atlantic) Harbor porpoise (Newfoundland) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Common minke whale (Atlantic Canada and Eastern Arctic): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Newfoundland): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0	

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Herrings/sardines nei (Clupeidae)	Purse seines, (Pelagic)	Number of Vessels: 490, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.4.T, 21.4.V.n,Gulf Region (4TVn) Fall	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Beluga, white whale (St. Lawrence Estuary) Blue whale (Western North Atlantic) Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (UNKNOWN) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Beluga, white whale (St. Lawrence Estuary): 0 Blue whale (Western North Atlantic): 0 Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (UNKNOWN): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 North Atlantic right whale (Western North Atlantic): 0 Northern bottlenose whale (Scotian Shelf): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Sowerby's beaked whale (Western North Atlantic): 0 Sperm whale, cachalot (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0	
Dungeness crab (Cancer magister), Golden king crab (Lithodes aequispina), Octopuses nei (Octopus spp), Pacific rock crab (Cancer productus), Red king crab (Paralithodes camtschaticus)	Traps (not specified), (Bottom)	Number of Vessels: none provided, Licenses: 221, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:67 Pacific Northeast),Pacific Region (Areas 1 to 29, 121, 123 to 127, 101 to 111, 121, 123 to 127, 130, 142)	California sea lion (Pacific) Common minke whale (California/Oregon/Washington) Cuvier's beaked whale, goose-beaked whale (California/Oregon/Washington) Dall's porpoise, Dall porpoise (California/Oregon/Washington) Fin whale (California/Oregon/Washington) Gray whale (Pacific) Harbor porpoise (Pacific coast of Canada) Harbor seal, common seal (Pacific coast stock delineation in CAN unknown) Humpback whale (California/Oregon/Washington) Killer whale, orca (Pacific - Bigg's (Transient)) Killer whale, orca (Pacific - Northern Resident) Killer whale, orca (Pacific - Offshore) Killer whale, orca (Pacific - Southern Resident) Northern elephant seal (California Breeding) Northern fur seal (Eastern Pacific) Pacific white-sided dolphin (California/Oregon/Washington) Risso's dolphin, grampus (California/Oregon/Washington) Sea otter (Pacific Coast of Canada) Sperm whale, cachalot (California/Oregon/Washington) Steller sea lion, northern sea lion (Pacific)	California sea lion (Pacific): 0 Common minke whale (California/Oregon/Washington): 0 Cuvier's beaked whale, goose-beaked whale (California/Oregon/Washington): 0 Dall's porpoise, Dall porpoise (California/Oregon/Washington): 0 Fin whale (California/Oregon/Washington): 0 Gray whale (Pacific): 0 Harbor porpoise (Pacific coast of Canada): .2 Harbor seal, common seal (Pacific coast stock delineation in CAN unknown): 0 Humpback whale (California/Oregon/Washington): 0 Killer whale, orca (Pacific - Bigg's (Transient)): 0 Killer whale, orca (Pacific - Northern Resident): 0 Killer whale, orca (Pacific - Offshore): 0 Killer whale, orca (Pacific - Southern Resident): 0 Northern elephant seal (California Breeding): 0 Northern fur seal (Eastern Pacific): 0 Pacific white-sided dolphin (California/Oregon/Washington): 0 Risso's dolphin, grampus (California/Oregon/Washington): 0 Sea otter (Pacific Coast of Canada): 0 Sperm whale, cachalot (California/Oregon/Washington): 0 Steller sea lion, northern sea lion (Pacific): 0	

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Coonstripe shrimp (<i>Pandalus hypsinotus</i>), Humpback shrimp (<i>Metapenaeopsis lamellata</i>), Octopuses <i>nei</i> (<i>Octopus</i> spp), Spot shrimp (<i>Pandalus platyceros</i>)	Traps (not specified), (Bottom)	Number of Vessels: unknown, Licenses: 246, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:67 Pacific Northeast),Pacific Region (Areas 1 to 29, 101 to 111, 121, 123 to 127, 130, 142)	Baird's beaked whale (California/Oregon/Washington) California sea lion (Pacific) Common minke whale (California/Oregon/Washington) Cuvier's beaked whale, goose-beaked whale (California/Oregon/Washington) Dall's porpoise, Dall porpoise (California/Oregon/Washington) Fin whale (California/Oregon/Washington) Gray whale (Pacific) Harbor porpoise (Pacific coast of Canada) Harbor seal, common seal (Pacific coast stock delineation in CAN unknown) Humpback whale (California/Oregon/Washington) Killer whale, orca (Pacific - Bigg's (Transient)) Killer whale, orca (Pacific - Northern Resident) Killer whale, orca (Pacific - Offshore) Killer whale, orca (Pacific - Southern Resident) Northern elephant seal (California Breeding) Northern fur seal (Eastern Pacific) Pacific white-sided dolphin (California/Oregon/Washington) Risso's dolphin, grampus (California/Oregon/Washington) Sea otter (Pacific Coast of Canada) Sperm whale, cachalot (California/Oregon/Washington) Steller sea lion, northern sea lion (Pacific)	Baird's beaked whale (California/Oregon/Washington): 0 California sea lion (Pacific): 0 Common minke whale (California/Oregon/Washington): 0 Cuvier's beaked whale, goose-beaked whale (California/Oregon/Washington): 0 Dall's porpoise, Dall porpoise (California/Oregon/Washington): 0 Fin whale (California/Oregon/Washington): 0 Gray whale (Pacific): 0 Harbor porpoise (Pacific coast of Canada): 0 Harbor seal, common seal (Pacific coast stock delineation in CAN unknown): 0 Humpback whale (California/Oregon/Washington): 0 Killer whale, orca (Pacific - Bigg's (Transient)): 0 Killer whale, orca (Pacific - Northern Resident): 0 Killer whale, orca (Pacific - Offshore): 0 Killer whale, orca (Pacific - Southern Resident): 0 Northern elephant seal (California Breeding): 0 Northern fur seal (Eastern Pacific): 0 Pacific white-sided dolphin (California/Oregon/Washington): 0 Risso's dolphin, grampus (California/Oregon/Washington): 0 Sea otter (Pacific Coast of Canada): 0 Sperm whale, cachalot (California/Oregon/Washington): 0 Steller sea lion, northern sea lion (Pacific): 0	
Amer. plaice(=Long rough dab) (<i>Hippoglossoides platessoides</i>), Atlantic cod (<i>Gadus morhua</i>), Atlantic halibut (<i>Hippoglossus hippoglossus</i>), Greenland halibut (<i>Reinhardtius hippoglossoides</i>), White hake (<i>Urophycis tenuis</i>)	Longlines (not specified), (Bottom)	Number of Vessels: none provided, Licenses: 10 groundfish licence holders who directed their fishery for Atlantic cod with longlines in 2018. , Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.3.P.n, 21.4.R, 21.4.S,Quebec Region (3Pn4RS)	Atlantic bearded seal (Arctic/Labrador) Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Beluga, white whale (St. Lawrence Estuary) Blue whale (Western North Atlantic) Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Common minke whale (Atlantic Canada and Eastern Arctic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (UNKNOWN) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Ringed seal (Arctic & Labrador) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Sperm whale, cachalot (Western North Atlantic) Striped dolphin (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic bearded seal (Arctic/Labrador): 0 Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Beluga, white whale (St. Lawrence Estuary): 0 Blue whale (Western North Atlantic): 0 Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 1 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (UNKNOWN): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 North Atlantic right whale (Western North Atlantic): 0 Ringed seal (Arctic & Labrador): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Sperm whale, cachalot (Western North Atlantic): 0 Striped dolphin (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0	

Target Species or Product	Gear Type	Number of Vessels/ Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
<p>Amer. plaice(=Long rough dab) (Hippoglossoides platessoides), American angler (Lophius americanus), Atlantic cod (Gadus morhua), Atlantic halibut (Hippoglossus hippoglossus), Atlantic redfishes nei (Sebastes spp), Atlantic searobins (Prionotus spp), Blue shark (Prionace glauca), Cunner (Tautogolabrus adspersus), Dogfish sharks nei (Squalidae), Greater argentine (Argentina silus), Greenland cod (Gadus ogac), Greenland halibut (Reinhardtius hippoglossoides), Haddock (Melanogrammus aeglefinus), Hagfish (Myxine glutinosa), Ling (Molva molva), Lumpfish(=Lumpsucker) (Cyclopterus lumpus), Mako sharks (Isurus spp), Ocean pout (Macrozoarces americanus), Polar cod (Boreogadus saida), Porbeagle (Lamna nasus), Raja rays nei (Raja spp), Red hake (Urophycis chuss), Roughhead grenadier (Macrourus berglax), Roundnose grenadier (Coryphaenoides rupestris), Saithe(=Pollock) (Pollachius virens), Sandeels(=Sandlances) nei (Ammodytes spp), Sculpins (Myoxocephalus spp), Silver hake (Merluccius bilinearis), Spiny dogfish (Squalus acanthias), Thresher sharks nei (Alopias spp), Tusk(=Cusk) (Brosme brosme), White hake (Urophycis tenuis), Winter flounder (Pseudopleuronectes americanus), Witch flounder (Glyptocephalus cynoglossus), Wolffishes(=Catfishes) nei (Anarhichas spp), Yellowtail flounder (Limanda ferruginea)</p>	<p>Longlines (not specified), (Pelagic)</p>	<p>Number of Vessels: none provided, Licenses: 0, Participants: none provided, Aquaculture Facilities: none provided</p>	<p>EEZ,(FAO:21 Atlantic Northwest),Maritimes Region- Spiny Dogfish</p>	<p>Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Blainville's beaked whale (Western North Atlantic) Blue whale (Western North Atlantic) Common bottlenose dolphin (Western North Atlantic) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Dwarf sperm whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (Northwest Atlantic/Eastern Arctic) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Pygmy sperm whale (Western North Atlantic) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Short-finned pilot whale (Western North Atlantic) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) Striped dolphin (Western North Atlantic) True's beaked whale (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)</p>	<p>Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Blainville's beaked whale (Western North Atlantic): 0 Blue whale (Western North Atlantic): 0 Common bottlenose dolphin (Western North Atlantic): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): 0 Dwarf sperm whale (Western North Atlantic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (Northwest Atlantic/Eastern Arctic): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 North Atlantic right whale (Western North Atlantic): 0 Northern bottlenose whale (Scotian Shelf): 0 Pygmy sperm whale (Western North Atlantic): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Short-finned pilot whale (Western North Atlantic): 0 Sowerby's beaked whale (Western North Atlantic): 0 Sperm whale, cachalot (Western North Atlantic): 0 Striped dolphin (Western North Atlantic): 0 True's beaked whale (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0</p>	
<p>Amer. plaice(=Long rough dab) (Hippoglossoides platessoides), American angler (Lophius americanus), Atlantic cod (Gadus morhua), Atlantic cod (Gadus morhua), Atlantic halibut (Hippoglossus hippoglossus), Atlantic redfishes nei (Sebastes spp), Atlantic searobins (Prionotus spp), Blue shark (Prionace glauca), Cunner (Tautogolabrus adspersus), Dogfish sharks nei (Squalidae), Greater argentine (Argentina silus), Greenland cod (Gadus ogac), Greenland halibut (Reinhardtius hippoglossoides), Haddock (Melanogrammus aeglefinus), Hagfish (Myxine glutinosa), Ling (Molva molva), Lumpfish(=Lumpsucker) (Cyclopterus lumpus), Mako sharks (Isurus spp), Ocean pout (Macrozoarces americanus), Polar cod (Boreogadus saida), Porbeagle (Lamna nasus), Raja rays nei (Raja spp), Red hake (Urophycis chuss), Roughhead grenadier (Macrourus berglax), Roundnose grenadier (Coryphaenoides rupestris), Saithe(=Pollock) (Pollachius virens), Sandeels(=Sandlances) nei (Ammodytes spp), Sculpins (Myoxocephalus spp), Silver hake (Merluccius bilinearis), Thresher sharks nei (Alopias spp), Tusk(=Cusk) (Brosme brosme), White hake (Urophycis tenuis), Winter flounder (Pseudopleuronectes americanus), Witch flounder (Glyptocephalus cynoglossus), Wolffishes(=Catfishes) nei (Anarhichas spp), Yellowtail flounder (Limanda ferruginea)</p>	<p>Longlines (not specified), (Pelagic)</p>	<p>Number of Vessels: none provided, Licenses: 7, Participants: none provided, Aquaculture Facilities: none provided</p>	<p>EEZ,(FAO:21 Atlantic Northwest),21.5.Z,Maritimes Region (5Z)- Atlantic cod</p>	<p>Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Blainville's beaked whale (Western North Atlantic) Blue whale (Western North Atlantic) Common bottlenose dolphin (Western North Atlantic) Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Dwarf sperm whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (Northwest Atlantic/Eastern Arctic) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf)Pygmy sperm whale (Western North Atlantic) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Short-finned pilot whale (Western North Atlantic) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) Striped dolphin (Western North Atlantic) True's beaked whale (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)</p>	<p>Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Blainville's beaked whale (Western North Atlantic): 0 Blue whale (Western North Atlantic): 0 Common bottlenose dolphin (Western North Atlantic): 0 Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): 0 Dwarf sperm whale (Western North Atlantic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (Northwest Atlantic/Eastern Arctic): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 North Atlantic right whale (Western North Atlantic): 0 Northern bottlenose whale (Scotian Shelf): 0 Pygmy sperm whale (Western North Atlantic): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Short-finned pilot whale (Western North Atlantic): 0 Sowerby's beaked whale (Western North Atlantic): 0 Sperm whale, cachalot (Western North Atlantic): 0 Striped dolphin (Western North Atlantic): 0 True's beaked whale (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0</p>	

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Amer. plaice(=Long rough dab) (Hippoglossoides platessoides), Atlantic cod (Gadus morhua), Atlantic halibut (Hippoglossus hippoglossus), Atlantic redfishes nei (Sebastes spp), Greenland halibut (Reinhardtius hippoglossoides), White hake (Urophycis tenuis), Winter flounder (Pseudopleuronectes americanus), Witch flounder (Glyptocephalus cynoglossus), Yellowtail flounder (Limanda ferruginea)	Longlines (not specified), (Bottom)	Number of Vessels: 1272, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.4.R, 21.4.S, 21.4.T,Gulf Region – 4RST (Directed fishery is Atl. Halibut, all other species are by-catch only)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Beluga, white whale (St. Lawrence Estuary) Blue whale (Western North Atlantic) Common dolphin (California/Oregon/Washington) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (UNKNOWN) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Beluga, white whale (St. Lawrence Estuary): 0 Blue whale (Western North Atlantic): 0 Common dolphin (California/Oregon/Washington): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (UNKNOWN): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 North Atlantic right whale (Western North Atlantic): 0 Northern bottlenose whale (Scotian Shelf): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Sowerby's beaked whale (Western North Atlantic): 0 Sperm whale, cachalot (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0	
Amer. plaice(=Long rough dab) (Hippoglossoides platessoides), Atlantic cod (Gadus morhua), Atlantic halibut (Hippoglossus hippoglossus), Greenland halibut (Reinhardtius hippoglossoides), White hake (Urophycis tenuis)	Longlines (not specified), (Bottom)	Number of Vessels: none provided, Licenses: 384 groundfish licence holders (see comments), Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.4.R, 21.4.S, 21.4.T,Quebec Region (4RST)	Atlantic bearded seal (Arctic/Labrador) Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Beluga, white whale (St. Lawrence Estuary) Blue whale (Western North Atlantic) Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Common minke whale (Atlantic Canada and Eastern Arctic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (UNKNOWN) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Ringed seal (Arctic & Labrador) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Sperm whale, cachalot (Western North Atlantic) Striped dolphin (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic bearded seal (Arctic/Labrador): 0 Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Beluga, white whale (St. Lawrence Estuary): 0 Blue whale (Western North Atlantic): 0 Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (UNKNOWN): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 North Atlantic right whale (Western North Atlantic): 0 Ringed seal (Arctic & Labrador): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Sperm whale, cachalot (Western North Atlantic): 0 Striped dolphin (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0	
Atlantic herring (Clupea harengus)	Set gillnets/set nets (anchored), (Pelagic)	Number of Vessels: none provided, Licenses: none provided, Participants: 40, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.2.G, 21.2.H, 21.2.J, 21.3.K, 21.3.L, 21.3.P.n, 21.3.P.s, 21.4.R,Newfoundland and Labrador Region (2J3KLPs, 4R3Pn)	Common minke whale (Atlantic Canada and Eastern Arctic) Gray seal (Western North Atlantic) Harbor porpoise (Newfoundland) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Ringed seal (Arctic & Labrador)	Common minke whale (Atlantic Canada and Eastern Arctic): .2 Gray seal (Western North Atlantic): 0 Harbor porpoise (Newfoundland): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Ringed seal (Arctic & Labrador): 0	

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Atlantic herring (<i>Clupea harengus</i>)	Purse seines, (Pelagic)	Number of Vessels: none provided, Licenses: none provided, Participants: 32, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.2.J, 21.3.K, 21.3.L, 21.3.P.n, 21.3.P.s, 21.4.R,Newfoundland and Labrador Region (2J3KLPs, 4R3Pn)	Common minke whale (Atlantic Canada and Eastern Arctic) Gray seal (Western North Atlantic) Harbor porpoise (Newfoundland) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Ringed seal (Arctic & Labrador)	Common minke whale (Atlantic Canada and Eastern Arctic): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Newfoundland): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Ringed seal (Arctic & Labrador): 0	RFMO
Albacore (<i>Thunnus alalunga</i>), Atlantic bluefin tuna (<i>Thunnus thynnus</i>), Atlantic white marlin (<i>Tetrapturus albidus</i>), Bigeye tuna (<i>Thunnus obesus</i>), Blue marlin (<i>Makaira nigricans</i>), Blue shark (<i>Prionace glauca</i>), Common dolphinfish (<i>Coryphaena hippurus</i>), Opah (<i>Lampris guttatus</i>), Porbeagle (<i>Lamna nasus</i>), Shortfin mako (<i>Isurus oxyrinchus</i>), Skipjack tuna (<i>Katsuwonus pelamis</i>), Swordfish (<i>Xiphias gladius</i>), Wahoo (<i>Acanthocybium solandri</i>), Yellowfin tuna (<i>Thunnus albacares</i>)	Longlines (not specified), (Bottom)	Number of Vessels: none provided, Licenses: 77, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),Maritimes Region (3, 4, 5 (exception 4RST and Bay of Fundy))	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Blainville's beaked whale (Western North Atlantic) Blue whale (Western North Atlantic) Common bottlenose dolphin (Western North Atlantic) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Dwarf sperm whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (Northwest Atlantic/Eastern Arctic) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Pygmy sperm whale (Western North Atlantic) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Short-finned pilot whale (Western North Atlantic) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) Striped dolphin (Western North Atlantic) True's beaked whale (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Blainville's beaked whale (Western North Atlantic): 0 Blue whale (Western North Atlantic): 0 Common bottlenose dolphin (Western North Atlantic): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): 0 Dwarf sperm whale (Western North Atlantic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (Northwest Atlantic/Eastern Arctic): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 North Atlantic right whale (Western North Atlantic): 0 Northern bottlenose whale (Scotian Shelf): 0 Pygmy sperm whale (Western North Atlantic): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Short-finned pilot whale (Western North Atlantic): 0 Sowerby's beaked whale (Western North Atlantic): 0 Sperm whale, cachalot (Western North Atlantic): 0 Striped dolphin (Western North Atlantic): 0 True's beaked whale (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0	ICCAT

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
<p>Amer. plaice(=Long rough dab) (<i>Hippoglossoides platessoides</i>), American angler (<i>Lophius americanus</i>), Atlantic cod (<i>Gadus morhua</i>), Atlantic halibut (<i>Hippoglossus hippoglossus</i>), Atlantic redfishes nei (<i>Sebastes</i> spp), Atlantic searobins (<i>Prionotus</i> spp), Blue shark (<i>Prionace glauca</i>), Cunner (<i>Tautogolabrus adspersus</i>), Dogfish sharks nei (<i>Squalidae</i>), Greater argentine (<i>Argentina silus</i>), Greenland cod (<i>Gadus ogac</i>), Greenland halibut (<i>Reinhardtius hippoglossoides</i>), Haddock (<i>Melanogrammus aeglefinus</i>), Hagfish (<i>Myxine glutinosa</i>), Ling (<i>Molva molva</i>), Lumpfish(=Lumpsucker) (<i>Cyclopterus lumpus</i>), Mako sharks (<i>Isurus</i> spp), Ocean pout (<i>Macrozoarces americanus</i>), Polar cod (<i>Boreogadus saida</i>), Porbeagle (<i>Lamna nasus</i>), Raja rays nei (<i>Raja</i> spp), Red hake (<i>Urophycis chuss</i>), Roughhead grenadier (<i>Macrourus berglax</i>), Roundnose grenadier (<i>Coryphaenoides rupestris</i>), Saithe(=Pollock) (<i>Pollachius virens</i>), Saithe(=Pollock) (<i>Pollachius virens</i>), Sandeels(=Sandlances) nei (<i>Ammodytes</i> spp), Sculpins (<i>Myoxocephalus</i> spp), Silver hake (<i>Merluccius bilinearis</i>), Thresher sharks nei (<i>Alopias</i> spp), Tusk(=Cusk) (<i>Brosme brosme</i>), White hake (<i>Urophycis tenuis</i>), Winter flounder (<i>Pseudopleuronectes americanus</i>), Witch flounder (<i>Glyptocephalus cynoglossus</i>), Wolffishes(=Catfishes) nei (<i>Anarhichas</i> spp), Yellowtail flounder (<i>Limanda ferruginea</i>)</p>	<p>Longlines (not specified), (Pelagic)</p>	<p>Number of Vessels: none provided, Licenses: 291, Participants: none provided, Aquaculture Facilities: none provided</p>	<p>EEZ,(FAO:21 Atlantic Northwest),21.4.V, 21.4.W,Maritimes Region (4VW)- Pollock</p>	<p>Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Blainville's beaked whale (Western North Atlantic) Blue whale (Western North Atlantic) Common bottlenose dolphin (Western North Atlantic) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Dwarf sperm whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (Northwest Atlantic/Eastern Arctic) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Pygmy sperm whale (Western North Atlantic) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Short-finned pilot whale (Western North Atlantic) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) Striped dolphin (Western North Atlantic) True's beaked whale (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)</p>	<p>Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Blainville's beaked whale (Western North Atlantic): 0 Blue whale (Western North Atlantic): 0 Common bottlenose dolphin (Western North Atlantic): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): 0 Dwarf sperm whale (Western North Atlantic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (Northwest Atlantic/Eastern Arctic): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 North Atlantic right whale (Western North Atlantic): 0 Northern bottlenose whale (Scotian Shelf): 0 Pygmy sperm whale (Western North Atlantic): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Short-finned pilot whale (Western North Atlantic): 0 Sowerby's beaked whale (Western North Atlantic): 0 Sperm whale, cachalot (Western North Atlantic): 0 Striped dolphin (Western North Atlantic): 0 True's beaked whale (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Newfoundland): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Ringed seal (Arctic & Labrador): 0</p>	
<p>American lobster (<i>Homarus americanus</i>)</p>	<p>Pots/traps, (Benthic)</p>	<p>Number of Vessels: none provided, Licenses: none provided, Participants: 1241, Aquaculture Facilities: none provided</p>	<p>EEZ,(FAO:21 Atlantic Northwest),21.2.G, 21.2.H, 21.2.J, 21.3.K, 21.3.L, 21.3.P, 21.3.P.n, 21.3.P.s, 21.4.R,Newfoundland and Labrador Region (LFA 1-14)</p>	<p>Common minke whale (Atlantic Canada and Eastern Arctic) Gray seal (Western North Atlantic) Harbor porpoise (Newfoundland) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Ringed seal (Arctic & Labrador)</p>		

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
<p>Amer. plaice(=Long rough dab) (Hippoglossoides platessoides), American angler (Lophius americanus), Atlantic cod (Gadus morhua), Atlantic halibut (Hippoglossus hippoglossus), Atlantic redfishes nei (Sebastes spp), Atlantic redfishes nei (Sebastes spp), Atlantic searobins (Prionotus spp), Cunner (Tautogolabrus adspersus), Dogfish sharks nei (Squalidae), Greater argentine (Argentina silus), Greenland cod (Gadus ogac), Greenland halibut (Reinhardtius hippoglossoides), Haddock (Melanogrammus aeglefinus), Hagfish (Myxine glutinosa), Ling (Molva molva), Lumpfish(=Lumpsucker) (Cyclopterus lumpus), Ocean pout (Macrozoarces americanus), Polar cod (Boreogadus saida), Raja rays nei (Raja spp), Red hake (Urophycis chuss), Roughhead grenadier (Macrourus berglax), Roundnose grenadier (Coryphaenoides rupestris), Saithe(=Pollock) (Pollachius virens), Sandeels(=Sandlances) nei (Ammodytes spp), Sculpins (Myoxocephalus spp), Silver hake (Merluccius bilinearis), Tusk(=Cusk) (Brosme brosme), White hake (Urophycis tenuis), Winter flounder (Pseudopleuronectes americanus), Witch flounder (Glyptocephalus cynoglossus), Wolffishes(=Catfishes) nei (Anarhichas spp), Yellowtail flounder (Limanda ferruginea)</p>	<p>Midwater trawls (not specified), (Midwater)</p>	<p>Number of Vessels: none provided, Licenses: 57, Participants: none provided, Aquaculture Facilities: none provided</p>	<p>EEZ,(FAO:21 Atlantic Northwest),Maritimes Region – Unit 3- Redfish</p>	<p>Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Blainville's beaked whale (Western North Atlantic) Blue whale (Western North Atlantic) Common bottlenose dolphin (Western North Atlantic) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Dwarf sperm whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (Northwest Atlantic/Eastern Arctic) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Pygmy sperm whale (Western North Atlantic) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Short-finned pilot whale (Western North Atlantic) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) Striped dolphin (Western North Atlantic) True's beaked whale (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)</p>	<p>Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Blainville's beaked whale (Western North Atlantic): 0 Blue whale (Western North Atlantic): 0 Common bottlenose dolphin (Western North Atlantic): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): 0 Dwarf sperm whale (Western North Atlantic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (Northwest Atlantic/Eastern Arctic): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 North Atlantic right whale (Western North Atlantic): 0 Northern bottlenose whale (Scotian Shelf): 0 Pygmy sperm whale (Western North Atlantic): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Short-finned pilot whale (Western North Atlantic): 0 Sowerby's beaked whale (Western North Atlantic): 0 Sperm whale, cachalot (Western North Atlantic): 0 Striped dolphin (Western North Atlantic): 0 True's beaked whale (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0</p>	
<p>Groundfishes nei (Osteichthyes), North Pacific hake (Merluccius productus)</p>	<p>Midwater trawls (not specified), (Midwater)</p>	<p>Number of Vessels: 53 active vessels, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided</p>	<p>EEZ,(FAO:67 Pacific Northeast),Pacific Region, with the exception of closed areas (subject to change in-season).</p>	<p>Baird's beaked whale (California/Oregon/Washington) Blue whale (Eastern North Pacific) California sea lion (Pacific) Common minke whale (California/Oregon/Washington) Cuvier's beaked whale, goose-beaked whale (California/Oregon/Washington) Dall's porpoise, Dall porpoise (California/Oregon/Washington) Fin whale (California/Oregon/Washington) Gray whale (Pacific) Harbor porpoise (Pacific coast of Canada) Harbor seal, common seal (Pacific coast stock delineation in CAN unknown) Humpback whale (California/Oregon/Washington) Killer whale, orca (Pacific - Bigg's (Transient)) Killer whale, orca (Pacific - Northern Resident) Killer whale, orca (Pacific - Offshore) Killer whale, orca (Pacific - Southern Resident) Northern elephant seal (California Breeding) Northern fur seal (Eastern Pacific) Northern right-whale dolphin (California/Oregon/Washington) Pacific white-sided dolphin (California/Oregon/Washington) Risso's dolphin, grampus (California/Oregon/Washington) Sea lion unspecified (Pacific) Sea otter (Pacific Coast of Canada) Sei whale (Eastern North Pacific) Short-finned pilot whale (California/Oregon/Washington) Sperm whale, cachalot (California/Oregon/Washington) Steller sea lion, northern sea lion (Pacific)</p>	<p>Baird's beaked whale (California/Oregon/Washington): 0 Blue whale (Eastern North Pacific): 0 California sea lion (Pacific): 4 Common minke whale (California/Oregon/Washington): 0 Cuvier's beaked whale, goose-beaked whale (California/Oregon/Washington): 0 Dall's porpoise, Dall porpoise (California/Oregon/Washington): 0 Fin whale (California/Oregon/Washington): 0 Gray whale (Pacific): 0 Harbor porpoise (Pacific coast of Canada): 0 Harbor seal, common seal (Pacific coast stock delineation in CAN unknown): .4 Humpback whale (California/Oregon/Washington): .2 Killer whale, orca (Pacific - Bigg's (Transient)): 0 Killer whale, orca (Pacific - Northern Resident): 0 Killer whale, orca (Pacific - Offshore): 0 Killer whale, orca (Pacific - Southern Resident): 0 Northern elephant seal (California Breeding): 0 Northern fur seal (Eastern Pacific): 0 Northern right-whale dolphin (California/Oregon/Washington): 0 Pacific white-sided dolphin (California/Oregon/Washington): .6 Risso's dolphin, grampus (California/Oregon/Washington): 0 Sea lion unspecified (Pacific): .6 Sea otter (Pacific Coast of Canada): 0 Sei whale (Eastern North Pacific): 0 Short-finned pilot whale (California/Oregon/Washington): 0 Sperm whale, cachalot (California/Oregon/Washington): 0 Steller sea lion, northern sea lion (Pacific): 14.2</p>	

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Greenland halibut (<i>Reinhardtius hippoglossoides</i>)	Trawls (not specified), (Bottom)	Number of Vessels: 6, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.0.A, 21.0.B,Central and Arctic Region (Subarea 0)	Atlantic bearded seal (Arctic/Labrador) Atlantic walrus (Baffin Bay) Atlantic walrus (Hoare Bay & Hudson Bay/Davis Strait) Atlantic walrus (Penny Strait/Lancaster Sound) Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Beluga, white whale (Cumberland Sound) Beluga, white whale (High Arctic) Beluga, white whale (Ungava Bay) Blue whale (Western North Atlantic) Bowhead whale, Greenland whale (Eastern Canada - West Greenland) Common minke whale (Atlantic Canada and Eastern Arctic) Fin whale (West Greenland) Gray seal (Western North Atlantic) Harbor porpoise (Newfoundland) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (West Greenland) Killer whale, orca (Northwest Atlantic/Eastern Arctic) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Narwhal (East Baffin) Narwhal (Eclipse Sound) Narwhal (Jones Sound) Narwhal (Northern Hudson Bay) Narwhal (Smith Sound) Northern bottlenose whale (Davis Strait/Baffin Bay/Labrador Sea) Ringed seal (Arctic & Labrador) Seal unspecified (STOCK NOT SPECIFIED) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Sperm whale, cachalot (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic bearded seal (Arctic/Labrador): 0 Atlantic walrus (Baffin Bay): 0 Atlantic walrus (Hoare Bay & Hudson Bay/Davis Strait): 0 Atlantic walrus (Penny Strait/Lancaster Sound): 0 Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Beluga, white whale (Cumberland Sound): 0 Beluga, white whale (High Arctic): 0 Beluga, white whale (Ungava Bay): 0 Blue whale (Western North Atlantic): 0 Bowhead whale, Greenland whale (Eastern Canada - West Greenland): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Fin whale (West Greenland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Newfoundland): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (West Greenland): 0 Killer whale, orca (Northwest Atlantic/Eastern Arctic): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Narwhal (East Baffin): 0 Narwhal (Eclipse Sound): 0 Narwhal (Jones Sound): 0 Narwhal (Northern Hudson Bay): 0 Narwhal (Smith Sound): 0 Northern bottlenose whale (Davis Strait/Baffin Bay/Labrador Sea): 0 Ringed seal (Arctic & Labrador): 0 Seal unspecified (STOCK NOT SPECIFIED): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Sperm whale, cachalot (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0	
Hagfish (<i>Myxine glutinosa</i>)	Barrel traps, (Bottom)	Number of Vessels: 0, Licenses: 0, Participants: 0, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.3.P.s,Newfoundland and Labrador Region (3Ps) EXPLORATORY	Common minke whale (Atlantic Canada and Eastern Arctic) Harbor porpoise (Newfoundland) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Common minke whale (Atlantic Canada and Eastern Arctic): 0 Harbor porpoise (Newfoundland): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0	
Herrings/sardines nei (<i>Clupeidae</i>)	Fixed gillnets (on stakes), (Pelagic), Set gillnets/set nets (anchored), (Pelagic)	Number of Vessels: 490, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.4.T, 21.4.V.n,Gulf Region (4TVn) Fall	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Beluga, white whale (St. Lawrence Estuary) Blue whale (Western North Atlantic) Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (UNKNOWN) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Beluga, white whale (St. Lawrence Estuary): 0 Blue whale (Western North Atlantic): 0 Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (UNKNOWN): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 North Atlantic right whale (Western North Atlantic): 0 Northern bottlenose whale (Scotian Shelf): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Sowerby's beaked whale (Western North Atlantic): 0 Sperm whale, cachalot (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0	
Common periwinkle (<i>Littorina littorea</i>)	Unknown/Gear not known/Not provided, (Surface)	UNKNOWN	EEZ,(FAO:21 Atlantic Northwest),Newfoundland and Labrador Region - UPCOMING FISHERY			

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Atlantic mackerel (<i>Scomber scombrus</i>)	Gillnets and entangling nets (not specified), (Pelagic)	Number of Vessels: none provided, Licenses: none provided, Participants: 4, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.2.J, 21.3.K, 21.3.L, 21.3.P.n, 21.3.P.s, 21.4.R,Newfoundland and Labrador Region (2J3KLPs & 4R3Pn)	Common minke whale (Atlantic Canada and Eastern Arctic) Gray seal (Western North Atlantic) Harbor porpoise (Newfoundland) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Ringed seal (Arctic & Labrador)	Common minke whale (Atlantic Canada and Eastern Arctic): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Newfoundland): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Ringed seal (Arctic & Labrador): 0	
Aesop shrimp (<i>Pandalus montagui</i>), Northern prawn (<i>Pandalus borealis</i>)	Pots/traps, (Bottom)	Number of Vessels: none provided, Licenses: 7, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),Maritimes Region (13, 14, 15, 16)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Blainville's beaked whale (Western North Atlantic) Blue whale (Western North Atlantic) Common bottlenose dolphin (Western North Atlantic) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Dwarf sperm whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (Northwest Atlantic/Eastern Arctic) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Pygmy sperm whale (Western North Atlantic) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Short-finned pilot whale (Western North Atlantic) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) Striped dolphin (Western North Atlantic) True's beaked whale (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Blainville's beaked whale (Western North Atlantic): 0 Blue whale (Western North Atlantic): 0 Common bottlenose dolphin (Western North Atlantic): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): 0 Dwarf sperm whale (Western North Atlantic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (Northwest Atlantic/Eastern Arctic): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 North Atlantic right whale (Western North Atlantic): 0 Northern bottlenose whale (Scotian Shelf): 0 Pygmy sperm whale (Western North Atlantic): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Short-finned pilot whale (Western North Atlantic): 0 Sowerby's beaked whale (Western North Atlantic): 0 Sperm whale, cachalot (Western North Atlantic): 0 Striped dolphin (Western North Atlantic): 0 True's beaked whale (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0	
Atlantic rock crab (<i>Cancer irroratus</i>)	Pots/traps, (Bottom)	Number of Vessels: none provided, Licenses: 32, 15 active in 2018, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.4.T,Quebec Region (Gaspé: 17, 12D1-12D7, 12E-12O, 12Q, 12W-12Z)	Atlantic bearded seal (Arctic/Labrador) Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Beluga, white whale (St. Lawrence Estuary) Blue whale (Western North Atlantic) Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Common minke whale (Atlantic Canada and Eastern Arctic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown))Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (UNKNOWN) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Ringed seal (Arctic & Labrador) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Sperm whale, cachalot (Western North Atlantic) Striped dolphin (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic bearded seal (Arctic/Labrador): 0 Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Beluga, white whale (St. Lawrence Estuary): 0 Blue whale (Western North Atlantic): 0 Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (UNKNOWN): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 North Atlantic right whale (Western North Atlantic): 0 Ringed seal (Arctic & Labrador): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Sperm whale, cachalot (Western North Atlantic): 0 Striped dolphin (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0	

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Atlantic rock crab (<i>Cancer irroratus</i>)	Pots/traps, (Bottom)	Number of Vessels: none provided, Licenses: 20, 6 active in 2018, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.4.S, 21.4.T,Quebec Region (North shore: 16B, 16B-1, 16A, 16D, 16E-1, 16E-2, 16G)	Atlantic bearded seal (Arctic/Labrador) Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Beluga, white whale (St. Lawrence Estuary) Blue whale (Western North Atlantic) Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Common minke whale (Atlantic Canada and Eastern Arctic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (UNKNOWN) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Ringed seal (Arctic & Labrador) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Sperm whale, cachalot (Western North Atlantic) Striped dolphin (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic bearded seal (Arctic/Labrador): 0 Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Beluga, white whale (St. Lawrence Estuary): 0 Blue whale (Western North Atlantic): 0 Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (UNKNOWN): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 North Atlantic right whale (Western North Atlantic): 0 Ringed seal (Arctic & Labrador): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Sperm whale, cachalot (Western North Atlantic): 0 Striped dolphin (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0	
Atlantic rock crab (<i>Cancer irroratus</i>)	Pots/traps, (Bottom)	Number of Vessels: none provided, Licenses: 14, 14 active in 2018, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.4.T,Quebec Region (Magdalen Islands : 12A, 12B, 12C)	Atlantic bearded seal (Arctic/Labrador) Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Beluga, white whale (St. Lawrence Estuary) Blue whale (Western North Atlantic) Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Common minke whale (Atlantic Canada and Eastern Arctic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (UNKNOWN) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Ringed seal (Arctic & Labrador) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Sperm whale, cachalot (Western North Atlantic) Striped dolphin (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic bearded seal (Arctic/Labrador): 0 Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Beluga, white whale (St. Lawrence Estuary): 0 Blue whale (Western North Atlantic): 0 Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (UNKNOWN): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 North Atlantic right whale (Western North Atlantic): 0 Ringed seal (Arctic & Labrador): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Sperm whale, cachalot (Western North Atlantic): 0 Striped dolphin (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0	

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Deep-sea red crab (<i>Chaceon affinis</i>)	Pots/traps, (Bottom)	Number of Vessels: none provided, Licenses: 2, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.4.W, 21.4.X, 21.5.Z,Maritimes Region (4X4W5Z)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Blainville's beaked whale (Western North Atlantic) Blue whale (Western North Atlantic) Common bottlenose dolphin (Western North Atlantic) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Dwarf sperm whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (Northwest Atlantic/Eastern Arctic) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Pygmy sperm whale (Western North Atlantic) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Short-finned pilot whale (Western North Atlantic) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) Striped dolphin (Western North Atlantic) True's beaked whale (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Blainville's beaked whale (Western North Atlantic): 0 Blue whale (Western North Atlantic): 0 Common bottlenose dolphin (Western North Atlantic): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): 0 Dwarf sperm whale (Western North Atlantic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (Northwest Atlantic/Eastern Arctic): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 North Atlantic right whale (Western North Atlantic): 0 Northern bottlenose whale (Scotian Shelf): 0 Pygmy sperm whale (Western North Atlantic): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Short-finned pilot whale (Western North Atlantic): 0 Sowerby's beaked whale (Western North Atlantic): 0 Sperm whale, cachalot (Western North Atlantic): 0 Striped dolphin (Western North Atlantic): 0 True's beaked whale (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0	
Snow crab (<i>Chionoecetes opilio</i>)	Pots/traps, (Bottom)	Number of Vessels: none provided, Licenses: 202, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),Maritimes Region (20, 21, 22, 23, 24, 4X)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Blainville's beaked whale (Western North Atlantic) Blue whale (Western North Atlantic) Common bottlenose dolphin (Western North Atlantic) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Dwarf sperm whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (Northwest Atlantic/Eastern Arctic) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic)Northern bottlenose whale (Scotian Shelf) Pygmy sperm whale (Western North Atlantic) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic))Short-finned pilot whale (Western North Atlantic) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) Striped dolphin (Western North Atlantic) True's beaked whale (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Blainville's beaked whale (Western North Atlantic): 0 Blue whale (Western North Atlantic): 0 Common bottlenose dolphin (Western North Atlantic): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): 0 Dwarf sperm whale (Western North Atlantic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (Northwest Atlantic/Eastern Arctic): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 North Atlantic right whale (Western North Atlantic): .05 Northern bottlenose whale (Scotian Shelf): 0 Pygmy sperm whale (Western North Atlantic): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Short-finned pilot whale (Western North Atlantic): 0 Sowerby's beaked whale (Western North Atlantic): 0 Sperm whale, cachalot (Western North Atlantic): 0 Striped dolphin (Western North Atlantic): 0 True's beaked whale (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0	

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Jonah crab (<i>Cancer borealis</i>)	Pots/traps, (Bottom)	Number of Vessels: none provided, Licenses: 5, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),Maritimes Region (LFA 38)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Blainville's beaked whale (Western North Atlantic) Blue whale (Western North Atlantic) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Dwarf sperm whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (Northwest Atlantic/Eastern Arctic) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Pygmy sperm whale (Western North Atlantic) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Short-finned pilot whale (Western North Atlantic) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) Striped dolphin (Western North Atlantic) True's beaked whale (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Blainville's beaked whale (Western North Atlantic): 0 Blue whale (Western North Atlantic): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): 0 Dwarf sperm whale (Western North Atlantic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (Northwest Atlantic/Eastern Arctic): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 North Atlantic right whale (Western North Atlantic): 0 Northern bottlenose whale (Scotian Shelf): 0 Pygmy sperm whale (Western North Atlantic): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Short-finned pilot whale (Western North Atlantic): 0 Sowerby's beaked whale (Western North Atlantic): 0 Sperm whale, cachalot (Western North Atlantic): 0 Striped dolphin (Western North Atlantic): 0 True's beaked whale (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0	
American lobster (<i>Homarus americanus</i>), Atlantic rock crab (<i>Cancer irroratus</i>), Green crab (<i>Carcinus maenas</i>), Jonah crab (<i>Cancer borealis</i>), Sculpins nei (<i>Cottidae</i>)	lobster traps, (Bottom)	Number of Vessels: none provided, Licenses: 94, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),Maritimes Region, Bay of Fundy (LFA 35)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Blainville's beaked whale (Western North Atlantic) Blue whale (Western North Atlantic) Common bottlenose dolphin (Western North Atlantic) Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Dwarf sperm whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (Northwest Atlantic/Eastern Arctic) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Pygmy sperm whale (Western North Atlantic) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Short-finned pilot whale (Western North Atlantic) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) Striped dolphin (Western North Atlantic) True's beaked whale (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Blainville's beaked whale (Western North Atlantic): 0 Blue whale (Western North Atlantic): 0 Common bottlenose dolphin (Western North Atlantic): 0 Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Common minke whale (Atlantic Canada and Eastern Arctic): .04 Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): 0 Dwarf sperm whale (Western North Atlantic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (Northwest Atlantic/Eastern Arctic): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 North Atlantic right whale (Western North Atlantic): 0 Northern bottlenose whale (Scotian Shelf): 0 Pygmy sperm whale (Western North Atlantic): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Short-finned pilot whale (Western North Atlantic): 0 Sowerby's beaked whale (Western North Atlantic): 0 Sperm whale, cachalot (Western North Atlantic): 0 Striped dolphin (Western North Atlantic): 0 True's beaked whale (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0	
American lobster (<i>Homarus americanus</i>), Atlantic rock crab (<i>Cancer irroratus</i>), Green crab (<i>Carcinus maenas</i>), Sculpins nei (<i>Cottidae</i>)	lobster traps, (Bottom)	Number of Vessels: none provided, Licenses: 14, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),Maritimes Region, Eastern Nova Scotia (LFA 28)	Gray seal (Western North Atlantic) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic)	Gray seal (Western North Atlantic): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0	

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
American lobster (<i>Homarus americanus</i>), Atlantic rock crab (<i>Cancer irroratus</i>), Green crab (<i>Carcinus maenas</i>), Sculpins nei (<i>Cottidae</i>)	lobster traps, (Bottom)	Number of Vessels: none provided, Licenses: 63, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),Maritimes Region, Eastern Nova Scotia (LFA 29)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Blainville's beaked whale (Western North Atlantic) Blue whale (Western North Atlantic) Common bottlenose dolphin (Western North Atlantic) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Dwarf sperm whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (Northwest Atlantic/Eastern Arctic) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Pygmy sperm whale (Western North Atlantic) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Short-finned pilot whale (Western North Atlantic) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) Striped dolphin (Western North Atlantic) True's beaked whale (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Blainville's beaked whale (Western North Atlantic): 0 Blue whale (Western North Atlantic): 0 Common bottlenose dolphin (Western North Atlantic): 0 Common minke whale (Atlantic Canada and Eastern Arctic): .04 Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): 0 Dwarf sperm whale (Western North Atlantic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (Northwest Atlantic/Eastern Arctic): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 North Atlantic right whale (Western North Atlantic): 0 Northern bottlenose whale (Scotian Shelf): 0 Pygmy sperm whale (Western North Atlantic): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Short-finned pilot whale (Western North Atlantic): 0 Sowerby's beaked whale (Western North Atlantic): 0 Sperm whale, cachalot (Western North Atlantic): 0 Striped dolphin (Western North Atlantic): 0 True's beaked whale (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0	
American lobster (<i>Homarus americanus</i>), Atlantic rock crab (<i>Cancer irroratus</i>), Green crab (<i>Carcinus maenas</i>), Sculpins nei (<i>Cottidae</i>)	lobster traps, (Bottom)	Number of Vessels: none provided, Licenses: 20, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),Maritimes Region, Eastern Nova Scotia (LFA 30)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Blainville's beaked whale (Western North Atlantic) Blue whale (Western North Atlantic) Common bottlenose dolphin (Western North Atlantic) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Dwarf sperm whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (Northwest Atlantic/Eastern Arctic) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Pygmy sperm whale (Western North Atlantic) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Short-finned pilot whale (Western North Atlantic) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) Striped dolphin (Western North Atlantic) True's beaked whale (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Blainville's beaked whale (Western North Atlantic): 0 Blue whale (Western North Atlantic): 0 Common bottlenose dolphin (Western North Atlantic): 0 Common minke whale (Atlantic Canada and Eastern Arctic): .04 Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): 0 Dwarf sperm whale (Western North Atlantic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (Northwest Atlantic/Eastern Arctic): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 North Atlantic right whale (Western North Atlantic): 0 Northern bottlenose whale (Scotian Shelf): 0 Pygmy sperm whale (Western North Atlantic): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Short-finned pilot whale (Western North Atlantic): 0 Sowerby's beaked whale (Western North Atlantic): 0 Sperm whale, cachalot (Western North Atlantic): 0 Striped dolphin (Western North Atlantic): 0 True's beaked whale (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0	

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
American lobster (<i>Homarus americanus</i>), Atlantic rock crab (<i>Cancer irroratus</i>), Green crab (<i>Carcinus maenas</i>), Sculpins <i>nei</i> (Cottidae)	lobster traps, (Bottom)	Number of Vessels: none provided, Licenses: 71, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),Maritimes Region, Eastern Nova Scotia (LFA 31A)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Blainville's beaked whale (Western North Atlantic) Blue whale (Western North Atlantic) Common bottlenose dolphin (Western North Atlantic) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Dwarf sperm whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (Northwest Atlantic/Eastern Arctic) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Pygmy sperm whale (Western North Atlantic) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Short-finned pilot whale (Western North Atlantic) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) Striped dolphin (Western North Atlantic) True's beaked whale (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Blainville's beaked whale (Western North Atlantic): 0 Blue whale (Western North Atlantic): 0 Common bottlenose dolphin (Western North Atlantic): 0 Common minke whale (Atlantic Canada and Eastern Arctic): .04 Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): 0 Dwarf sperm whale (Western North Atlantic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (Northwest Atlantic/Eastern Arctic): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 North Atlantic right whale (Western North Atlantic): 0 Northern bottlenose whale (Scotian Shelf): 0 Pygmy sperm whale (Western North Atlantic): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Short-finned pilot whale (Western North Atlantic): 0 Sowerby's beaked whale (Western North Atlantic): 0 Sperm whale, cachalot (Western North Atlantic): 0 Striped dolphin (Western North Atlantic): 0 True's beaked whale (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0	
American lobster (<i>Homarus americanus</i>), Atlantic rock crab (<i>Cancer irroratus</i>), Green crab (<i>Carcinus maenas</i>), Sculpins <i>nei</i> (Cottidae)	lobster traps, (Bottom)	Number of Vessels: none provided, Licenses: 70, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),Maritimes Region, Eastern Nova Scotia (LFAs 31B)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Blainville's beaked whale (Western North Atlantic) Blue whale (Western North Atlantic) Common bottlenose dolphin (Western North Atlantic) Common dolphin (California/Oregon/Washington) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Dwarf sperm whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (Northwest Atlantic/Eastern Arctic) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Pygmy sperm whale (Western North Atlantic) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Short-finned pilot whale (Western North Atlantic) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) Striped dolphin (Western North Atlantic) True's beaked whale (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Blainville's beaked whale (Western North Atlantic): 0 Blue whale (Western North Atlantic): 0 Common bottlenose dolphin (Western North Atlantic): 0 Common dolphin (California/Oregon/Washington): 0 Common minke whale (Atlantic Canada and Eastern Arctic): .04 Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): 0 Dwarf sperm whale (Western North Atlantic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (Northwest Atlantic/Eastern Arctic): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 North Atlantic right whale (Western North Atlantic): 0 Northern bottlenose whale (Scotian Shelf): 0 Pygmy sperm whale (Western North Atlantic): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Short-finned pilot whale (Western North Atlantic): 0 Sowerby's beaked whale (Western North Atlantic): 0 Sperm whale, cachalot (Western North Atlantic): 0 Striped dolphin (Western North Atlantic): 0 True's beaked whale (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0	

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
American lobster (<i>Homarus americanus</i>), Atlantic rock crab (<i>Cancer irroratus</i>), Green crab (<i>Carcinus maenas</i>), Sculpins nei (<i>Cottidae</i>)	lobster traps, (Bottom)	Number of Vessels: none provided, Licenses: 683, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),Maritimes Region, Southwest Nova Scotia (LFA 33)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Blainville's beaked whale (Western North Atlantic) Blue whale (Western North Atlantic) Common bottlenose dolphin (Western North Atlantic) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Dwarf sperm whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (Northwest Atlantic/Eastern Arctic) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Pygmy sperm whale (Western North Atlantic) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Short-finned pilot whale (Western North Atlantic) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) Striped dolphin (Western North Atlantic) True's beaked whale (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Blainville's beaked whale (Western North Atlantic): 0 Blue whale (Western North Atlantic): 0 Common bottlenose dolphin (Western North Atlantic): 0 Common minke whale (Atlantic Canada and Eastern Arctic): .04 Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): 0 Dwarf sperm whale (Western North Atlantic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (Northwest Atlantic/Eastern Arctic): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 North Atlantic right whale (Western North Atlantic): 0 Northern bottlenose whale (Scotian Shelf): 0 Pygmy sperm whale (Western North Atlantic): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Short-finned pilot whale (Western North Atlantic): 0 Sowerby's beaked whale (Western North Atlantic): 0 Sperm whale, cachalot (Western North Atlantic): 0 Striped dolphin (Western North Atlantic): 0 True's beaked whale (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0	
American lobster (<i>Homarus americanus</i>), Atlantic rock crab (<i>Cancer irroratus</i>), Green crab (<i>Carcinus maenas</i>), Jonah crab (<i>Cancer borealis</i>), Sculpins nei (<i>Cottidae</i>)	lobster traps, (Bottom)	Number of Vessels: none provided, Licenses: 136, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),Maritimes Region, Gulf of Maine (LFA 38)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Blainville's beaked whale (Western North Atlantic) Blue whale (Western North Atlantic) Common bottlenose dolphin (Western North Atlantic) Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Dwarf sperm whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (Northwest Atlantic/Eastern Arctic) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Pygmy sperm whale (Western North Atlantic) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Short-finned pilot whale (Western North Atlantic) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) Striped dolphin (Western North Atlantic) True's beaked whale (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Blainville's beaked whale (Western North Atlantic): 0 Blue whale (Western North Atlantic): 0 Common bottlenose dolphin (Western North Atlantic): 0 Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Common minke whale (Atlantic Canada and Eastern Arctic): .04 Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): 0 Dwarf sperm whale (Western North Atlantic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (Northwest Atlantic/Eastern Arctic): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 North Atlantic right whale (Western North Atlantic): 0 Northern bottlenose whale (Scotian Shelf): 0 Pygmy sperm whale (Western North Atlantic): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Short-finned pilot whale (Western North Atlantic): 0 Sowerby's beaked whale (Western North Atlantic): 0 Sperm whale, cachalot (Western North Atlantic): 0 Striped dolphin (Western North Atlantic): 0 True's beaked whale (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0	

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
American lobster (<i>Homarus americanus</i>), Atlantic rock crab (<i>Cancer irroratus</i>), Green crab (<i>Carcinus maenas</i>), Jonah crab (<i>Cancer borealis</i>), Sculpins <i>nei</i> (<i>Cottidae</i>)	lobster traps, (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: 50, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),Maritimes Region, Machaise Island (Area 38B)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Blainville's beaked whale (Western North Atlantic) Blue whale (Western North Atlantic) Common bottlenose dolphin (Western North Atlantic) Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Dwarf sperm whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (Northwest Atlantic/Eastern Arctic) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Pygmy sperm whale (Western North Atlantic) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Short-finned pilot whale (Western North Atlantic) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) Striped dolphin (Western North Atlantic) True's beaked whale (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Blainville's beaked whale (Western North Atlantic): 0 Blue whale (Western North Atlantic): 0 Common bottlenose dolphin (Western North Atlantic): 0 Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): 0 Dwarf sperm whale (Western North Atlantic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (Northwest Atlantic/Eastern Arctic): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 North Atlantic right whale (Western North Atlantic): 0 Northern bottlenose whale (Scotian Shelf): 0 Pygmy sperm whale (Western North Atlantic): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Short-finned pilot whale (Western North Atlantic): 0 Sowerby's beaked whale (Western North Atlantic): 0 Sperm whale, cachalot (Western North Atlantic): 0 Striped dolphin (Western North Atlantic): 0 True's beaked whale (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0	
American lobster (<i>Homarus americanus</i>), Atlantic rock crab (<i>Cancer irroratus</i>), Green crab (<i>Carcinus maenas</i>), Jonah crab (<i>Cancer borealis</i>), Sculpins <i>nei</i> (<i>Cottidae</i>)	lobster traps, (Bottom)	Number of Vessels: none provided, Licenses: 177, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),Maritimes Region, Southwest New Brunswick (Area 36)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Blainville's beaked whale (Western North Atlantic) Blue whale (Western North Atlantic) Common bottlenose dolphin (Western North Atlantic) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Dwarf sperm whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (Northwest Atlantic/Eastern Arctic) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Pygmy sperm whale (Western North Atlantic) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Short-finned pilot whale (Western North Atlantic) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) Striped dolphin (Western North Atlantic) True's beaked whale (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Blainville's beaked whale (Western North Atlantic): 0 Blue whale (Western North Atlantic): 0 Common bottlenose dolphin (Western North Atlantic): 0 Common minke whale (Atlantic Canada and Eastern Arctic): .04 Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): 0 Dwarf sperm whale (Western North Atlantic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (Northwest Atlantic/Eastern Arctic): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 North Atlantic right whale (Western North Atlantic): 0 Northern bottlenose whale (Scotian Shelf): 0 Pygmy sperm whale (Western North Atlantic): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Short-finned pilot whale (Western North Atlantic): 0 Sowerby's beaked whale (Western North Atlantic): 0 Sperm whale, cachalot (Western North Atlantic): 0 Striped dolphin (Western North Atlantic): 0 True's beaked whale (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0	

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
American lobster (<i>Homarus americanus</i>), Atlantic rock crab (<i>Cancer irroratus</i>), Green crab (<i>Carcinus maenas</i>), Jonah crab (<i>Cancer borealis</i>), Sculpins <i>nei</i> (<i>Cottidae</i>)	lobster traps, (Bottom)	Number of Vessels: none provided, Licenses: 8, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),Maritimes Region (LFA 41)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Blainville's beaked whale (Western North Atlantic) Blue whale (Western North Atlantic) Common bottlenose dolphin (Western North Atlantic) Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Dwarf sperm whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (Northwest Atlantic/Eastern Arctic) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Pygmy sperm whale (Western North Atlantic) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Short-finned pilot whale (Western North Atlantic) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) Striped dolphin (Western North Atlantic) True's beaked whale (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Blainville's beaked whale (Western North Atlantic): 0 Blue whale (Western North Atlantic): 0 Common bottlenose dolphin (Western North Atlantic): 0 Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Common minke whale (Atlantic Canada and Eastern Arctic): .04 Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): 0 Dwarf sperm whale (Western North Atlantic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (Northwest Atlantic/Eastern Arctic): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 North Atlantic right whale (Western North Atlantic): 0 Northern bottlenose whale (Scotian Shelf): 0 Pygmy sperm whale (Western North Atlantic): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Short-finned pilot whale (Western North Atlantic): 0 Sowerby's beaked whale (Western North Atlantic): 0 Sperm whale, cachalot (Western North Atlantic): 0 Striped dolphin (Western North Atlantic): 0 True's beaked whale (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0	
American lobster (<i>Homarus americanus</i>), Atlantic rock crab (<i>Cancer irroratus</i>), Green crab (<i>Carcinus maenas</i>), Sculpins <i>nei</i> (<i>Cottidae</i>)	lobster traps, (Bottom)	Number of Vessels: none provided, Licenses: 157, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),Maritimes Region, Eastern Nova Scotia (LFA 32)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Blainville's beaked whale (Western North Atlantic) Blue whale (Western North Atlantic) Common bottlenose dolphin (Western North Atlantic) Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Dwarf sperm whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (Northwest Atlantic/Eastern Arctic) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Pygmy sperm whale (Western North Atlantic) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Short-finned pilot whale (Western North Atlantic) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) Striped dolphin (Western North Atlantic) True's beaked whale (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Blainville's beaked whale (Western North Atlantic): 0 Blue whale (Western North Atlantic): 0 Common bottlenose dolphin (Western North Atlantic): 0 Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Common minke whale (Atlantic Canada and Eastern Arctic): .04 Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): 0 Dwarf sperm whale (Western North Atlantic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (Northwest Atlantic/Eastern Arctic): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 North Atlantic right whale (Western North Atlantic): 0 Northern bottlenose whale (Scotian Shelf): 0 Pygmy sperm whale (Western North Atlantic): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Short-finned pilot whale (Western North Atlantic): 0 Sowerby's beaked whale (Western North Atlantic): 0 Sperm whale, cachalot (Western North Atlantic): 0 Striped dolphin (Western North Atlantic): 0 True's beaked whale (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0	

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
American lobster (Homarus americanus), Atlantic rock crab (Cancer irroratus), Green crab (Carcinus maenas), Jonah crab (Cancer borealis), Sculpins nei (Cottidae)	lobster traps, (Bottom)	Number of Vessels: none provided, Licenses: 979, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),Maritimes Region, Southwest Nova Scotia (LFA 34)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Blainville's beaked whale (Western North Atlantic) Blue whale (Western North Atlantic) Common bottlenose dolphin (Western North Atlantic) Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Dwarf sperm whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (Northwest Atlantic/Eastern Arctic) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Pygmy sperm whale (Western North Atlantic) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Short-finned pilot whale (Western North Atlantic) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) Striped dolphin (Western North Atlantic) True's beaked whale (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Blainville's beaked whale (Western North Atlantic): 0 Blue whale (Western North Atlantic): 0 Common bottlenose dolphin (Western North Atlantic): 0 Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Common minke whale (Atlantic Canada and Eastern Arctic): .04 Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): 0 Dwarf sperm whale (Western North Atlantic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (Northwest Atlantic/Eastern Arctic): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 North Atlantic right whale (Western North Atlantic): 0 Northern bottlenose whale (Scotian Shelf): 0 Pygmy sperm whale (Western North Atlantic): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Short-finned pilot whale (Western North Atlantic): 0 Sowerby's beaked whale (Western North Atlantic): 0 Sperm whale, cachalot (Western North Atlantic): 0 Striped dolphin (Western North Atlantic): 0 True's beaked whale (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0	
American lobster (Homarus americanus)	lobster traps, (Bottom)	Number of Vessels: none provided, Licenses: 168, 160 active in 2018, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.4.T,Quebec Region, Gaspé peninsula /Chaleur Bay (Area 19 to 21)	Atlantic bearded seal (Arctic/Labrador) Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Beluga, white whale (St. Lawrence Estuary) Blue whale (Western North Atlantic) Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Common minke whale (Atlantic Canada and Eastern Arctic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (UNKNOWN) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Ringed seal (Arctic & Labrador) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Sperm whale, cachalot (Western North Atlantic) Striped dolphin (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic bearded seal (Arctic/Labrador): 0 Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Beluga, white whale (St. Lawrence Estuary): 0 Blue whale (Western North Atlantic): 0 Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Common minke whale (Atlantic Canada and Eastern Arctic): .2 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (UNKNOWN): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 North Atlantic right whale (Western North Atlantic): 0 Ringed seal (Arctic & Labrador): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Sperm whale, cachalot (Western North Atlantic): 0 Striped dolphin (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0	

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
American lobster (Homarus americanus)	lobster traps, (Bottom)	Number of Vessels: none provided, Licenses: 100, 83 active in 2018, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.4.S,Quebec Region, North Shore (Area 15 to 18)	Atlantic bearded seal (Arctic/Labrador) Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Beluga, white whale (St. Lawrence Estuary) Blue whale (Western North Atlantic) Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Common minke whale (Atlantic Canada and Eastern Arctic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (UNKNOWN) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Ringed seal (Arctic & Labrador) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Sperm whale, cachalot (Western North Atlantic) Striped dolphin (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic bearded seal (Arctic/Labrador): 0 Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Beluga, white whale (St. Lawrence Estuary): 0 Blue whale (Western North Atlantic): 0 Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (UNKNOWN): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 North Atlantic right whale (Western North Atlantic): 0 Ringed seal (Arctic & Labrador): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Sperm whale, cachalot (Western North Atlantic): 0 Striped dolphin (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0	
American lobster (Homarus americanus)	lobster traps, (Bottom)	Number of Vessels: none provided, Licenses: 325, 325 active in 2018, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.4.T,Quebec Region, Magdalen Islands (Area 22)	Atlantic bearded seal (Arctic/Labrador) Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Beluga, white whale (St. Lawrence Estuary) Blue whale (Western North Atlantic) Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Common minke whale (Atlantic Canada and Eastern Arctic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (UNKNOWN) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Ringed seal (Arctic & Labrador) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Sperm whale, cachalot (Western North Atlantic) Striped dolphin (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic bearded seal (Arctic/Labrador): 0 Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Beluga, white whale (St. Lawrence Estuary): 0 Blue whale (Western North Atlantic): 0 Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (UNKNOWN): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 North Atlantic right whale (Western North Atlantic): 0 Ringed seal (Arctic & Labrador): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Sperm whale, cachalot (Western North Atlantic): 0 Striped dolphin (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0	

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
American lobster (Homarus americanus)	lobster traps, (Bottom)	Number of Vessels: none provided, Licenses: 667, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.4.R, 21.4.S, 21.4.T,Gulf Region, Eastern New-Brunswick, Area 23	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Beluga, white whale (St. Lawrence Estuary) Blue whale (Western North Atlantic) Common dolphin (California/Oregon/Washington) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (UNKNOWN) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Beluga, white whale (St. Lawrence Estuary): 0 Blue whale (Western North Atlantic): 0 Common dolphin (California/Oregon/Washington): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (UNKNOWN): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 North Atlantic right whale (Western North Atlantic): 0 Northern bottlenose whale (Scotian Shelf): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Sowerby's beaked whale (Western North Atlantic): 0 Sperm whale, cachalot (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0	
American lobster (Homarus americanus)	lobster traps, (Bottom)	Number of Vessels: 634, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.4.R, 21.4.S, 21.4.T,Gulf Region, Northern Prince Edward Island (Area 24)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Beluga, white whale (St. Lawrence Estuary) Blue whale (Western North Atlantic) Common dolphin (California/Oregon/Washington) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (UNKNOWN) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Beluga, white whale (St. Lawrence Estuary): 0 Blue whale (Western North Atlantic): 0 Common dolphin (California/Oregon/Washington): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (UNKNOWN): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 North Atlantic right whale (Western North Atlantic): 0 Northern bottlenose whale (Scotian Shelf): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Sowerby's beaked whale (Western North Atlantic): 0 Sperm whale, cachalot (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0	

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
American lobster (<i>Homarus americanus</i>)	lobster traps, (Bottom)	Number of Vessels: 712, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.4.R, 21.4.S, 21.4.T,Gulf Region, Southwest Prince Edward Island/New Brunswick (Area 25)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Beluga, white whale (St. Lawrence Estuary) Blue whale (Western North Atlantic) Common dolphin (California/Oregon/Washington) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (UNKNOWN) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Beluga, white whale (St. Lawrence Estuary): 0 Blue whale (Western North Atlantic): 0 Common dolphin (California/Oregon/Washington): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (UNKNOWN): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 North Atlantic right whale (Western North Atlantic): 0 Northern bottlenose whale (Scotian Shelf): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Sowerby's beaked whale (Western North Atlantic): 0 Sperm whale, cachalot (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0	
Capelin (<i>Mallotus villosus</i>)	Purse seines, (Pelagic)	Number of Vessels: 2, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.4.S, 21.4.T,Gulf Region (4RST)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Beluga, white whale (St. Lawrence Estuary) Blue whale (Western North Atlantic) Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (UNKNOWN) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Beluga, white whale (St. Lawrence Estuary): 0 Blue whale (Western North Atlantic): 0 Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (UNKNOWN): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 North Atlantic right whale (Western North Atlantic): 0 Northern bottlenose whale (Scotian Shelf): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Sowerby's beaked whale (Western North Atlantic): 0 Sperm whale, cachalot (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0	

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Herrings/sardines nei (Clupeidae)	Purse seines, (Pelagic)	Number of Vessels: 490, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.4.T, 21.4.V.n,Gulf Region (4TVn) Spring	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Beluga, white whale (St. Lawrence Estuary) Blue whale (Western North Atlantic) Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (UNKNOWN) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Beluga, white whale (St. Lawrence Estuary): 0 Blue whale (Western North Atlantic): 0 Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (UNKNOWN): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 North Atlantic right whale (Western North Atlantic): 0 Northern bottlenose whale (Scotian Shelf): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Sowerby's beaked whale (Western North Atlantic): 0 Sperm whale, cachalot (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0	
Herrings/sardines nei (Clupeidae)	Purse seines, (Pelagic)	Number of Vessels: none provided, Licenses: 252, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:67 Pacific Northeast),Pacific Region (3,4,5,13, 14, 17, 18, 29) - Food and Bait	California sea lion (Pacific) Common minke whale (California/Oregon/Washington) Cuvier's beaked whale, goose-beaked whale (California/Oregon/Washington) Dall's porpoise, Dall porpoise (California/Oregon/Washington) Fin whale (California/Oregon/Washington) Gray whale (Pacific) Harbor porpoise (Pacific coast of Canada) Harbor seal, common seal (Pacific coast stock delineation in CAN unknown) Humpback whale (California/Oregon/Washington) Killer whale, orca (Pacific - Bigg's (Transient)) Killer whale, orca (Pacific - Northern Resident) Killer whale, orca (Pacific - Offshore) Killer whale, orca (Pacific - Southern Resident) Northern elephant seal (California Breeding) Northern fur seal (Eastern Pacific) Pacific white-sided dolphin (California/Oregon/Washington) Risso's dolphin, grampus (California/Oregon/Washington) Sea lion unspecified (Pacific) Sea otter (Pacific Coast of Canada) Stellar sea lion, northern sea lion (Pacific)	California sea lion (Pacific): .2 Common minke whale (California/Oregon/Washington): 0 Cuvier's beaked whale, goose-beaked whale (California/Oregon/Washington): 0 Dall's porpoise, Dall porpoise (California/Oregon/Washington): 0 Fin whale (California/Oregon/Washington): 0 Gray whale (Pacific): 0 Harbor porpoise (Pacific coast of Canada): 0 Harbor seal, common seal (Pacific coast stock delineation in CAN unknown): 0 Humpback whale (California/Oregon/Washington): 0 Killer whale, orca (Pacific - Bigg's (Transient)): 0 Killer whale, orca (Pacific - Northern Resident): 0 Killer whale, orca (Pacific - Offshore): 0 Killer whale, orca (Pacific - Southern Resident): 0 Northern elephant seal (California Breeding): 0 Northern fur seal (Eastern Pacific): 0 Pacific white-sided dolphin (California/Oregon/Washington): 0 Risso's dolphin, grampus (California/Oregon/Washington): 0 Sea lion unspecified (Pacific): 1 Sea otter (Pacific Coast of Canada): 0 Stellar sea lion, northern sea lion (Pacific): 2	

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Sablefish (<i>Anoplopoma fimbria</i>)	Hooks and lines (not specified), (Demersal), Longlines (not specified), (Bottom)	Number of Vessels: 35 vessels / yr, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:67 Pacific Northeast),Pacific Region (Areas 1 to 11, 21, 23 to 27, 101 to 111, 121, 123 to 127, 130, 142, subarea 12-14, 12-1 to 12-13, 12-15 to 12-48, 19-3 to 19-5 and area 20)	Baird's beaked whale (California/Oregon/Washington) Blue whale (Eastern North Pacific) Blue whale (Western North Atlantic) California sea lion (Pacific) Common minke whale (California/Oregon/Washington) Cuvier's beaked whale, goose-beaked whale (California/Oregon/Washington) Dall's porpoise, Dall porpoise (California/Oregon/Washington) Fin whale (California/Oregon/Washington) Gray whale (Pacific) Harbor porpoise (Pacific coast of Canada) Harbor seal, common seal (Pacific coast stock delineation in CAN unknown) Humpback whale (California/Oregon/Washington) Killer whale, orca (Pacific - Bigg's (Transient)) Killer whale, orca (Pacific - Northern Resident) Killer whale, orca (Pacific - Offshore) Killer whale, orca (Pacific - Southern Resident) Northern elephant seal (California Breeding) Northern fur seal (Eastern Pacific) Northern right-whale dolphin (California/Oregon/Washington) Pacific white-sided dolphin (California/Oregon/Washington) Risso's dolphin, grampus (California/Oregon/Washington) Sea otter (Pacific Coast of Canada) Sperm whale, cachalot (California/Oregon/Washington) Stellar sea lion, northern sea lion (Pacific) Common minke whale (Atlantic Canada and Eastern Arctic) Gray seal (Western North Atlantic) Harbor porpoise (Newfoundland) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Ringed seal (Arctic & Labrador)	Baird's beaked whale (California/Oregon/Washington): 0 Blue whale (Eastern North Pacific): 0 Blue whale (Western North Atlantic): 0 California sea lion (Pacific): 0 Common minke whale (California/Oregon/Washington): 0 Cuvier's beaked whale, goose-beaked whale (California/Oregon/Washington): 0 Dall's porpoise, Dall porpoise (California/Oregon/Washington): 0 Fin whale (California/Oregon/Washington): 0 Gray whale (Pacific): 0 Harbor porpoise (Pacific coast of Canada): 0 Harbor seal, common seal (Pacific coast stock delineation in CAN unknown): 0 Humpback whale (California/Oregon/Washington): 0 Killer whale, orca (Pacific - Bigg's (Transient)): 0 Killer whale, orca (Pacific - Northern Resident): 0 Killer whale, orca (Pacific - Offshore): 0 Killer whale, orca (Pacific - Southern Resident): 0 Northern elephant seal (California Breeding): 0 Northern fur seal (Eastern Pacific): 0 Northern right-whale dolphin (California/Oregon/Washington): 0 Pacific white-sided dolphin (California/Oregon/Washington): 0 Risso's dolphin, grampus (California/Oregon/Washington): 0 Sea otter (Pacific Coast of Canada): 0 Sperm whale, cachalot (California/Oregon/Washington): 0 Stellar sea lion, northern sea lion (Pacific): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Newfoundland): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 20 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Ringed seal (Arctic & Labrador): 0	
Amer. plaice(=Long rough dab) (<i>Hippoglossoides platessoides</i>), American angler (<i>Lophius americanus</i>), Atlantic cod (<i>Gadus morhua</i>), Atlantic redfishes nei (<i>Sebastes</i> spp), Greenland halibut (<i>Reinhardtius hippoglossoides</i>), Haddock (<i>Melanogrammus aeglefinus</i>), Lumpfish(=Lumpsucker) (<i>Cyclopterus lumpus</i>), Starry ray (<i>Raja radiata</i>), White hake (<i>Urophycis tenuis</i>), Winter flounder (<i>Pseudopleuronectes americanus</i>), Witch flounder (<i>Glyptocephalus cynoglossus</i>)	Gillnets and entangling nets (not specified), (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: 1434, Aquaculture Facilities: none provided	High Seas,EEZ,(FAO:21 Atlantic Northwest),21.2.G, 21.2.H, 21.2.J, 21.3.K, 21.3.L, 21.3.M, 21.3.N, 21.3.O,Newfoundland and Labrador Region (2+3KLMNO)	Common minke whale (Atlantic Canada and Eastern Arctic) Gray seal (Western North Atlantic) Harbor porpoise (Newfoundland) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Ringed seal (Arctic & Labrador)	Common minke whale (Atlantic Canada and Eastern Arctic): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Newfoundland): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 20 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Ringed seal (Arctic & Labrador): 0	NAFO
Atlantic cod (<i>Gadus morhua</i>)	Pots/traps, (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: 3, Aquaculture Facilities: none provided	EEZ,France,(FAO:21 Atlantic Northwest),21.3.P.s,Newfoundland and Labrador Region (3Ps)	Common minke whale (Atlantic Canada and Eastern Arctic) Gray seal (Western North Atlantic) Harbor porpoise (Newfoundland) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Common minke whale (Atlantic Canada and Eastern Arctic): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Newfoundland): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0	
Atlantic cod (<i>Gadus morhua</i>)	trap nets/stationary nets, (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: 0, Aquaculture Facilities: none provided	EEZ,France,(FAO:21 Atlantic Northwest),21.3.P.s,Newfoundland and Labrador Region (3Ps)	Common minke whale (Atlantic Canada and Eastern Arctic) Gray seal (Western North Atlantic) Harbor porpoise (Newfoundland) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Common minke whale (Atlantic Canada and Eastern Arctic): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Newfoundland): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0	

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Atlantic cod (<i>Gadus morhua</i>)	Pots/traps, (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: 0, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.2.G, 21.2.H,Newfoundland and Labrador Region (2GH) MORATORIUM	Common minke whale (Atlantic Canada and Eastern Arctic) Gray seal (Western North Atlantic) Harbor porpoise (Newfoundland) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Ringed seal (Arctic & Labrador)	Common minke whale (Atlantic Canada and Eastern Arctic): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Newfoundland): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Ringed seal (Arctic & Labrador): 0	
Amer. plaice(=Long rough dab) (<i>Hippoglossoides platessoides</i>), American angler (<i>Lophius americanus</i>), Atlantic cod (<i>Gadus morhua</i>), Atlantic redfishes nei (<i>Sebastes</i> spp), Greenland halibut (<i>Reinhardtius hippoglossoides</i>), Haddock (<i>Melanogrammus aeglefinus</i>), Lumpfish(=Lumpsucker) (<i>Cyclopterus lumpus</i>), Saithe(=Pollock) (<i>Pollachius virens</i>), Starry ray (<i>Raja radiata</i>), White hake (<i>Urophycis tenuis</i>), Winter flounder (<i>Pseudopleuronectes americanus</i>)	Gillnets and entangling nets (not specified), (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: 294, Aquaculture Facilities: none provided	EEZ,France,(FAO:21 Atlantic Northwest),21.3.P.s,Newfoundland and Labrador Region (3Ps)	Common minke whale (Atlantic Canada and Eastern Arctic) Gray seal (Western North Atlantic) Harbor porpoise (Newfoundland) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Common minke whale (Atlantic Canada and Eastern Arctic): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Newfoundland): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 20 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0	
Atlantic cod (<i>Gadus morhua</i>), Atlantic halibut (<i>Hippoglossus hippoglossus</i>), White hake (<i>Urophycis tenuis</i>)	Longlines (not specified), (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: 575, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.3.P.n, 21.4.R,Newfoundland and Labrador Region (4R3Pn)	Common minke whale (Atlantic Canada and Eastern Arctic) Gray seal (Western North Atlantic) Harbor porpoise (Newfoundland) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Common minke whale (Atlantic Canada and Eastern Arctic): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Newfoundland): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0	
Amer. plaice(=Long rough dab) (<i>Hippoglossoides platessoides</i>), Atlantic cod (<i>Gadus morhua</i>), Atlantic halibut (<i>Hippoglossus hippoglossus</i>), Atlantic redfishes nei (<i>Sebastes</i> spp), Greenland halibut (<i>Reinhardtius hippoglossoides</i>), White hake (<i>Urophycis tenuis</i>), Winter flounder (<i>Pseudopleuronectes americanus</i>), Witch flounder (<i>Glyptocephalus cynoglossus</i>), Yellowtail flounder (<i>Limanda ferruginea</i>)	Otter trawls (not specified), (Bottom)	Number of Vessels: 8, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.4.R, 21.4.S, 21.4.T,Gulf Region (4RST) (Directed fishery is witch flounder, all other species are by-catch only)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Beluga, white whale (St. Lawrence Estuary) Blue whale (Western North Atlantic) Common dolphin (California/Oregon/Washington) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (UNKNOWN) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Beluga, white whale (St. Lawrence Estuary): 0 Blue whale (Western North Atlantic): 0 Common dolphin (California/Oregon/Washington): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (UNKNOWN): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 North Atlantic right whale (Western North Atlantic): 0 Northern bottlenose whale (Scotian Shelf): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Sowerby's beaked whale (Western North Atlantic): 0 Sperm whale, cachalot (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0	

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Whelk (<i>Buccinum undatum</i>)	Traps (not specified), (Bottom)	Number of Vessels: 0, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.4.R, 21.4.S, 21.4.T,Gulf Region (Exploratory fishery) - LFA 23, LFA 24, LFA 26A	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Beluga, white whale (St. Lawrence Estuary) Blue whale (Western North Atlantic) Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (Northwest Atlantic/Eastern Arctic) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Beluga, white whale (St. Lawrence Estuary): 0 Blue whale (Western North Atlantic): 0 Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (Northwest Atlantic/Eastern Arctic): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 North Atlantic right whale (Western North Atlantic): 0 Northern bottlenose whale (Scotian Shelf): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Sowerby's beaked whale (Western North Atlantic): 0 Sperm whale, cachalot (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0	
Toad/lyre crabs nei (<i>Hyas spp</i>)	Traps (not specified), (Bottom)	UNKNOWN	EEZ,(FAO:21 Atlantic Northwest),21.4.T,Gulf region – 4T (Area 26A, 24, 23)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Beluga, white whale (St. Lawrence Estuary) Blue whale (Western North Atlantic) Common dolphin (California/Oregon/Washington) Common minke whale (Atlantic Canada and Eastern Arctic) Cuvier's beaked whale, goose-beaked whale (Western North Atlantic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (UNKNOWN) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Northern bottlenose whale (Scotian Shelf) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Sowerby's beaked whale (Western North Atlantic) Sperm whale, cachalot (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Beluga, white whale (St. Lawrence Estuary): 0 Blue whale (Western North Atlantic): 0 Common dolphin (California/Oregon/Washington): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Cuvier's beaked whale, goose-beaked whale (Western North Atlantic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (UNKNOWN): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 North Atlantic right whale (Western North Atlantic): 0 Northern bottlenose whale (Scotian Shelf): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Sowerby's beaked whale (Western North Atlantic): 0 Sperm whale, cachalot (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0	

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Greenland halibut (<i>Reinhardtius hippoglossoides</i>)	Gillnets and entangling nets (not specified), (Bottom), Longlines (not specified), (Bottom)	Number of Vessels: 15, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.0.A, 21.0.B,Central and Arctic Region (Subarea 0)	Atlantic bearded seal (Arctic/Labrador) Atlantic walrus (Baffin Bay) Atlantic walrus (Hoare Bay & Hudson Bay/Davis Strait) Atlantic walrus (Penny Strait/Lancaster Sound) Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Beluga, white whale (Cumberland Sound) Beluga, white whale (High Arctic) Beluga, white whale (Ungava Bay) Blue whale (Western North Atlantic) Bowhead whale, Greenland whale (Eastern Canada - West Greenland) Common minke whale (Atlantic Canada and Eastern Arctic) Fin whale (West Greenland) Gray seal (Western North Atlantic) Harbor porpoise (Newfoundland) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (West Greenland) Killer whale, orca (Northwest Atlantic/Eastern Arctic) Killer whale, orca (UNKNOWN) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Narwhal (East Baffin) Narwhal (Eclipse Sound) Narwhal (Jones Sound) Narwhal (Smith Sound) Northern bottlenose whale (Davis Strait/Baffin Bay/Labrador Sea) Northern bottlenose whale (Scotian Shelf) Ringed seal (Arctic & Labrador) Seal unspecified (STOCK NOT SPECIFIED) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Sperm whale, cachalot (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic bearded seal (Arctic/Labrador): 0 Atlantic walrus (Baffin Bay): 0 Atlantic walrus (Hoare Bay & Hudson Bay/Davis Strait): 0 Atlantic walrus (Penny Strait/Lancaster Sound): 0 Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Beluga, white whale (Cumberland Sound): 0 Beluga, white whale (High Arctic): 0 Beluga, white whale (Ungava Bay): 0 Blue whale (Western North Atlantic): 0 Bowhead whale, Greenland whale (Eastern Canada - West Greenland): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Fin whale (West Greenland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Newfoundland): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (West Greenland): 0 Killer whale, orca (Northwest Atlantic/Eastern Arctic): 0 Killer whale, orca (UNKNOWN): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Narwhal (East Baffin): 0 Narwhal (Eclipse Sound): 0 Narwhal (Jones Sound): 0 Narwhal (Smith Sound): 0 Northern bottlenose whale (Davis Strait/Baffin Bay/Labrador Sea): 0 Northern bottlenose whale (Scotian Shelf): 0 Ringed seal (Arctic & Labrador): 0 Seal unspecified (STOCK NOT SPECIFIED): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Sperm whale, cachalot (Western North Atlantic): .2 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0	RFMO
Aesop shrimp (<i>Pandalus montagui</i>), Northern prawn (<i>Pandalus borealis</i>)	Trawls (not specified), (Bottom), shrimp/prawn trawl, (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: 207, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.2.G, 21.2.H, 21.2.J, 21.3.K, 21.3.L, 21.4.R,Newfoundland and Labrador Region (2J3KL4R) managed Nationally, Gulf (4R) is led by Quebec	Common minke whale (Atlantic Canada and Eastern Arctic) Gray seal (Western North Atlantic) Harbor porpoise (Newfoundland) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Ringed seal (Arctic & Labrador)	Common minke whale (Atlantic Canada and Eastern Arctic): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Newfoundland): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Ringed seal (Arctic & Labrador): 0	NAFO
Northern shortfin squid (<i>Illex illecebrosus</i>)	Traps (not specified), (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: 1, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.2.G, 21.2.H, 21.2.J, 21.3.K, 21.3.L, 21.3.P.n, 21.3.P.s, 21.4.R,Newfoundland and Labrador Region (1-14)	Common minke whale (Atlantic Canada and Eastern Arctic) Gray seal (Western North Atlantic) Harbor porpoise (Newfoundland) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Ringed seal (Arctic & Labrador)	Common minke whale (Atlantic Canada and Eastern Arctic): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Newfoundland): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Ringed seal (Arctic & Labrador): 0	
Arctic char (<i>Salvelinus alpinus</i>)	Set gillnets/set nets (anchored), (Midwater)	Number of Vessels: none provided, Licenses: 1, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.2.G, 21.2.H, 21.2.J,Newfoundland and Labrador Region 2GHJ			

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Atlantic rock crab (<i>Cancer irroratus</i>)	Pots/traps, (Benthic)	Number of Vessels: none provided, Licenses: none provided, Participants: 11, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.3.K, 21.3.L, 21.3.P.n, 21.3.P.s, 21.4.R,Newfoundland and Labrador Region (CFA 1-13)	Common minke whale (Atlantic Canada and Eastern Arctic) Gray seal (Western North Atlantic) Harbor porpoise (Newfoundland) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Common minke whale (Atlantic Canada and Eastern Arctic): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Newfoundland): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0	
Amer. plaice(=Long rough dab) (<i>Hippoglossoides platessoides</i>), Atlantic cod (<i>Gadus morhua</i>), Atlantic halibut (<i>Hippoglossus hippoglossus</i>), Greenland halibut (<i>Reinhardtius hippoglossoides</i>), White hake (<i>Urophycis tenuis</i>)	Set gillnets/set nets (anchored), (Bottom)	Number of Vessels: none provided, Licenses: 57 groundfish licence holders who directed their fishery for Atlantic cod with gillnets in 2018. , Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.3.P.n, 21.4.R, 21.4.S,Quebec Region (3Pn4RS)	Atlantic bearded seal (Arctic/Labrador) Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Beluga, white whale (St. Lawrence Estuary) Blue whale (Western North Atlantic) Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Common minke whale (Atlantic Canada and Eastern Arctic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (UNKNOWN) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Ringed seal (Arctic & Labrador) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Seal unspecified (STOCK NOT SPECIFIED) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Sperm whale, cachalot (Western North Atlantic) Striped dolphin (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic bearded seal (Arctic/Labrador): 0 Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 4 Beluga, white whale (St. Lawrence Estuary): 0 Blue whale (Western North Atlantic): 0 Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (UNKNOWN): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 North Atlantic right whale (Western North Atlantic): 0 Ringed seal (Arctic & Labrador): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Seal unspecified (STOCK NOT SPECIFIED): 4 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Sperm whale, cachalot (Western North Atlantic): 0 Striped dolphin (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0	
Amer. plaice(=Long rough dab) (<i>Hippoglossoides platessoides</i>), Atlantic cod (<i>Gadus morhua</i>), Atlantic halibut (<i>Hippoglossus hippoglossus</i>), Greenland halibut (<i>Reinhardtius hippoglossoides</i>), White hake (<i>Urophycis tenuis</i>)	Set gillnets/set nets (anchored), (Bottom)	Number of Vessels: none provided, Licenses: 59 groundfish licence holders who directed their fishery for greenland halibut - gillnets in 2018., Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.4.R, 21.4.S, 21.4.T,Quebec Region (4RST)	Atlantic bearded seal (Arctic/Labrador) Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Beluga, white whale (St. Lawrence Estuary) Blue whale (Western North Atlantic) Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Common minke whale (Atlantic Canada and Eastern Arctic) Dolphin unspecified (STOCK NOT SPECIFIED) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (UNKNOWN) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Ringed seal (Arctic & Labrador) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Sperm whale, cachalot (Western North Atlantic) Striped dolphin (Western North Atlantic) Whale unspecified (STOCK NOT SPECIFIED) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic bearded seal (Arctic/Labrador): 0 Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Beluga, white whale (St. Lawrence Estuary): 0 Blue whale (Western North Atlantic): 0 Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Dolphin unspecified (STOCK NOT SPECIFIED): 4 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 4 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (UNKNOWN): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 North Atlantic right whale (Western North Atlantic): 0 Ringed seal (Arctic & Labrador): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Sperm whale, cachalot (Western North Atlantic): 0 Striped dolphin (Western North Atlantic): 0 Whale unspecified (STOCK NOT SPECIFIED): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0	

Target Species or Product	Gear Type	Number of Vessels/ Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Herrings/sardines nei (Clupeidae), Mackerels nei (Scombridae)	Set gillnets/set nets (anchored), (Pelagic)	Number of Vessels: none provided, Licenses: Variable according to species targeted (see comment), Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.4.S,Quebec Region (15)	Atlantic bearded seal (Arctic/Labrador) Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Beluga, white whale (St. Lawrence Estuary) Blue whale (Western North Atlantic) Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Common minke whale (Atlantic Canada and Eastern Arctic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (UNKNOWN) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Ringed seal (Arctic & Labrador) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Sperm whale, cachalot (Western North Atlantic) Striped dolphin (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic bearded seal (Arctic/Labrador): 0 Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Beluga, white whale (St. Lawrence Estuary): 0 Blue whale (Western North Atlantic): 0 Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (UNKNOWN): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 North Atlantic right whale (Western North Atlantic): 0 Ringed seal (Arctic & Labrador): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Sperm whale, cachalot (Western North Atlantic): 0 Striped dolphin (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0	
Herrings/sardines nei (Clupeidae), Mackerels nei (Scombridae)	Set gillnets/set nets (anchored), (Pelagic)	Number of Vessels: none provided, Licenses: Variable according to species targeted (see comments), Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:21 Atlantic Northwest),21.4.T,Quebec Region (16)	Atlantic bearded seal (Arctic/Labrador) Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Beluga, white whale (St. Lawrence Estuary) Blue whale (Western North Atlantic) Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Common minke whale (Atlantic Canada and Eastern Arctic) Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Gray seal (Western North Atlantic) Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf) Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)) Harp seal (Western North Atlantic) Hooded seal (Western North Atlantic) Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) Killer whale, orca (UNKNOWN) Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland) North Atlantic right whale (Western North Atlantic) Ringed seal (Arctic & Labrador) Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland) Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)) Sperm whale, cachalot (Western North Atlantic) Striped dolphin (Western North Atlantic) White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland)	Atlantic bearded seal (Arctic/Labrador): 0 Atlantic white-sided dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Beluga, white whale (St. Lawrence Estuary): 0 Blue whale (Western North Atlantic): 0 Common dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Common minke whale (Atlantic Canada and Eastern Arctic): 0 Fin whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Gray seal (Western North Atlantic): 0 Harbor porpoise (Gulf of St. Lawrence & Scotian Shelf): 0 Harbor seal, common seal (Western North Atlantic (stock delineation in CAN unknown)): 0 Harp seal (Western North Atlantic): 0 Hooded seal (Western North Atlantic): 0 Humpback whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 Killer whale, orca (UNKNOWN): 0 Long-finned pilot whale (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0 North Atlantic right whale (Western North Atlantic): 0 Ringed seal (Arctic & Labrador): 0 Risso's dolphin, grampus (Gulf of St. Lawrence, Scotian Shelf, Newfoundland): 0 Sei whale (Nova Scotia / Newfoundland (Northwest Atlantic)): 0 Sperm whale, cachalot (Western North Atlantic): 0 Striped dolphin (Western North Atlantic): 0 White-beaked dolphin (Gulf of St. Lawrence, Scotian Shelf, Bay of Fundy, Newfoundland): 0	

Cape Verde

Exempt Fisheries						
Flatfishes nei (Pleuronectiformes), Groupers nei (Epinephelus spp), Snappers nei (Lutjanus spp)	Handlines and hand-operated pole-and-lines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Cape Verde Coastal and Insular Areas (FAO 34.3.11 and 34.3.12)			
Herrings/sardines nei (Clupeidae), Mackerels nei (Scombridae)	Beach seines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Cape Verde Coastal and Insular Areas (FAO 34.3.11 and 34.3.12)			

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Albacore (Thunnus alalunga)	Handlines and hand-operated pole-and-lines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	West Africa			
Herrings/sardines nei (Clupeidae), Mackerels nei (Scombridae)	Handlines and hand-operated pole-and-lines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Cape Verde Coastal and Insular Areas (FAO 34.3.11 and 34.3.12)			
Export Fisheries						
Black skipjack (Euthynnus lineatus), Blue marlin (Makaira nigricans), Frigate tuna (Auxis thazard), Marlins,sailfishes,etc. nei (Istiophoridae), Swordfish (Xiphias gladius), Wahoo (Acanthocybium solandri)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ			ICCAT
Albacore (Thunnus alalunga), Bigeye tuna (Thunnus obesus), Skipjack tuna (Katsuwonus pelamis), Yellowfin tuna (Thunnus albacares)	Purse seines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Liberia,Liberia EEZ			
Cuttlefishes nei (Sepia spp), Demersal fishes nei (Osteichthyes), Flatfishes nei (Pleuronectiformes), Groundfishes nei (Osteichthyes), Marine fishes nei (Osteichthyes), Northern cods nei (Gadus spp), Octopuses nei (Octopus spp), Various squids nei (Loliginidae, Ommastrephidae)	Trawls (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Senegal,Senegal EEZ			
Herrings/sardines nei (Clupeidae), Mackerels nei (Scombridae)	Purse seines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Cape Verde Coastal and Insular Areas (FAO 34.3.11 and 34.3.12)			
Flatfishes nei (Pleuronectiformes), Groupers nei (Epinephelus spp), Snappers nei (Lutjanus spp)	Gillnets and entangling nets (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Cape Verde Coastal and Insular Areas (FAO 34.3.11 and 34.3.12)			
Bigeye tuna (Thunnus obesus), Skipjack tuna (Katsuwonus pelamis), Yellowfin tuna (Thunnus albacares)	Purse seines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	International Convention for the Conservation of Atlantic Tuna Convention Area			ICCAT

Chile

Exempt Fisheries

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Giant kelp (<i>Macrocystis pyrifera</i>)	Diving (SCUBA and/or free-diving)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Chilean Provinces XV to XII Regions (Subtidal zone)			
<i>Athyonidium chilensis</i> (<i>Athyonidium chilensis</i>), Sea cucumbers nei (<i>Holothuroidea</i>)	Diving (SCUBA and/or free-diving)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Chilean Provinces XV to X Regions (Intertidal and subtidal zone)			
Common octopus (<i>Octopus vulgaris</i>), <i>Octopus mimus</i> (<i>Octopus mimus</i>), <i>Octopuses nei</i> (<i>Octopus spp</i>)	Diving (SCUBA and/or free-diving)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Chilean Provinces XV to VIII Regions			
Patagonian giant octopus (<i>Enteroctopus megalocyathus</i>)	Diving (SCUBA and/or free-diving)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Chilean Provinces XV to XII Regions (Subtidal zone)			
Clams/etc. nei (<i>Bivalvia</i>), <i>Mulinia edulis</i> (<i>Mulinia edulis</i>)	Diving (SCUBA and/or free-diving)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Chilean Provinces XV to XII Regions (Subtidal zone)			
Chilean semele (<i>Semele solida</i>), Clams/etc. nei (<i>Bivalvia</i>)	Diving (SCUBA and/or free-diving)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Chilean Provinces XV to X Regions (Subtidal zone)			
Gracilaria seaweeds (<i>Gracilaria spp</i>), Red seaweeds (<i>Rhodophyceae</i>)	Aquaculture (bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Chilean Provinces: II Antofagasta Region III Atacama Region IV Coquimbo Region VIII Biobio Region IX Araucania Region XIV Los Rios Region X Los Lagos Region XI Aysen del General Carlos Ibañez del Campo Region			

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
River Plata mussel (<i>Mytilus platensis</i>)	Aquaculture (lines)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Chilean Provinces: I Tarapaca Region III Atacama Region V Valparaiso Region VI Libertador General Bernardo O'Higgins Region VIII Biobio Region IX Araucania Region XIV Los Rios Region X Los Lagos Region XI Aysen del General Carlos Ibañez del Campo Region XII Magallanes and Antarctica Chilena Region			
Peruvian calico scallop (<i>Argopecten purpuratus</i>)	Aquaculture (basket)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Chilean Provinces: XV Arica and Parinacota Region I Tarapaca Region II Antofagasta Region III Atacama Region IV Coquimbo Region V Valparaiso Region VIII Biobio Region X Los Lagos Region XI Aysen del General Carlos Ibañez del Campo Region			
Patagonian toothfish (<i>Dissostichus eleginoides</i>), Pink cusk-eel (<i>Genypterus blacodes</i>), Southern hake (<i>Merluccius australis</i>)	Longlines (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	XI Region (South of 47° S) to XII Region (Continental slope)	Killer whale, orca (UNKNOWN) Long-finned pilot whale (UNKNOWN) Sperm whale, cachalot (UNKNOWN)	Killer whale, orca (UNKNOWN): NOT PROVIDED Long-finned pilot whale (UNKNOWN): NOT PROVIDED Sperm whale, cachalot (UNKNOWN): NOT PROVIDED	
Patagonian toothfish (<i>Dissostichus eleginoides</i>)	Longlines (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	XI Region (South of 47° S) to XII Region (Continental slope)	Killer whale, orca (UNKNOWN) Long-finned pilot whale (UNKNOWN) Sperm whale, cachalot (UNKNOWN)	Killer whale, orca (UNKNOWN): NOT PROVIDED Long-finned pilot whale (UNKNOWN): NOT PROVIDED Sperm whale, cachalot (UNKNOWN): NOT PROVIDED	
Antarctic krill (<i>Euphausia superba</i>)	Midwater trawls (not specified), (Midwater)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Western Antarctic Peninsula region (CCAMLR Subarea 48.1-48.4)			
Red abalone (<i>Haliotis rufescens</i>)	Aquaculture (rafts, mats)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Chilean Provinces: III Atacama Region X Los Lagos Region			

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Icefishes nei (Salandidae)	Midwater trawls (not specified), (Midwater)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	South Georgia Island region (CCAMLR Subarea 48.3)			CCAMLR
Chilean jack mackerel (Trachurus murphyi)	Handlines and hand-operated pole-and-lines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Chilean province XV to X Regions (0-5 nm (artisanal fishing))			
Jumbo flying squid (Dosidicus gigas)	Jig	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	IV to X Regions (25 nm)			
Giant barnacle (Austromegabalanus psittacus)	Diving (SCUBA and/or free-diving)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Chilean Provinces XV to XII Regions (Intertidal and subtidal zone)			
Lessonia spp (Lessonia spp), Seaweeds nei (Algae)	Diving (SCUBA and/or free-diving)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Chilean Provinces XV to XII Regions (Intertidal zone)			
Chondracanthus chamissoi (Chondracanthus chamissoi), Seaweeds nei (Algae)	Diving (SCUBA and/or free-diving)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Chilean Provinces XV to XII Regions (Intertidal and subtidal zone)			
Bull kelp (Durvillaea antarctica)	Diving (SCUBA and/or free-diving)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Chilean Provinces IV to XII Regions (Intertidal zone)			
Chlamys spp (Chlamys spp), Scallops nei (Pectinidae)	Diving (SCUBA and/or free-diving)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Chilean Provinces XII Region (Coast and internal waters, until 17 m deep)			
Mazzaella laminarioides (Mazzaella laminarioides), Seaweeds nei (Algae)	Diving (SCUBA and/or free-diving)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Chilean Provinces IV to XII Regions (Intertidal zone)			

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Gigartina seaweeds nei (Gigartinales), Seaweeds nei (Algae)	Diving (SCUBA and/or free-diving)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Chilean Provinces V to XII Regions (Coast and internal waters)			
Leister (Sarcothalia crispata), Seaweeds nei (Algae)	Diving (SCUBA and/or free-diving)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Chilean Provinces V to XII Regions (Coast and internal waters)			
Seaweeds nei (Algae), Skottsberg's gigartina (Gigartina skottsbergii)	Diving (SCUBA and/or free-diving)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Chilean Provinces XIV to XII Regions (Intertidal and subtidal zone, until 15 m deep)			
Gracilaria seaweeds (Gracilaria spp), Red seaweeds (Rhodophyceae)	Diving (SCUBA and/or free-diving)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Chilean Provinces IV to X Regions (Intertidal and subtidal zone, until 25 m deep)			
Venus clams nei (Veneridae)	Diving (SCUBA and/or free-diving)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Chilean Provinces XV to XII Regions (Intertidal and subtidal zone)			
Clams/etc. nei (Bivalvia), Taca clam (Protothaca thaca)	Diving (SCUBA and/or free-diving)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Chilean Provinces XV to XII Regions (Intertidal and subtidal zone)			
Chocolate rockshell (Thais chocolata), Gastropods nei (Gastropoda)	Diving (SCUBA and/or free-diving)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Chilean Provinces XV to V Regions (Intertidal and subtidal zone, until 53 m deep)			
Argobuccinum spp (Argobuccinum spp), Gastropods nei (Gastropoda)	Diving (SCUBA and/or free-diving)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Chilean Provinces IV to XII Regions (Subtidal zone, until 200 m deep)			
Adelomelon ancilla (Adelomelon ancilla), Sea snails (Rapana spp)	Diving (SCUBA and/or free-diving)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Chilean Provinces X to XII Regions (Subtidal zone, until 200 m deep)			

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Gastropods nei (Gastropoda), Sea snails (Rapana spp)	Diving (SCUBA and/or free-diving)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Chilean Provinces XV to X Regions (Subtidal zone)			
Gastropods nei (Gastropoda), Trophon spp (Trophon spp)	Diving (SCUBA and/or free-diving)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Chilean Provinces X to XII Regions (Intertidal and subtidal zone, until 100 m deep)			
Chorus giganteus (Chorus giganteus), Gastropods nei (Gastropoda)	Diving (SCUBA and/or free-diving)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Chilean Provinces XV to X Regions (Subtidal zone)			
River Plata mussel (Mytilus platensis)	Diving (SCUBA and/or free-diving)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Chilean Provinces XV to XII Regions (Coast and internal waters)			
Clams/etc. nei (Bivalvia), Sunset clams nei (Gari spp)	Diving (SCUBA and/or free-diving)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Chilean Provinces XV to XII Regions (Subtidal zone)			
Chilean sea urchin (Loxechinus albus)	Diving (SCUBA and/or free-diving)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Chilean Provinces XV to XII Regions (Coast and internal waters)			
Clams/etc. nei (Bivalvia), Gay's little venus (Tawera gayi)	Diving (SCUBA and/or free-diving)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Chilean Provinces V to XII Regions (Subtidal zone)			
Fissurella spp (Fissurella spp), Limpets nei (Patella spp)	Diving (SCUBA and/or free-diving)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Chilean Provinces XV to XII Regions (Intertidal and subtidal zone)			
False abalone(=Chilean abalone) (Concholepas concholepas)	Diving (SCUBA and/or free-diving)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Chilean Provinces XV to XII Regions (Coast, until 50 m deep)			

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Clams/etc. nei (Bivalvia), Macha clam (Mesodesma donacium)	Diving (SCUBA and/or free-diving)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Chilean Provinces XV to X Regions (Intertidal and subtidal zone)			
Clams/etc. nei (Bivalvia), Giant jackknife (Ensis macha)	Diving (SCUBA and/or free-diving)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Chilean Provinces III to XII Regions (Subtidal zone)			
Clams/etc. nei (Bivalvia), Dombey's tagelus (Tagelus dombeii)	Diving (SCUBA and/or free-diving)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Chilean Provinces XV to X Regions (Coast and internal waters, until 13 m deep)			

Export Fisheries

Anchoveta(=Peruvian anchovy) (Engraulis ringens), Atlantic saury (Scomberesox saurus), Chilean jack mackerel (Trachurus murphyi), Common dolphinfish (Coryphaena hippurus), Eastern Pacific bonito (Sarda chiliensis), Jumbo flying squid (Dosidicus gigas), Mote sculpin (Normanichthys crockeri), Oceanic lightfish (Vinciguerra nimbaria), Pacific chub mackerel (Scomber japonicus), Pacific menhaden (Ethmidium maculatum), Patagonian squid (Loligo gahi), South American pilchard (Sardinops sagax)	Purse seines, (Surface)	Number of Vessels: 0, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:87 Pacific Southeast),87.2.13, 87.2.14, 87.2.23, 87.2.24,The multispecific industrial purse seine fleet that targets small pelagics in regions Atacama (III) to Coquimbo (IV) is currently not operative. When operative occurs between 5-200 nm. #4	Antarctic minke whale (UNKNOWN) Blue whale (UNKNOWN) Bryde's whale (UNKNOWN) Burmeister's porpoise (UNKNOWN) Chungungo, marine otter (UNKNOWN) Common bottlenose dolphin (UNKNOWN) Common dolphin, saddleback dolphin (UNKNOWN) Cuvier's beaked whale, goose-beaked whale (UNKNOWN) Dusky dolphin (UNKNOWN) False killer whale (UNKNOWN) Fin whale (UNKNOWN) Humpback whale (UNKNOWN) Killer whale, orca (UNKNOWN) Leopard seal (UNKNOWN) Long-beaked Common Dolphin (UNKNOWN) Long-finned pilot whale (UNKNOWN) Pygmy beaked whale (UNKNOWN) Pygmy killer whale (UNKNOWN) Pygmy sperm whale (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Sei whale (UNKNOWN) Short-finned pilot whale (UNKNOWN) South American fur seal (Chilean north stock) South American sea lion (South American sea lion chilean stock) Southern elephant seal (UNKNOWN) Southern right whale (Chile-Peru Subpopulation) Southern right-whale dolphin (UNKNOWN) Sperm whale, cachalot (UNKNOWN)	Antarctic minke whale (UNKNOWN): UNKNOWN Blue whale (UNKNOWN): UNKNOWN Bryde's whale (UNKNOWN): UNKNOWN Burmeister's porpoise (UNKNOWN): UNKNOWN Chungungo, marine otter (UNKNOWN): UNKNOWN Common bottlenose dolphin (UNKNOWN): UNKNOWN Common dolphin, saddleback dolphin (UNKNOWN): UNKNOWN Cuvier's beaked whale, goose-beaked whale (UNKNOWN): UNKNOWN Dusky dolphin (UNKNOWN): UNKNOWN False killer whale (UNKNOWN): UNKNOWN Fin whale (UNKNOWN): UNKNOWN Humpback whale (UNKNOWN): UNKNOWN Killer whale, orca (UNKNOWN): UNKNOWN Leopard seal (UNKNOWN): UNKNOWN Long-beaked Common Dolphin (UNKNOWN): UNKNOWN Long-finned pilot whale (UNKNOWN): UNKNOWN Pygmy beaked whale (UNKNOWN): UNKNOWN Pygmy killer whale (UNKNOWN): UNKNOWN Pygmy sperm whale (UNKNOWN): UNKNOWN Risso's dolphin, grampus (UNKNOWN): UNKNOWN Sei whale (UNKNOWN): UNKNOWN Short-finned pilot whale (UNKNOWN): UNKNOWN South American fur seal (Chilean north stock): UNKNOWN South American sea lion (South American sea lion chilean stock): UNKNOWN Southern elephant seal (UNKNOWN): UNKNOWN Southern right whale (Chile-Peru Subpopulation): UNKNOWN Southern right-whale dolphin (UNKNOWN): UNKNOWN	
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Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Anchoveta(=Peruvian anchovy) (Engraulis ringens), Araucanian herring (Strangomera bentincki), Atlantic saury (Scomberesox saurus), Bigeye tuna (Thunnus obesus), Chilean jack mackerel (Trachurus murphyi), Chilean silverside (Odontesthes regia), Common dolphinfish (Coryphaena hippurus), Corvina drum (Cilus gilberti), Eastern Pacific bonito (Sarda chiliensis), Filefishes nei (Cantherhines (=Navodon) spp), Jumbo flying squid (Dosidicus gigas), Mote sculpin (Normanichthys crockeri), Pacific chub mackerel (Scomber japonicus), Pacific menhaden (Ethmidium maculatum), Pacific sandperch (Prolatilus jugularis), Palm ruff (Seriolella violacea), Patagonian squid (Loligo gahi), Plownose chimaera (Callorhinchus callorynchus), Silver warehou (Seriolella punctata), Snook (Thyrsites atun), South Pacific hake (Merluccius gayi), Starry butterflyfish (Stromateus stellatus), White warehou (Seriolella caerulea)	Purse seines, (Surface)	Number of Vessels: 10, Licenses: none provided, Participants: none provided, Aquaculture Facilities: N/A	EEZ,(FAO:87 Pacific Southeast),87.2.15, 87.2.16, 87.2.17, 87.2.25, 87.2.26, 87.2.27, 87.3.11, 87.3.21,Regions Valparaiso (V) to Los Lagos (X). Industrial operation (5-200 nm). #5	Antarctic fur seal (UNKNOWN) Antarctic minke whale (UNKNOWN) Blainville's beaked whale (UNKNOWN) Blue whale (UNKNOWN) Bryde's whale (UNKNOWN) Burmeister's porpoise (UNKNOWN) Chilean dolphin (Chilean north stock) Chilean dolphin (Chilean south stock) Chungungo, marine otter (UNKNOWN) Commerson's dolphin (UNKNOWN) Common bottlenose dolphin (UNKNOWN) Common dolphin, saddleback dolphin (UNKNOWN) Cuvier's beaked whale, goose-beaked whale (UNKNOWN) Dusky dolphin (UNKNOWN) Dwarf sperm whale (UNKNOWN) False killer whale (UNKNOWN) Fin whale (UNKNOWN) Hourglass dolphin (UNKNOWN) Humpback whale (UNKNOWN) Juan Fernandez fur seal (Juan Fernandez Archipelago) Killer whale, orca (UNKNOWN) Leopard seal (UNKNOWN) Long-finned pilot whale (UNKNOWN) Peale's dolphin (UNKNOWN) Pygmy right whale (UNKNOWN) Pygmy sperm whale (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Sei whale (UNKNOWN) Shepherd's beaked whale, Tasman beaked whale (UNKNOWN) Short-finned pilot whale (UNKNOWN) South American fur seal (Chilean south stock) South American sea lion (South American sea lion chilean stock) Southern bottlenose whale (UNKNOWN) Southern elephant seal (UNKNOWN) Southern right whale (Chile-Peru Subpopulation) Southern right-whale dolphin (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Subantarctic fur seal (UNKNOWN) otter unspecified (UNKNOWN)	Antarctic fur seal (UNKNOWN): 0 Antarctic minke whale (UNKNOWN): 0 Blainville's beaked whale (UNKNOWN): 0 Blue whale (UNKNOWN): 0 Bryde's whale (UNKNOWN): 0 Burmeister's porpoise (UNKNOWN): 0 Chilean dolphin (Chilean north stock): 0 Chilean dolphin (Chilean south stock): 0 Chungungo, marine otter (UNKNOWN): 0 Commerson's dolphin (UNKNOWN): 0 Common bottlenose dolphin (UNKNOWN): 0 Common dolphin, saddleback dolphin (UNKNOWN): 0 Cuvier's beaked whale, goose-beaked whale (UNKNOWN): 0 Dusky dolphin (UNKNOWN): 0 Dwarf sperm whale (UNKNOWN): 0 False killer whale (UNKNOWN): 0 Fin whale (UNKNOWN): 0 Hourglass dolphin (UNKNOWN): 0 Humpback whale (UNKNOWN): 0 Juan Fernandez fur seal (Juan Fernandez Archipelago): 0 Killer whale, orca (UNKNOWN): 0 Leopard seal (UNKNOWN): 0 Long-finned pilot whale (UNKNOWN): 0 Peale's dolphin (UNKNOWN): 0 Pygmy right whale (UNKNOWN): 0 Pygmy sperm whale (UNKNOWN): 0 Risso's dolphin, grampus (UNKNOWN): 0 Sei whale (UNKNOWN): 0 Shepherd's beaked whale, Tasman beaked whale (UNKNOWN): 0 Short-finned pilot whale (UNKNOWN): 0 South American fur seal (Chilean south stock): 0 South American sea lion (South American sea lion chilean stock): 50 Southern bottlenose whale (UNKNOWN): 0 Southern elephant seal (UNKNOWN): 0 Southern right whale (Chile-Peru Subpopulation): 0 Southern right-whale dolphin (UNKNOWN): 0 Sperm whale, cachalot (UNKNOWN): 0 Subantarctic fur seal (UNKNOWN): 0 otter unspecified (UNKNOWN): 0	

Anchoveta(=Peruvian anchovy) (Engraulis ringens), Araucanian herring (Strangomera bentincki), Atlantic saury (Scomberesox saurus), Chilean jack mackerel (Trachurus murphyi), Eastern Pacific bonito (Sarda chiliensis), Jumbo flying squid (Dosidicus gigas), Mote sculpin (Normanichthys crockeri), Pacific chub mackerel (Scomber japonicus), Pacific menhaden (Ethmidium maculatum), Palm ruff (Seriolella violacea), Patagonian squid (Loligo gahi), Starry butterflyfish (Stromateus stellatus), White warehou (Seriolella caerulea)

Purse seines, (Surface)

Number of Vessels: 274, Licenses: none provided, Participants: none provided, Aquaculture Facilities: N/A

EEZ,(FAO:87 Pacific Southeast),87.2.15, 87.2.16, 87.2.17, 87.3.11,Regions Valparaiso (V) to Los Lagos (XIV). Artisanal operation (0-5 nm). #10

Antarctic fur seal (UNKNOWN) Antarctic minke whale (UNKNOWN) Blainville's beaked whale (UNKNOWN) Blue whale (UNKNOWN) Bryde's whale (UNKNOWN) Burmeister's porpoise (UNKNOWN) Chilean dolphin (Chilean north stock) Chilean dolphin (Chilean south stock) Chungungo, marine otter (UNKNOWN) Commerson's dolphin (UNKNOWN) Common bottlenose dolphin (UNKNOWN) Common dolphin, saddleback dolphin (UNKNOWN) Cuvier's beaked whale, goose-beaked whale (UNKNOWN) Dusky dolphin (UNKNOWN) Dwarf sperm whale (UNKNOWN) False killer whale (UNKNOWN) Fin whale (UNKNOWN) Hourglass dolphin (UNKNOWN) Humpback whale (UNKNOWN) Juan Fernandez fur seal (Juan Fernandez Archipelago) Killer whale, orca (UNKNOWN) Leopard seal (UNKNOWN) Long-finned pilot whale (UNKNOWN) Peale's dolphin (UNKNOWN) Pygmy right whale (UNKNOWN) Pygmy sperm whale (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Sei whale (UNKNOWN) Shepherd's beaked whale, Tasman beaked whale (UNKNOWN) Short-finned pilot whale (UNKNOWN) South American fur seal (Chilean south stock) South American sea lion (South American sea lion chilean stock) Southern bottlenose whale (UNKNOWN) Southern elephant seal (UNKNOWN) Southern right whale (Chile-Peru Subpopulation) Southern right-whale dolphin (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Subantarctic fur seal (UNKNOWN) otter unspecified (UNKNOWN)

Antarctic fur seal (UNKNOWN): UNKNOWN Antarctic minke whale (UNKNOWN): UNKNOWN Blainville's beaked whale (UNKNOWN): UNKNOWN Blue whale (UNKNOWN): UNKNOWN Bryde's whale (UNKNOWN): UNKNOWN Burmeister's porpoise (UNKNOWN): UNKNOWN Chilean dolphin (Chilean north stock): UNKNOWN Chilean dolphin (Chilean south stock): UNKNOWN Chungungo, marine otter (UNKNOWN): UNKNOWN Commerson's dolphin (UNKNOWN): UNKNOWN Common bottlenose dolphin (UNKNOWN): UNKNOWN Common dolphin, saddleback dolphin (UNKNOWN): UNKNOWN Cuvier's beaked whale, goose-beaked whale (UNKNOWN): UNKNOWN Dusky dolphin (UNKNOWN): UNKNOWN Dwarf sperm whale (UNKNOWN): UNKNOWN False killer whale (UNKNOWN): UNKNOWN Fin whale (UNKNOWN): UNKNOWN Hourglass dolphin (UNKNOWN): UNKNOWN Humpback whale (UNKNOWN): UNKNOWN Juan Fernandez fur seal (Juan Fernandez Archipelago): UNKNOWN Killer whale, orca (UNKNOWN): UNKNOWN Leopard seal (UNKNOWN): UNKNOWN Long-finned pilot whale (UNKNOWN): UNKNOWN Peale's dolphin (UNKNOWN): UNKNOWN Pygmy right whale (UNKNOWN): UNKNOWN Pygmy sperm whale (UNKNOWN): UNKNOWN Risso's dolphin, grampus (UNKNOWN): UNKNOWN Sei whale (UNKNOWN): UNKNOWN Shepherd's beaked whale, Tasman beaked whale (UNKNOWN): UNKNOWN Short-finned pilot whale (UNKNOWN): UNKNOWN South American fur seal (Chilean south stock): UNKNOWN South American sea lion (South American sea lion chilean stock): UNKNOWN Southern bottlenose whale (UNKNOWN): UNKNOWN Southern elephant seal (UNKNOWN): UNKNOWN Southern right whale (Chile-Peru Subpopulation): UNKNOWN Southern right-whale dolphin (UNKNOWN): UNKNOWN Sperm whale, cachalot (UNKNOWN): UNKNOWN Subantarctic fur seal (UNKNOWN): UNKNOWN otter unspecified (UNKNOWN):

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Albacore (Thunnus alalunga), Anchoveta(=Peruvian anchovy) (Engraulis ringens), Araucanian herring (Strangomera bentincki), Atlantic saury (Scomberesox saurus), Bigeye tuna (Thunnus obesus), Blue fathead (Cubiceps caeruleus), Chilean jack mackerel (Trachurus murphyi), Common dolphinfish (Coryphaena hippurus), Corvina drum (Cilus gilberti), Eastern Pacific bonito (Sarda chiliensis), Jumbo flying squid (Dosidicus gigas), Mote sculpin (Normanichthys crockeri), Oceanic lightfish (Vinciguerria nimbaria), Pacific chub mackerel (Scomber japonicus), Pacific menhaden (Ethmidium maculatum), Pacific sandperch (Prolatilus jugularis), Palm ruff (Seriolella violacea), Patagonian grenadier (Macruronus magellanicus), Patagonian squid (Loligo gahi), Plownose chimaera (Callorhinchus callorhynchus), Red-eye round herring (Etrumeus teres), Shortfin scad (Decapterus macrosoma), Silver warehou (Seriolella punctata), Skipjack tuna (Katsuwonus pelamis), Snoek (Thyrsites atun), South Pacific hake (Merluccius gayi), Southern rays bream (Brama australis), Starry butterfish (Stromateus stellatus), Swordfish (Xiphias gladius), White warehou (Seriolella caerulea), Yellowfin tuna (Thunnus albacares), Yellowtail amberjack (Seriola lalandi)	Purse seines, (Surface)	Number of Vessels: 27, Licenses: none provided, Participants: none provided, Aquaculture Facilities: N/A	High Seas,EEZ,(FAO:87 Pacific Southeast),87.2.13, 87.2.14, 87.2.23, 87.2.24,Chilean Jack Mackerel industrial Purse Seine Fishery. Operating Between Chilean Administrative Regions Atacama (III) to Los Lagos (X) and in The Convention Area Of The South Pacific Regional Fisheries Management Organisation (SPRFMO). #9	Antarctic fur seal (UNKNOWN) Antarctic minke whale (UNKNOWN) Blainville's beaked whale (UNKNOWN) Blue whale (UNKNOWN) Bryde's whale (UNKNOWN) Burmeister's porpoise (UNKNOWN) Chilean dolphin (Chilean north stock) Chilean dolphin (Chilean south stock) Chungungo, marine otter (UNKNOWN) Commerson's dolphin (UNKNOWN) Common bottlenose dolphin (UNKNOWN) Common dolphin, saddleback dolphin (UNKNOWN) Cuvier's beaked whale, goose-beaked whale (UNKNOWN) Dusky dolphin (UNKNOWN) Dwarf sperm whale (UNKNOWN) False killer whale (UNKNOWN) Fin whale (UNKNOWN) Hourglass dolphin (UNKNOWN) Humpback whale (UNKNOWN) Juan Fernandez fur seal (Juan Fernandez Archipelago) Killer whale, orca (UNKNOWN)Leopard seal (UNKNOWN) Long-beaked Common Dolphin (UNKNOWN) Long-finned pilot whale (UNKNOWN) Peale's dolphin (UNKNOWN) Pygmy beaked whale (UNKNOWN) Pygmy killer whale (UNKNOWN) Pygmy right whale (UNKNOWN) Pygmy sperm whale (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Sei whale (UNKNOWN) Shepherd's beaked whale, Tasman beaked whale (UNKNOWN) Short-finned pilot whale (UNKNOWN) South American fur seal (Chilean north stock) South American fur seal (Chilean south stock) South American sea lion (South American sea lion chilean stock) Southern bottlenose whale (UNKNOWN) Southern elephant seal (UNKNOWN) Southern right whale (Chile-Peru Subpopulation) Southern right-whale dolphin (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Subantarctic fur seal (UNKNOWN) otter unspecified (UNKNOWN)	Antarctic fur seal (UNKNOWN): 0 Antarctic minke whale (UNKNOWN): 0 Blainville's beaked whale (UNKNOWN): 0 Blue whale (UNKNOWN): 0 Bryde's whale (UNKNOWN): 0 Burmeister's porpoise (UNKNOWN): 0 Chilean dolphin (Chilean north stock): 0 Chilean dolphin (Chilean south stock): 0 Chungungo, marine otter (UNKNOWN): 0 Commerson's dolphin (UNKNOWN): 0 Common bottlenose dolphin (UNKNOWN): 0 Common dolphin, saddleback dolphin (UNKNOWN): 0 Cuvier's beaked whale, goose-beaked whale (UNKNOWN): 0 Dusky dolphin (UNKNOWN): 0 Dwarf sperm whale (UNKNOWN): 0 False killer whale (UNKNOWN): 0 Fin whale (UNKNOWN): 0 Hourglass dolphin (UNKNOWN): 0 Humpback whale (UNKNOWN): 0 Juan Fernandez fur seal (Juan Fernandez Archipelago): 0 Killer whale, orca (UNKNOWN): 0 Leopard seal (UNKNOWN): 0 Long-beaked Common Dolphin (UNKNOWN): 0 Long-finned pilot whale (UNKNOWN): 0 Peale's dolphin (UNKNOWN): 0 Pygmy beaked whale (UNKNOWN): 0 Pygmy killer whale (UNKNOWN): 0 Pygmy right whale (UNKNOWN): 0 Pygmy sperm whale (UNKNOWN): 0 Risso's dolphin, grampus (UNKNOWN): 0 Sei whale (UNKNOWN): 0 Shepherd's beaked whale, Tasman beaked whale (UNKNOWN): 0 Short-finned pilot whale (UNKNOWN): 0 South American fur seal (Chilean north stock): 0 South American fur seal (Chilean south stock): 0 South American sea lion (South American sea lion chilean stock): 27.8 Southern bottlenose whale (UNKNOWN): 0 Southern elephant seal (UNKNOWN): 0 Southern right whale (Chile-Peru Subpopulation): 0 Southern right-whale dolphin (UNKNOWN): 0 Sperm whale, cachalot (UNKNOWN): 0 Subantarctic fur seal (UNKNOWN): 0 otter unspecified (UNKNOWN): 0	SPRFMO
Anchoveta(=Peruvian anchovy) (Engraulis ringens), Araucanian herring (Strangomera bentincki), Chilean jack mackerel (Trachurus murphyi), Falkland sprat (Sprattus fuegensis), Mote sculpin (Normanichthys crockeri), Munida spp (Munida spp), Pacific chub mackerel (Scomber japonicus), Pacific menhaden (Ethmidium maculatum), Starry butterfish (Stromateus stellatus)	Purse seines, (Surface)	Number of Vessels: 38, Licenses: none provided, Participants: none provided, Aquaculture Facilities: N/A	EEZ,(FAO:87 Pacific Southeast),87.3.11,Small Multispecific Pelagic Purse Seine Artisanal Fishery. Operate in Chilean Administrative Region Los Lagos (X), Internal Waters (0-5 nm). #7	Antarctic minke whale (UNKNOWN) Blainville's beaked whale (UNKNOWN) Blue whale (UNKNOWN) Burmeister's porpoise (UNKNOWN) Chilean dolphin (Chilean south stock) Chungungo, marine otter (UNKNOWN) Commerson's dolphin (UNKNOWN) Common bottlenose dolphin (UNKNOWN) Common dolphin, saddleback dolphin (UNKNOWN) Cuvier's beaked whale, goose-beaked whale (UNKNOWN) Dusky dolphin (UNKNOWN) False killer whale (UNKNOWN) Fin whale (UNKNOWN) Humpback whale (UNKNOWN) Killer whale, orca (UNKNOWN) Leopard seal (UNKNOWN) Long-finned pilot whale (UNKNOWN) Peale's dolphin (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Sei whale (UNKNOWN) South American fur seal (Chilean south stock) South American sea lion (South American sea lion chilean stock) Southern bottlenose whale (UNKNOWN) Southern elephant seal (UNKNOWN) Southern right whale (Chile-Peru Subpopulation) Southern right-whale dolphin (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN) Subantarctic fur seal (UNKNOWN) otter unspecified (UNKNOWN)	Antarctic minke whale (UNKNOWN): 0 Blainville's beaked whale (UNKNOWN): 0 Blue whale (UNKNOWN): 0 Burmeister's porpoise (UNKNOWN): 0 Chilean dolphin (Chilean south stock): 0 Chungungo, marine otter (UNKNOWN): 0 Commerson's dolphin (UNKNOWN): 0 Common bottlenose dolphin (UNKNOWN): 0 Common dolphin, saddleback dolphin (UNKNOWN): 0 Cuvier's beaked whale, goose-beaked whale (UNKNOWN): 0 Dusky dolphin (UNKNOWN): 0 False killer whale (UNKNOWN): 0 Fin whale (UNKNOWN): 0 Humpback whale (UNKNOWN): 0 Killer whale, orca (UNKNOWN): 0 Leopard seal (UNKNOWN): 0 Long-finned pilot whale (UNKNOWN): 0 Peale's dolphin (UNKNOWN): 0 Risso's dolphin, grampus (UNKNOWN): 0 Sei whale (UNKNOWN): 0 South American fur seal (Chilean south stock): 0 South American sea lion (South American sea lion chilean stock): 0 Southern bottlenose whale (UNKNOWN): 0 Southern elephant seal (UNKNOWN): 0 Southern right whale (Chile-Peru Subpopulation): 0 Southern right-whale dolphin (UNKNOWN): 0Sperm whale, cachalot (UNKNOWN): 0 Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN): 0 Subantarctic fur seal (UNKNOWN): 0 otter unspecified (UNKNOWN): 0	

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Anchoveta(=Peruvian anchovy) (Engraulis ringens), Falkland sprat (Sprattus fuegensis), Munida spp (Munida spp)	Purse seines, (Pelagic)	Number of Vessels: 8, Licenses: none provided, Participants: none provided, Aquaculture Facilities: N/A	EEZ,(FAO:87 Pacific Southeast),87.3.12,Pelagic Purse Seine Artisanal Fishery for Falkland sprat (Sardina austral). Operating in Chilean Administrative Region Aysen (XI), internal waters. 0-5 nm. #8	Antarctic minke whale (UNKNOWN) Blue whale (UNKNOWN) Burmeister's porpoise (UNKNOWN) Chilean dolphin (Chilean south stock) Chungungo, marine otter (UNKNOWN) Commerson's dolphin (UNKNOWN) Common bottlenose dolphin (UNKNOWN) Cuvier's beaked whale, goose-beaked whale (UNKNOWN) Dusky dolphin (UNKNOWN) False killer whale (UNKNOWN) Fin whale (UNKNOWN) Humpback whale (UNKNOWN) Killer whale, orca (UNKNOWN) Leopard seal (UNKNOWN) Long-finned pilot whale (UNKNOWN) Peale's dolphin (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Sei whale (UNKNOWN) South American fur seal (Chilean south stock) South American sea lion (South American sea lion chilean stock) Southern bottlenose whale (UNKNOWN) Southern elephant seal (UNKNOWN) Southern right whale (Chile-Peru Subpopulation) Southern right-whale dolphin (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN) otter unspecified (UNKNOWN)	Antarctic minke whale (UNKNOWN): UNKNOWN Blue whale (UNKNOWN): UNKNOWN Burmeister's porpoise (UNKNOWN): UNKNOWN Chilean dolphin (Chilean south stock): UNKNOWN Chungungo, marine otter (UNKNOWN): UNKNOWN Commerson's dolphin (UNKNOWN): UNKNOWN Common bottlenose dolphin (UNKNOWN): UNKNOWN Cuvier's beaked whale, goose-beaked whale (UNKNOWN): UNKNOWN Dusky dolphin (UNKNOWN): UNKNOWN False killer whale (UNKNOWN): UNKNOWN Fin whale (UNKNOWN): UNKNOWN Humpback whale (UNKNOWN): UNKNOWN Killer whale, orca (UNKNOWN): UNKNOWN Leopard seal (UNKNOWN): UNKNOWN Long-finned pilot whale (UNKNOWN): UNKNOWN Peale's dolphin (UNKNOWN): UNKNOWN Risso's dolphin, grampus (UNKNOWN): UNKNOWN Sei whale (UNKNOWN): UNKNOWN South American fur seal (Chilean south stock): UNKNOWN South American sea lion (South American sea lion chilean stock): UNKNOWN Southern bottlenose whale (UNKNOWN): UNKNOWN Southern elephant seal (UNKNOWN): UNKNOWN Southern right whale (Chile-Peru Subpopulation): UNKNOWN Southern right-whale dolphin (UNKNOWN): UNKNOWN Sperm whale, cachalot (UNKNOWN): UNKNOWN Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN): UNKNOWN otter unspecified (UNKNOWN): UNKNOWN	
Patagonian toothfish (Dissostichus eleginoides), Pink cusk-eel (Genypterus blacodes), Southern hake (Merluccius australis)	trot lines, (Demersal)	Number of Vessels: 209, Licenses: none provided, Participants: none provided, Aquaculture Facilities: N/A	EEZ,(FAO:87 Pacific Southeast),87.2.11, 87.2.12, 87.2.13, 87.2.14, 87.2.15, 87.2.16, 87.2.17, 87.3.11,Artisanal Trot Line Fishery For Patagonian Toothfish (Chilean Sea bass). Operating North of Latitude 47°S. #14	Antarctic fur seal (UNKNOWN) Antarctic minke whale (UNKNOWN) Blainville's beaked whale (UNKNOWN) Blue whale (UNKNOWN) Bryde's whale (UNKNOWN) Burmeister's porpoise (UNKNOWN) Chilean dolphin (Chilean north stock) Chilean dolphin (Chilean south stock) Chungungo, marine otter (UNKNOWN) Commerson's dolphin (UNKNOWN) Common bottlenose dolphin (UNKNOWN) Common dolphin, saddleback dolphin (UNKNOWN) Cuvier's beaked whale, goose-beaked whale (UNKNOWN) Dusky dolphin (UNKNOWN) Dwarf sperm whale (UNKNOWN) False killer whale (UNKNOWN) Fin whale (UNKNOWN) Hourglass dolphin (UNKNOWN) Humpback whale (UNKNOWN) Juan Fernandez fur seal (Juan Fernandez Archipelago) Killer whale, orca (UNKNOWN) Leopard seal (UNKNOWN) Long-beaked Common Dolphin (UNKNOWN) Long-finned pilot whale (UNKNOWN) Peale's dolphin (UNKNOWN) Pygmy beaked whale (UNKNOWN) Pygmy killer whale (UNKNOWN) Pygmy right whale (UNKNOWN) Pygmy sperm whale (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Sei whale (UNKNOWN) Shepherd's beaked whale, Tasman beaked whale (UNKNOWN) Short-finned pilot whale (UNKNOWN) South American fur seal (Chilean north stock) South American fur seal (Chilean south stock) South American sea lion (South American sea lion chilean stock) Southern bottlenose whale (UNKNOWN) Southern elephant seal (UNKNOWN) Southern right whale (Chile-Peru Subpopulation) Southern right-whale dolphin (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN) Striped dolphin (UNKNOWN) Subantarctic fur seal (UNKNOWN) otter unspecified (UNKNOWN)	Antarctic fur seal (UNKNOWN): UNKNOWN Antarctic minke whale (UNKNOWN): UNKNOWN Blainville's beaked whale (UNKNOWN): UNKNOWN Blue whale (UNKNOWN): UNKNOWN Bryde's whale (UNKNOWN): UNKNOWN Burmeister's porpoise (UNKNOWN): UNKNOWN Chilean dolphin (Chilean north stock): UNKNOWN Chilean dolphin (Chilean south stock): UNKNOWN Chungungo, marine otter (UNKNOWN): UNKNOWN Commerson's dolphin (UNKNOWN): UNKNOWN Common bottlenose dolphin (UNKNOWN): UNKNOWN Common dolphin, saddleback dolphin (UNKNOWN): UNKNOWN Cuvier's beaked whale, goose-beaked whale (UNKNOWN): UNKNOWN Dusky dolphin (UNKNOWN): UNKNOWN Dwarf sperm whale (UNKNOWN): UNKNOWN False killer whale (UNKNOWN): UNKNOWN Fin whale (UNKNOWN): UNKNOWN Hourglass dolphin (UNKNOWN): UNKNOWN Humpback whale (UNKNOWN): UNKNOWN Juan Fernandez fur seal (Juan Fernandez Archipelago): UNKNOWN Killer whale, orca (UNKNOWN): UNKNOWN Leopard seal (UNKNOWN): UNKNOWN Long-beaked Common Dolphin (UNKNOWN): UNKNOWN Long-finned pilot whale (UNKNOWN): UNKNOWN Peale's dolphin (UNKNOWN): UNKNOWN Pygmy beaked whale (UNKNOWN): UNKNOWN Pygmy killer whale (UNKNOWN): UNKNOWN Pygmy right whale (UNKNOWN): UNKNOWN Pygmy sperm whale (UNKNOWN): UNKNOWN Risso's dolphin, grampus (UNKNOWN): UNKNOWN Sei whale (UNKNOWN): UNKNOWN Shepherd's beaked whale, Tasman beaked whale (UNKNOWN): UNKNOWN Short-finned pilot whale (UNKNOWN): UNKNOWN South American fur seal (Chilean north stock): UNKNOWN South American fur seal (Chilean south stock): UNKNOWN South American sea lion (South American sea lion chilean stock): UNKNOWN Southern bottlenose whale (UNKNOWN): UNKNOWN Southern elephant seal (UNKNOWN): UNKNOWN Southern right whale (Chile-Peru Subpopulation):	

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Banded whiptail (<i>Coelorinchus fasciatus</i>), Bigeye grenadier (<i>Macrourus holotrachys</i>), Blue antimora (<i>Antimora rostrata</i>), Chilean grenadier (<i>Coelorinchus chilensis</i>), Patagonian toothfish (<i>Dissostichus eleginoides</i>), Ridge scaled rattail (<i>Macrourus carinatus</i>), Rosefishes nei (<i>Helicolenus spp</i>)	trot lines, (Demersal)	Number of Vessels: 31, Licenses: none provided, Participants: none provided, Aquaculture Facilities: N/A	EEZ,(FAO:87 Pacific Southeast),87.3.12, 87.3.13,Artisanal Trot Line Fishery For Patagonian Toothfish (Chilean Sea bass). Operating South of Latitude 47°S. #15	Antarctic minke whale (UNKNOWN) Arnoux's beaked whale (UNKNOWN) Blue whale (UNKNOWN) Burmeister's porpoise (UNKNOWN) Chilean dolphin (Chilean south stock) Chungungo, marine otter (UNKNOWN) Commerson's dolphin (UNKNOWN) Common bottlenose dolphin (UNKNOWN) Cuvier's beaked whale, goose-beaked whale (UNKNOWN) Dusky dolphin (UNKNOWN) False killer whale (UNKNOWN) Fin whale (UNKNOWN) Gray's beaked whale (UNKNOWN) Hector's beaked whale (UNKNOWN) Humpback whale (UNKNOWN) Killer whale, orca (UNKNOWN) Leopard seal (UNKNOWN) Long-finned pilot whale (UNKNOWN) Peale's dolphin (UNKNOWN) Pygmy beaked whale (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Sei whale (UNKNOWN) Shepherd's beaked whale, Tasman beaked whale (UNKNOWN) South American fur seal (Chilean south stock) South American sea lion (South American sea lion chilean stock) Southern bottlenose whale (UNKNOWN) Southern elephant seal (UNKNOWN) Southern right whale (Chile-Peru Subpopulation) Southern right whale (Southern Right Whale records in the Strait of Magellan, belonging to the Argentine population) Spectacled porpoise (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN) Subantarctic fur seal (UNKNOWN) otter unspecified (UNKNOWN)	Antarctic minke whale (UNKNOWN): UNKNOWN Arnoux's beaked whale (UNKNOWN): UNKNOWN Blue whale (UNKNOWN): UNKNOWN Burmeister's porpoise (UNKNOWN): UNKNOWN Chilean dolphin (Chilean south stock): UNKNOWN Chungungo, marine otter (UNKNOWN): UNKNOWN Commerson's dolphin (UNKNOWN): UNKNOWN Common bottlenose dolphin (UNKNOWN): UNKNOWN Cuvier's beaked whale, goose-beaked whale (UNKNOWN): UNKNOWN Dusky dolphin (UNKNOWN): UNKNOWN False killer whale (UNKNOWN): UNKNOWN Fin whale (UNKNOWN): UNKNOWN Gray's beaked whale (UNKNOWN): UNKNOWN Hector's beaked whale (UNKNOWN): UNKNOWN Humpback whale (UNKNOWN): UNKNOWN Killer whale, orca (UNKNOWN): UNKNOWN Leopard seal (UNKNOWN): UNKNOWN Long-finned pilot whale (UNKNOWN): UNKNOWN Peale's dolphin (UNKNOWN): UNKNOWN Pygmy beaked whale (UNKNOWN): UNKNOWN Risso's dolphin, grampus (UNKNOWN): UNKNOWN Sei whale (UNKNOWN): UNKNOWN Shepherd's beaked whale, Tasman beaked whale (UNKNOWN): UNKNOWN South American fur seal (Chilean south stock): UNKNOWN South American sea lion (South American sea lion chilean stock): UNKNOWN Southern bottlenose whale (UNKNOWN): UNKNOWN Southern elephant seal (UNKNOWN): UNKNOWN Southern right whale (Chile-Peru Subpopulation): UNKNOWN Southern right whale (Southern Right Whale records in the Strait of Magellan, belonging to the Argentine population): UNKNOWN Southern right-whale dolphin (UNKNOWN): UNKNOWN Spectacled porpoise (UNKNOWN): UNKNOWN Sperm whale, cachalot (UNKNOWN): UNKNOWN Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN): UNKNOWN Subantarctic fur seal (UNKNOWN): UNKNOWN otter unspecified (UNKNOWN): UNKNOWN	RFMO
Patagonian toothfish (<i>Dissostichus eleginoides</i>)	Longlines (not specified), (Bottom)	Number of Vessels: 1, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	High Seas,EEZ,(FAO:48 Atlantic Antarctic),48.3,Industrial longline fishery targeting Patagonian toothfish (bacalao de profundidad). Operation in CCAMLR subarea 48.3. #39	Antarctic minke whale (UNKNOWN) Arnoux's beaked whale (UNKNOWN) Blue whale (UNKNOWN) Dwarf minke whale (UNKNOWN) Fin whale (UNKNOWN) Hourglass dolphin (UNKNOWN) Humpback whale (UNKNOWN) Killer whale, orca (UNKNOWN) Long-finned pilot whale (UNKNOWN) Sei whale (UNKNOWN) Southern bottlenose whale (UNKNOWN) Southern right whale (Southern Right Whale records in the Strait of Magellan, belonging to the Argentine population) Southern right-whale dolphin (UNKNOWN) Spectacled porpoise (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN)	Antarctic minke whale (UNKNOWN): 0 Arnoux's beaked whale (UNKNOWN): 0 Blue whale (UNKNOWN): 0 Dwarf minke whale (UNKNOWN): 0 Fin whale (UNKNOWN): 0 Hourglass dolphin (UNKNOWN): 0 Humpback whale (UNKNOWN): 0 Killer whale, orca (UNKNOWN): 0 Long-finned pilot whale (UNKNOWN): 0 Sei whale (UNKNOWN): 0 Southern bottlenose whale (UNKNOWN): 0 Southern right whale (Southern Right Whale records in the Strait of Magellan, belonging to the Argentine population): 0 Southern right-whale dolphin (UNKNOWN): 0 Spectacled porpoise (UNKNOWN): 0 Sperm whale, cachalot (UNKNOWN): 0 Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN): 0	CCAMLR

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Patagonian toothfish (<i>Dissostichus eleginoides</i>)	Longlines (not specified), (Bottom)	Number of Vessels: 0, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	High Seas,(FAO:88 Pacific Antarctic),88.1, 88.2,West Antarctica/Ross Sea region (Subarea 88.1 and 88.2 CCAMLR) #40	Antarctic fur seal (UNKNOWN) Arnoux's beaked whale (UNKNOWN) Blue whale (UNKNOWN) Common minke whale (UNKNOWN) Crabeater seal (UNKNOWN) Fin whale (UNKNOWN) Humpback whale (UNKNOWN) Killer whale, orca (UNKNOWN) Leopard seal (UNKNOWN) Ross seal (UNKNOWN) Sei whale (UNKNOWN) Southern bottlenose whale (UNKNOWN) Southern elephant seal (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Weddell seal (UNKNOWN)	Antarctic fur seal (UNKNOWN): UNKNOWN Arnoux's beaked whale (UNKNOWN): UNKNOWN Blue whale (UNKNOWN): UNKNOWN Common minke whale (UNKNOWN): UNKNOWN Crabeater seal (UNKNOWN): UNKNOWN Fin whale (UNKNOWN): UNKNOWN Humpback whale (UNKNOWN): UNKNOWN Killer whale, orca (UNKNOWN): UNKNOWN Leopard seal (UNKNOWN): UNKNOWN Ross seal (UNKNOWN): UNKNOWN Sei whale (UNKNOWN): UNKNOWN Southern bottlenose whale (UNKNOWN): UNKNOWN Southern elephant seal (UNKNOWN): UNKNOWN Sperm whale, cachalot (UNKNOWN): UNKNOWN Weddell seal (UNKNOWN): UNKNOWN	CCAMLR
Albacore (<i>Thunnus alalunga</i>), Angler(=Monk) (<i>Lophius piscatorius</i>), Bigeye tuna (<i>Thunnus obesus</i>), Blue shark (<i>Prionace glauca</i>), Butterfly kingfish (<i>Gasterochisma melampus</i>), Common dolphinfish (<i>Coryphaena hippurus</i>), Eastern Pacific bonito (<i>Sarda chiliensis</i>), Escolar (<i>Lepidocybium flavobrunneum</i>), Oilfish (<i>Ruvettus pretiosus</i>), Opah (<i>Lampris guttatus</i>), Porbeagle (<i>Lamna nasus</i>), Rays and skates nei (<i>Rajidae</i>), Shortfin mako (<i>Isurus oxyrinchus</i>), Skipjack tuna (<i>Katsuwonus pelamis</i>), Striped marlin (<i>Tetrapturus audax</i>), Striped marlin (<i>Tetrapturus audax</i>), Thresher (<i>Alopias vulpinus</i>), Wahoo (<i>Acanthocybium solandri</i>), Yellowfin tuna (<i>Thunnus albacares</i>), Yellowtail amberjack (<i>Seriola lalandi</i>)	Longlines (not specified), (Pelagic)	Number of Vessels: 100, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:87 Pacific Southeast),87.2.11, 87.2.12, 87.2.13,Artisanal Longlines fishery of Common dolphinfish (dorado de altura). Operating in Chilean administrative Regions: Arica-Parinacota (XV) to Atacama (III). #32	Antarctic minke whale (UNKNOWN) Blue whale (UNKNOWN) Bryde's whale (UNKNOWN) Burmeister's porpoise (UNKNOWN) Chungungo, marine otter (UNKNOWN) Common bottlenose dolphin (UNKNOWN) Common dolphin, saddleback dolphin (UNKNOWN) Cuvier's beaked whale, goose-beaked whale (UNKNOWN) Dusky dolphin (UNKNOWN) Dwarf sperm whale (UNKNOWN) False killer whale (UNKNOWN) Fin whale (UNKNOWN) Humpback whale (UNKNOWN) Killer whale, orca (UNKNOWN) Long-beaked Common Dolphin (UNKNOWN) Long-finned pilot whale (UNKNOWN) Pygmy beaked whale (UNKNOWN) Pygmy killer whale (UNKNOWN) Pygmy sperm whale (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Sei whale (UNKNOWN) Short-finned pilot whale (UNKNOWN) South American fur seal (Chilean north stock) South American sea lion (South American sea lion chilean stock) Southern elephant seal (UNKNOWN) Southern right whale (Chile-Peru Subpopulation) Southern right-whale dolphin (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Striped dolphin (UNKNOWN) Subantarctic fur seal (UNKNOWN)	Antarctic minke whale (UNKNOWN): 0 Blue whale (UNKNOWN): 0 Bryde's whale (UNKNOWN): 0 Burmeister's porpoise (UNKNOWN): 0 Chungungo, marine otter (UNKNOWN): 0 Common bottlenose dolphin (UNKNOWN): 0 Common dolphin, saddleback dolphin (UNKNOWN): 0 Cuvier's beaked whale, goose-beaked whale (UNKNOWN): 0 Dusky dolphin (UNKNOWN): 0 Dwarf sperm whale (UNKNOWN): 0 False killer whale (UNKNOWN): 0 Fin whale (UNKNOWN): 0 Humpback whale (UNKNOWN): 0 Killer whale, orca (UNKNOWN): 0 Long-beaked Common Dolphin (UNKNOWN): 0 Long-finned pilot whale (UNKNOWN): 0 Pygmy beaked whale (UNKNOWN): 0 Pygmy killer whale (UNKNOWN): 0 Pygmy sperm whale (UNKNOWN): 0 Risso's dolphin, grampus (UNKNOWN): 0 Sei whale (UNKNOWN): 0 Short-finned pilot whale (UNKNOWN): 0 South American fur seal (Chilean north stock): 0 South American sea lion (South American sea lion chilean stock): 0 Southern elephant seal (UNKNOWN): 0 Southern right whale (Chile-Peru Subpopulation): 0 Southern right-whale dolphin (UNKNOWN): 0 Sperm whale, cachalot (UNKNOWN): 0 Striped dolphin (UNKNOWN): 0 Subantarctic fur seal (UNKNOWN): 0	IATTC
Anchoveta(=Peruvian anchovy) (<i>Engraulis ringens</i>), Atlantic saury (<i>Scomberesox saurus</i>), Cabinza grunt (<i>Isacia conceptionis</i>), Chilean jack mackerel (<i>Trachurus murphyi</i>), Chilean silverside (<i>Odontesthes regia</i>), Common dolphinfish (<i>Coryphaena hippurus</i>), Eastern Pacific bonito (<i>Sarda chiliensis</i>), Jumbo flying squid (<i>Dosidicus gigas</i>), Longnose anchovy (<i>Anchoa nasus</i>), Mote sculpin (<i>Normanichthys crockeri</i>), Oceanic lightfish (<i>Vinciguerria nimbaria</i>), Pacific chub mackerel (<i>Scomber japonicus</i>), Pacific menhaden (<i>Ethmidium maculatum</i>), Patagonian squid (<i>Loligo gahi</i>), Peruvian weakfish (<i>Cynoscion analis</i>), Plownose chimaera (<i>Callorhynchus callorhynchus</i>), Red-eye round herring (<i>Etrumeus teres</i>), Sciaenas nei (<i>Sciaena spp</i>), Shortfin scad (<i>Decapterus macrosoma</i>), Snakehead kingcroaker (<i>Menticirrhus ophicephalus</i>), South American pilchard (<i>Sardinops sagax</i>), Starry butterfish (<i>Stromateus stellatus</i>), Stellifer spp (<i>Stellifer spp</i>)	Purse seines, (Surface)	Number of Vessels: 61, Licenses: none provided, Participants: none provided, Aquaculture Facilities: N/A	EEZ,(FAO:87 Pacific Southeast),87.2.11, 87.2.12,Multispecific Small pelagic artisanal fishery. Chilean administrative Regions: Arica-Parinacota (XV) to Antofagasta (II). #1	Antarctic minke whale (UNKNOWN) Blue whale (UNKNOWN) Bryde's whale (UNKNOWN) Burmeister's porpoise (UNKNOWN) Chungungo, marine otter (UNKNOWN) Common bottlenose dolphin (UNKNOWN) Common dolphin, saddleback dolphin (UNKNOWN) Dusky dolphin (UNKNOWN) Dwarf sperm whale (UNKNOWN) False killer whale (UNKNOWN) Fin whale (UNKNOWN) Humpback whale (UNKNOWN) Killer whale, orca (UNKNOWN) Long-beaked Common Dolphin (UNKNOWN) Long-finned pilot whale (UNKNOWN) Pygmy killer whale (UNKNOWN) Pygmy sperm whale (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Sei whale (UNKNOWN) Short-finned pilot whale (UNKNOWN) South American fur seal (Chilean north stock) South American sea lion (South American sea lion chilean stock) Southern elephant seal (UNKNOWN) Southern right whale (Chile-Peru Subpopulation) Southern right-whale dolphin (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Striped dolphin (UNKNOWN) Subantarctic fur seal (UNKNOWN)	Antarctic minke whale (UNKNOWN): 0 Blue whale (UNKNOWN): 0 Bryde's whale (UNKNOWN): 0 Burmeister's porpoise (UNKNOWN): 0 Chungungo, marine otter (UNKNOWN): 0 Common bottlenose dolphin (UNKNOWN): 0 Common dolphin, saddleback dolphin (UNKNOWN): 0 Dusky dolphin (UNKNOWN): 0 Dwarf sperm whale (UNKNOWN): 0 False killer whale (UNKNOWN): 0 Fin whale (UNKNOWN): 0 Humpback whale (UNKNOWN): 0 Killer whale, orca (UNKNOWN): 0 Long-beaked Common Dolphin (UNKNOWN): 0 Long-finned pilot whale (UNKNOWN): 0 Pygmy killer whale (UNKNOWN): 0 Pygmy sperm whale (UNKNOWN): 0 Risso's dolphin, grampus (UNKNOWN): 0 Sei whale (UNKNOWN): 0 Short-finned pilot whale (UNKNOWN): 0 South American fur seal (Chilean north stock): 0 South American sea lion (South American sea lion chilean stock): 0 Southern elephant seal (UNKNOWN): 0 Southern right whale (Chile-Peru Subpopulation): 0 Southern right-whale dolphin (UNKNOWN): 0 Sperm whale, cachalot (UNKNOWN): 0 Striped dolphin (UNKNOWN): 0 Subantarctic fur seal (UNKNOWN): 0	

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Anchoveta(=Peruvian anchovy) (Engraulis ringens), Atlantic saury (Scomberesox saurus), Chilean jack mackerel (Trachurus murphyi), Common dolphinfish (Coryphaena hippurus), Eastern Pacific bonito (Sarda chiliensis), Jumbo flying squid (Dosidicus gigas), Mote sculpin (Normanichthys crockeri), Pacific chub mackerel (Scomber japonicus), Pacific menhaden (Ethmidium maculatum), Palm ruff (Seriolella violacea), Patagonian squid (Loligo gahi), Skipjack tuna (Katsuwonus pelamis), South American pilchard (Sardinops sagax), Starry butterfish (Stromateus stellatus)	Purse seines, (Surface)	Number of Vessels: 142, Licenses: none provided, Participants: none provided, Aquaculture Facilities: N/A	EEZ,(FAO:87 Pacific Southeast),87.2.13, 87.2.14,Multispecific Small pelagic artisanal fishery. Chilean administrative Regions: Atacama (III) to Coquimbo (IV) Operating whithin 5nm #3	Antarctic minke whale (UNKNOWN) Blue whale (UNKNOWN) Bryde's whale (UNKNOWN) Burmeister's porpoise (UNKNOWN) Chungungo, marine otter (UNKNOWN) Common bottlenose dolphin (UNKNOWN) Common dolphin, saddleback dolphin (UNKNOWN) Cuvier's beaked whale, goose-beaked whale (UNKNOWN) Dusky dolphin (UNKNOWN) False killer whale (UNKNOWN) Fin whale (UNKNOWN) Humpback whale (UNKNOWN) Killer whale, orca (UNKNOWN) Leopard seal (UNKNOWN) Long-beaked Common Dolphin (UNKNOWN) Long-finned pilot whale (UNKNOWN) Pygmy beaked whale (UNKNOWN) Pygmy killer whale (UNKNOWN) Pygmy sperm whale (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Sei whale (UNKNOWN) Short-finned pilot whale (UNKNOWN) South American fur seal (Chilean north stock) South American sea lion (South American sea lion chilean stock) Southern elephant seal (UNKNOWN) Southern right whale (Chile-Peru Subpopulation) Southern right-whale dolphin (UNKNOWN) Sperm whale, cachalot (UNKNOWN)	Antarctic minke whale (UNKNOWN): UNKNOWN Blue whale (UNKNOWN): UNKNOWN Bryde's whale (UNKNOWN): UNKNOWN Burmeister's porpoise (UNKNOWN): UNKNOWN Chungungo, marine otter (UNKNOWN): UNKNOWN Common bottlenose dolphin (UNKNOWN): UNKNOWN Common dolphin, saddleback dolphin (UNKNOWN): UNKNOWN Cuvier's beaked whale, goose-beaked whale (UNKNOWN): UNKNOWN Dusky dolphin (UNKNOWN): UNKNOWN False killer whale (UNKNOWN): UNKNOWN Fin whale (UNKNOWN): UNKNOWN Humpback whale (UNKNOWN): UNKNOWN Killer whale, orca (UNKNOWN): UNKNOWN Leopard seal (UNKNOWN): UNKNOWN Long-beaked Common Dolphin (UNKNOWN): UNKNOWN Long-finned pilot whale (UNKNOWN): UNKNOWN Pygmy beaked whale (UNKNOWN): UNKNOWN Pygmy killer whale (UNKNOWN): UNKNOWN Pygmy sperm whale (UNKNOWN): UNKNOWN Risso's dolphin, grampus (UNKNOWN): UNKNOWN Sei whale (UNKNOWN): UNKNOWN Short-finned pilot whale (UNKNOWN): UNKNOWN South American fur seal (Chilean north stock): UNKNOWN South American sea lion (South American sea lion chilean stock): UNKNOWN Southern elephant seal (UNKNOWN): UNKNOWN Southern right whale (Chile-Peru Subpopulation): UNKNOWN Southern right-whale dolphin (UNKNOWN): UNKNOWN Sperm whale, cachalot (UNKNOWN): UNKNOWN	
Anchoveta(=Peruvian anchovy) (Engraulis ringens), Araucanian herring (Strangomera bentincki), Atlantic saury (Scomberesox saurus), Bigeye flounder (Hippoglossina macrops), Chilean jack mackerel (Trachurus murphyi), Chilean silverside (Odontesthes regia), Corvina drum (Cilus gilberti), Eastern Pacific bonito (Sarda chiliensis), Filefishes nei (Cantherhines (=Navodon) spp), Jumbo flying squid (Dosidicus gigas), Mote sculpin (Normanichthys crockeri), Pacific chub mackerel (Scomber japonicus), Pacific menhaden (Ethmidium maculatum), Pacific sandperch (Prolatilus jugularis), Palm ruff (Seriolella violacea), Patagonian grenadier (Macruronus magellanicus), Patagonian squid (Loligo gahi), Pink cusk-eel (Genypterus blacodes), Plownose chimaera (Callorhinchus callorynchus), Snoek (Thyrsites atun), South Pacific hake (Merluccius gayi), Starry butterfish (Stromateus stellatus), White warehou (Seriolella caerulea)	Purse seines, (Surface)	Number of Vessels: 481, Licenses: none provided, Participants: none provided, Aquaculture Facilities: N/A	EEZ,(FAO:87 Pacific Southeast),87.2.15, 87.2.16, 87.2.17, 87.3.11,Regions Valparaiso (V) to Los Rios (XIV). Artisanal operation (0-5 nm). #6	Antarctic fur seal (UNKNOWN) Antarctic minke whale (UNKNOWN) Blue whale (UNKNOWN) Bryde's whale (UNKNOWN) Burmeister's porpoise (UNKNOWN) Chilean dolphin (Chilean north stock) Chilean dolphin (Chilean south stock)Chungungo, marine otter (UNKNOWN) Common bottlenose dolphin (UNKNOWN) Common dolphin, saddleback dolphin (UNKNOWN) Cuvier's beaked whale, goose-beaked whale (UNKNOWN) Dusky dolphin (UNKNOWN) Dwarf sperm whale (UNKNOWN) False killer whale (UNKNOWN) Fin whale (UNKNOWN) Hourglass dolphin (UNKNOWN) Humpback whale (UNKNOWN) Juan Fernandez fur seal (Juan Fernandez Archipelago) Killer whale, orca (UNKNOWN) Leopard seal (UNKNOWN) Long-finned pilot whale (UNKNOWN) Peale's dolphin (UNKNOWN) Pygmy sperm whale (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Sei whale (UNKNOWN) Shepherd's beaked whale, Tasman beaked whale (UNKNOWN) Short-finned pilot whale (UNKNOWN) South American sea lion (South American sea lion chilean stock) Southern bottlenose whale (UNKNOWN) Southern elephant seal (UNKNOWN) Southern right whale (Chile-Peru Subpopulation) Southern right-whale dolphin (UNKNOWN) Sperm whale, cachalot (UNKNOWN) otter unspecified (UNKNOWN)	Antarctic fur seal (UNKNOWN): 0 Antarctic minke whale (UNKNOWN): 0 Blue whale (UNKNOWN): 0 Bryde's whale (UNKNOWN): 0 Burmeister's porpoise (UNKNOWN): 0 Chilean dolphin (Chilean north stock): 0 Chilean dolphin (Chilean south stock): 0 Chungungo, marine otter (UNKNOWN): 0 Common bottlenose dolphin (UNKNOWN): 0 Common dolphin, saddleback dolphin (UNKNOWN): 0 Cuvier's beaked whale, goose-beaked whale (UNKNOWN): 0 Dusky dolphin (UNKNOWN): 0 Dwarf sperm whale (UNKNOWN): 0 False killer whale (UNKNOWN): 0 Fin whale (UNKNOWN): 0 Hourglass dolphin (UNKNOWN): 0 Humpback whale (UNKNOWN): 0 Juan Fernandez fur seal (Juan Fernandez Archipelago): 0 Killer whale, orca (UNKNOWN): 0 Leopard seal (UNKNOWN): 0 Long-finned pilot whale (UNKNOWN): 0 Peale's dolphin (UNKNOWN): 0 Pygmy sperm whale (UNKNOWN): 0 Risso's dolphin, grampus (UNKNOWN): 0 Sei whale (UNKNOWN): 0 Shepherd's beaked whale, Tasman beaked whale (UNKNOWN): 0 Short-finned pilot whale (UNKNOWN): 0 South American sea lion (South American sea lion chilean stock): 50.8 Southern bottlenose whale (UNKNOWN): 0 Southern elephant seal (UNKNOWN): 0 Southern right whale (Chile-Peru Subpopulation): 0 Southern right-whale dolphin (UNKNOWN): 0 Sperm whale, cachalot (UNKNOWN): 0 otter unspecified (UNKNOWN): 0	

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
<p>Anchoveta(=Peruvian anchovy) (Engraulis ringens), Atlantic saury (Scomberesox saurus), Chilean jack mackerel (Trachurus murphyi), Chilean silverside (Odontesthes regia), Common dolphinfish (Coryphaena hippurus), Corvina drum (Cilus gilberti), Eastern Pacific bonito (Sarda chiliensis), Jumbo flying squid (Dosidicus gigas), Longnose anchovy (Anchoa nasus), Mote sculpin (Normanichthys crockeri), Ocean sunfish (Mola mola), Oceanic lightfish (Vinciguerria nimbaria), Opah (Lampris guttatus), Pacific chub mackerel (Scomber japonicus), Pacific menhaden (Ethmidium maculatum), Patagonian squid (Loligo gahi), Plownose chimaera (Callorhynchus callorynchus), Punctuated snake-eel (Ophichthus remiger), Red-eye round herring (Etrumeus teres), Sciaenas nei (Sciaena spp), Shortfin scad (Decapterus macrosoma), Skipjack tuna (Katsuwonus pelamis), South American pilchard (Sardinops sagax), Starry butterflyfish (Stromateus stellatus), Swordfish (Xiphias gladius)</p>	<p>Purse seines, (Surface)</p>	<p>Number of Vessels: 55, Licenses: 55, Participants: 55, Aquaculture Facilities: N/A</p>	<p>High Seas,EEZ,(FAO:87 Pacific Southeast),87.2.11, 87.2.12, 87.2.21, 87.2.22,Regions Arica-Parinacota (XV) to Antofagasta (II). Anchovy (anchoveta) industrial operation (1-200 nm). #2</p>	<p>Antarctic minke whale (UNKNOWN) Blue whale (UNKNOWN) Bryde's whale (UNKNOWN) Burmeister's porpoise (UNKNOWN) Chungungo, marine otter (UNKNOWN) Common bottlenose dolphin (UNKNOWN) Common dolphin, saddleback dolphin (UNKNOWN) Dusky dolphin (UNKNOWN) Dwarf sperm whale (UNKNOWN) False killer whale (UNKNOWN) Fin whale (UNKNOWN) Humpback whale (UNKNOWN) Killer whale, orca (UNKNOWN) Long-beaked Common Dolphin (UNKNOWN) Long-finned pilot whale (UNKNOWN) Pygmy killer whale (UNKNOWN) Pygmy sperm whale (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Sei whale (UNKNOWN) Short-finned pilot whale (UNKNOWN) South American fur seal (Chilean north stock) South American sea lion (South American sea lion chilean stock) Southern elephant seal (UNKNOWN) Southern right whale (Chile-Peru Subpopulation) Southern right-whale dolphin (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Striped dolphin (UNKNOWN) Subantarctic fur seal (UNKNOWN) Antarctic minke whale (UNKNOWN) Blue whale (UNKNOWN) Burmeister's porpoise (UNKNOWN) Chilean dolphin (Chilean north stock) Chungungo, marine otter (UNKNOWN) Commerson's dolphin (UNKNOWN) Common bottlenose dolphin (UNKNOWN) Cuvier's beaked whale, goose-beaked whale (UNKNOWN) Dusky dolphin (UNKNOWN) False killer whale (UNKNOWN) Fin whale (UNKNOWN) Humpback whale (UNKNOWN) Killer whale, orca (UNKNOWN) Leopard seal (UNKNOWN) Long-finned pilot whale (UNKNOWN) Peale's dolphin (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Sei whale (UNKNOWN) South American fur seal (Chilean north stock) South American sea lion (South American sea lion chilean stock) Southern bottlenose whale (UNKNOWN) Southern elephant seal (UNKNOWN) Southern right whale (Chile-Peru Subpopulation) Southern right-whale dolphin (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN) otter unspecified (UNKNOWN)</p>	<p>Antarctic minke whale (UNKNOWN): 0 Blue whale (UNKNOWN): 0 Bryde's whale (UNKNOWN): 0 Burmeister's porpoise (UNKNOWN): 0 Chungungo, marine otter (UNKNOWN): 0 Common bottlenose dolphin (UNKNOWN): 15 Common dolphin, saddleback dolphin (UNKNOWN): 15 Dusky dolphin (UNKNOWN): 71.5 Dwarf sperm whale (UNKNOWN): 0 False killer whale (UNKNOWN): 0 Fin whale (UNKNOWN): 0 Humpback whale (UNKNOWN): 0 Killer whale, orca (UNKNOWN): 0 Long-beaked Common Dolphin (UNKNOWN): 0 Long-finned pilot whale (UNKNOWN): 0 Pygmy killer whale (UNKNOWN): 0 Pygmy sperm whale (UNKNOWN): 0 Risso's dolphin, grampus (UNKNOWN): 0 Sei whale (UNKNOWN): 0 Short-finned pilot whale (UNKNOWN): 0 South American fur seal (Chilean north stock): 0 South American sea lion (South American sea lion chilean stock): 7.5 Southern elephant seal (UNKNOWN): 0 Southern right whale (Chile-Peru Subpopulation): 0 Southern right-whale dolphin (UNKNOWN): 0 Sperm whale, cachalot (UNKNOWN): 0 Striped dolphin (UNKNOWN): 0 Subantarctic fur seal (UNKNOWN): 0 Antarctic minke whale (UNKNOWN): 0 Blue whale (UNKNOWN): 0 Burmeister's porpoise (UNKNOWN): 0 Chilean dolphin (Chilean north stock): 0 Chungungo, marine otter (UNKNOWN): 0 Commerson's dolphin (UNKNOWN): 0 Common bottlenose dolphin (UNKNOWN): 0 Cuvier's beaked whale, goose-beaked whale (UNKNOWN): 0 Dusky dolphin (UNKNOWN): 0 False killer whale (UNKNOWN): 0 Fin whale (UNKNOWN): 0 Humpback whale (UNKNOWN): 0 Killer whale, orca (UNKNOWN): 0 Leopard seal (UNKNOWN): 0 Long-finned pilot whale (UNKNOWN): 0 Peale's dolphin (UNKNOWN): 0 Risso's dolphin, grampus (UNKNOWN): 0 Sei whale (UNKNOWN): 0 South American fur seal (Chilean north stock): 0 South American sea lion (South American sea lion chilean stock): UNKNOWN Southern bottlenose whale (UNKNOWN): 0 Southern elephant seal (UNKNOWN): 0 Southern right whale (Chile-Peru Subpopulation): 0 Southern right-whale dolphin (UNKNOWN): 0 Sperm whale, cachalot (UNKNOWN): 0 Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN): 0</p>	
<p>Atlantic salmon (Salmo salar), Coho(=Silver) salmon (Oncorhynchus kisutch), Rainbow trout (Oncorhynchus mykiss)</p>	<p>Aquaculture (cages, net pens), (Surface)</p>	<p>Number of Vessels: none provided, Licenses: none provided, Participants: 7, Aquaculture Facilities: 35</p>	<p>EEZ,(FAO:87 Pacific Southeast),87.3.12,REGIÓ N DE AYSÉN DEL GENERAL CARLOS IBÁÑEZ DEL CAMPO; COMUNA DE CISNES; ACS 20</p>			

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Atlantic salmon (<i>Salmo salar</i>), Coho(=Silver) salmon (<i>Oncorhynchus kisutch</i>), Rainbow trout (<i>Oncorhynchus mykiss</i>)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: none provided, Licenses: none provided, Participants: 3, Aquaculture Facilities: 16	EEZ,(FAO:87 Pacific Southeast),87.3.12,REGIÓ N DE AYSÉN DEL GENERAL CARLOS IBÁÑEZ DEL CAMPO; COMUNA DE AISÉN; ACS 24	Antarctic minke whale (UNKNOWN) Blue whale (UNKNOWN) Burmeister's porpoise (UNKNOWN) Chilean dolphin (Chilean north stock) Chungungo, marine otter (UNKNOWN) Commerson's dolphin (UNKNOWN) Common bottlenose dolphin (UNKNOWN) Cuvier's beaked whale, goose-beaked whale (UNKNOWN) Dusky dolphin (UNKNOWN) False killer whale (UNKNOWN) Fin whale (UNKNOWN) Humpback whale (UNKNOWN) Killer whale, orca (UNKNOWN) Leopard seal (UNKNOWN) Long-finned pilot whale (UNKNOWN) Peale's dolphin (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Sei whale (UNKNOWN) South American fur seal (Chilean north stock) South American sea lion (South American sea lion chilean stock) Southern bottlenose whale (UNKNOWN) Southern elephant seal (UNKNOWN) Southern right whale (Chile-Peru Subpopulation) Southern right-whale dolphin (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN) otter unspecified (UNKNOWN)	Antarctic minke whale (UNKNOWN): 0 Blue whale (UNKNOWN): 0 Burmeister's porpoise (UNKNOWN): 0 Chilean dolphin (Chilean north stock): 0 Chungungo, marine otter (UNKNOWN): 0 Commerson's dolphin (UNKNOWN): 0 Common bottlenose dolphin (UNKNOWN): 0 Cuvier's beaked whale, goose-beaked whale (UNKNOWN): 0 Dusky dolphin (UNKNOWN): 0 False killer whale (UNKNOWN): 0 Fin whale (UNKNOWN): 0 Humpback whale (UNKNOWN): 0 Killer whale, orca (UNKNOWN): 0 Leopard seal (UNKNOWN): 0 Long-finned pilot whale (UNKNOWN): 0 Peale's dolphin (UNKNOWN): 0 Risso's dolphin, grampus (UNKNOWN): 0 Sei whale (UNKNOWN): 0 South American fur seal (Chilean north stock): 0 South American sea lion (South American sea lion chilean stock): UNKNOWN	RFMO
Atlantic salmon (<i>Salmo salar</i>), Coho(=Silver) salmon (<i>Oncorhynchus kisutch</i>), Rainbow trout (<i>Oncorhynchus mykiss</i>)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: none provided, Licenses: none provided, Participants: 2, Aquaculture Facilities: 9	EEZ,(FAO:87 Pacific Southeast),87.3.12,REGIÓ N DE AYSÉN DEL GENERAL CARLOS IBÁÑEZ DEL CAMPO; COMUNA DE AISÉN; ACS 27	Antarctic minke whale (UNKNOWN) Blue whale (UNKNOWN) Burmeister's porpoise (UNKNOWN) Chilean dolphin (Chilean north stock) Chungungo, marine otter (UNKNOWN) Commerson's dolphin (UNKNOWN) Common bottlenose dolphin (UNKNOWN) Cuvier's beaked whale, goose-beaked whale (UNKNOWN) Dusky dolphin (UNKNOWN) False killer whale (UNKNOWN) Fin whale (UNKNOWN) Humpback whale (UNKNOWN) Killer whale, orca (UNKNOWN) Leopard seal (UNKNOWN) Long-finned pilot whale (UNKNOWN) Peale's dolphin (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Sei whale (UNKNOWN) South American fur seal (Chilean north stock) South American sea lion (South American sea lion chilean stock) Southern bottlenose whale (UNKNOWN) Southern elephant seal (UNKNOWN) Southern right whale (Chile-Peru Subpopulation) Southern right-whale dolphin (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN) otter unspecified (UNKNOWN)	Antarctic minke whale (UNKNOWN): 0 Blue whale (UNKNOWN): 0 Burmeister's porpoise (UNKNOWN): 0 Chilean dolphin (Chilean north stock): 0 Chungungo, marine otter (UNKNOWN): 0 Commerson's dolphin (UNKNOWN): 0 Common bottlenose dolphin (UNKNOWN): 0 Cuvier's beaked whale, goose-beaked whale (UNKNOWN): 0 Dusky dolphin (UNKNOWN): 0 False killer whale (UNKNOWN): 0 Fin whale (UNKNOWN): 0 Humpback whale (UNKNOWN): 0 Killer whale, orca (UNKNOWN): 0 Leopard seal (UNKNOWN): 0 Long-finned pilot whale (UNKNOWN): 0 Peale's dolphin (UNKNOWN): 0 Risso's dolphin, grampus (UNKNOWN): 0 Sei whale (UNKNOWN): 0 South American fur seal (Chilean north stock): 0 South American sea lion (South American sea lion chilean stock): UNKNOWN Southern bottlenose whale (UNKNOWN): 0 Southern elephant seal (UNKNOWN): 0 Southern right whale (Chile-Peru Subpopulation): 0 Southern right-whale dolphin (UNKNOWN): 0 Sperm whale, cachalot (UNKNOWN): 0 Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN): 0	RFMO

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Atlantic salmon (<i>Salmo salar</i>), Coho(=Silver) salmon (<i>Oncorhynchus kisutch</i>), Rainbow trout (<i>Oncorhynchus mykiss</i>)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: none provided, Licenses: none provided, Participants: 4, Aquaculture Facilities: 7	EEZ,(FAO:87 Pacific Southeast),87.3.12,REGIÓ N DE AYSÉN DEL GENERAL CARLOS IBÁÑEZ DEL CAMPO; COMUNA DE AISÉN; ACS 29	Antarctic minke whale (UNKNOWN) Blue whale (UNKNOWN) Burmeister's porpoise (UNKNOWN) Chilean dolphin (Chilean north stock) Chungungo, marine otter (UNKNOWN) Commerson's dolphin (UNKNOWN) Common bottlenose dolphin (UNKNOWN) Cuvier's beaked whale, goose-beaked whale (UNKNOWN) Dusky dolphin (UNKNOWN) False killer whale (UNKNOWN) Fin whale (UNKNOWN) Humpback whale (UNKNOWN) Killer whale, orca (UNKNOWN) Leopard seal (UNKNOWN) Long-finned pilot whale (UNKNOWN) Peale's dolphin (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Sei whale (UNKNOWN) South American fur seal (Chilean north stock) South American sea lion (South American sea lion chilean stock) Southern bottlenose whale (UNKNOWN) Southern elephant seal (UNKNOWN) Southern right whale (Chile-Peru Subpopulation) Southern right-whale dolphin (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN) otter unspecified (UNKNOWN)	Antarctic minke whale (UNKNOWN): 0 Blue whale (UNKNOWN): 0 Burmeister's porpoise (UNKNOWN): 0 Chilean dolphin (Chilean north stock): 0 Chungungo, marine otter (UNKNOWN): 0 Commerson's dolphin (UNKNOWN): 0 Common bottlenose dolphin (UNKNOWN): 0 Cuvier's beaked whale, goose-beaked whale (UNKNOWN): 0 Dusky dolphin (UNKNOWN): 0 False killer whale (UNKNOWN): 0 Fin whale (UNKNOWN): 0 Humpback whale (UNKNOWN): 0 Killer whale, orca (UNKNOWN): 0 Leopard seal (UNKNOWN): 0 Long-finned pilot whale (UNKNOWN): 0 Peale's dolphin (UNKNOWN): 0 Risso's dolphin, grampus (UNKNOWN): 0 Sei whale (UNKNOWN): 0 South American fur seal (Chilean north stock): 0 South American sea lion (South American sea lion chilean stock): UNKNOWN Southern bottlenose whale (UNKNOWN): 0 Southern elephant seal (UNKNOWN): 0 Southern right whale (Chile-Peru Subpopulation): 0 Southern right-whale dolphin (UNKNOWN): 0 Sperm whale, cachalot (UNKNOWN): 0 Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN): 0 Antarctic minke whale (UNKNOWN): 0 Blue whale (UNKNOWN): 0 Burmeister's porpoise (UNKNOWN): 0 Chilean dolphin (Chilean north stock): 0 Chungungo, marine otter (UNKNOWN): 0 Commerson's dolphin (UNKNOWN): 0 Common bottlenose dolphin (UNKNOWN): 0 Cuvier's beaked whale, goose-beaked whale (UNKNOWN): 0 Dusky dolphin (UNKNOWN): 0 False killer whale (UNKNOWN): 0 Fin whale (UNKNOWN): 0 Humpback whale (UNKNOWN): 0 Killer whale, orca (UNKNOWN): 0 Leopard seal (UNKNOWN): 0 Long-finned pilot whale (UNKNOWN): 0 Peale's dolphin (UNKNOWN): 0 Risso's dolphin, grampus (UNKNOWN): 0 Sei whale (UNKNOWN): 0 South American fur seal (Chilean north stock): 0 South American sea lion (South American sea lion chilean stock): UNKNOWN Southern bottlenose whale (UNKNOWN): 0 Southern elephant seal (UNKNOWN): 0 Southern right whale (Chile-Peru Subpopulation): 0 Southern right-whale dolphin (UNKNOWN): 0 Sperm whale, cachalot (UNKNOWN): 0 Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN): 0	
Atlantic salmon (<i>Salmo salar</i>), Coho(=Silver) salmon (<i>Oncorhynchus kisutch</i>), Rainbow trout (<i>Oncorhynchus mykiss</i>)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: none provided, Licenses: none provided, Participants: 8, Aquaculture Facilities: 46	EEZ,(FAO:87 Pacific Southeast),87.2.12,REGIÓ N DE AYSÉN DEL GENERAL CARLOS IBÁÑEZ DEL CAMPO; COMUNA DE CISNES; ACS 32	Antarctic minke whale (UNKNOWN) Blue whale (UNKNOWN) Burmeister's porpoise (UNKNOWN) Chilean dolphin (Chilean north stock) Chungungo, marine otter (UNKNOWN) Commerson's dolphin (UNKNOWN) Common bottlenose dolphin (UNKNOWN) Cuvier's beaked whale, goose-beaked whale (UNKNOWN) Dusky dolphin (UNKNOWN) False killer whale (UNKNOWN) Fin whale (UNKNOWN) Humpback whale (UNKNOWN) Killer whale, orca (UNKNOWN) Leopard seal (UNKNOWN) Long-finned pilot whale (UNKNOWN) Peale's dolphin (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Sei whale (UNKNOWN) South American fur seal (Chilean north stock) South American sea lion (South American sea lion chilean stock) Southern bottlenose whale (UNKNOWN) Southern elephant seal (UNKNOWN) Southern right whale (Chile-Peru Subpopulation) Southern right-whale dolphin (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN) otter unspecified (UNKNOWN)	Antarctic minke whale (UNKNOWN): 0 Blue whale (UNKNOWN): 0 Burmeister's porpoise (UNKNOWN): 0 Chilean dolphin (Chilean north stock): 0 Chungungo, marine otter (UNKNOWN): 0 Commerson's dolphin (UNKNOWN): 0 Common bottlenose dolphin (UNKNOWN): 0 Cuvier's beaked whale, goose-beaked whale (UNKNOWN): 0 Dusky dolphin (UNKNOWN): 0 False killer whale (UNKNOWN): 0 Fin whale (UNKNOWN): 0 Humpback whale (UNKNOWN): 0 Killer whale, orca (UNKNOWN): 0 Leopard seal (UNKNOWN): 0 Long-finned pilot whale (UNKNOWN): 0 Peale's dolphin (UNKNOWN): 0 Risso's dolphin, grampus (UNKNOWN): 0 Sei whale (UNKNOWN): 0 South American fur seal (Chilean north stock): 0 South American sea lion (South American sea lion chilean stock): UNKNOWN Southern bottlenose whale (UNKNOWN): 0 Southern elephant seal (UNKNOWN): 0 Southern right whale (Chile-Peru Subpopulation): 0 Southern right-whale dolphin (UNKNOWN): 0 Sperm whale, cachalot (UNKNOWN): 0 Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN): 0	

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Atlantic salmon (<i>Salmo salar</i>), Coho(=Silver) salmon (<i>Oncorhynchus kisutch</i>), Rainbow trout (<i>Oncorhynchus mykiss</i>)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: none provided, Licenses: none provided, Participants: 10, Aquaculture Facilities: 37	EEZ,(FAO:87 Pacific Southeast),87.3.12,REGIÓ N DE AYSÉN DEL GENERAL CARLOS IBÁÑEZ DEL CAMPO; COMUNA DE CISNES; ACS 33	Antarctic minke whale (UNKNOWN) Blue whale (UNKNOWN) Burmeister's porpoise (UNKNOWN) Chilean dolphin (Chilean north stock) Chungungo, marine otter (UNKNOWN) Commerson's dolphin (UNKNOWN) Common bottlenose dolphin (UNKNOWN) Cuvier's beaked whale, goose-beaked whale (UNKNOWN) Dusky dolphin (UNKNOWN) False killer whale (UNKNOWN) Fin whale (UNKNOWN) Humpback whale (UNKNOWN) Killer whale, orca (UNKNOWN) Leopard seal (UNKNOWN) Long-finned pilot whale (UNKNOWN) Peale's dolphin (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Sei whale (UNKNOWN) South American fur seal (Chilean north stock) South American sea lion (South American sea lion chilean stock) Southern bottlenose whale (UNKNOWN) Southern elephant seal (UNKNOWN) Southern right whale (Chile-Peru Subpopulation) Southern right-whale dolphin (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN) otter unspecified (UNKNOWN)	Antarctic minke whale (UNKNOWN): 0 Blue whale (UNKNOWN): 0 Burmeister's porpoise (UNKNOWN): 0 Chilean dolphin (Chilean north stock): 0 Chungungo, marine otter (UNKNOWN): 0 Commerson's dolphin (UNKNOWN): 0 Common bottlenose dolphin (UNKNOWN): 0 Cuvier's beaked whale, goose-beaked whale (UNKNOWN): 0 Dusky dolphin (UNKNOWN): 0 False killer whale (UNKNOWN): 0 Fin whale (UNKNOWN): 0 Humpback whale (UNKNOWN): 0 Killer whale, orca (UNKNOWN): 0 Leopard seal (UNKNOWN): 0 Long-finned pilot whale (UNKNOWN): 0 Peale's dolphin (UNKNOWN): 0 Risso's dolphin, grampus (UNKNOWN): 0 Sei whale (UNKNOWN): 0 South American fur seal (Chilean north stock): 0 South American sea lion (South American sea lion chilean stock): UNKNOWN Southern bottlenose whale (UNKNOWN): 0 Southern elephant seal (UNKNOWN): 0 Southern right whale (Chile-Peru Subpopulation): 0 Southern right-whale dolphin (UNKNOWN): 0 Sperm whale, cachalot (UNKNOWN): 0 Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN): 0 Antarctic minke whale (UNKNOWN): 0 Blue whale (UNKNOWN): 0 Burmeister's porpoise (UNKNOWN): 0 Chilean dolphin (Chilean north stock): 0 Chungungo, marine otter (UNKNOWN): 0 Commerson's dolphin (UNKNOWN): 0 Common bottlenose dolphin (UNKNOWN): 0 Cuvier's beaked whale, goose-beaked whale (UNKNOWN): 0 Dusky dolphin (UNKNOWN): 0 False killer whale (UNKNOWN): 0 Fin whale (UNKNOWN): 0 Humpback whale (UNKNOWN): 0 Killer whale, orca (UNKNOWN): 0 Leopard seal (UNKNOWN): 0 Long-finned pilot whale (UNKNOWN): 0 Peale's dolphin (UNKNOWN): 0 Risso's dolphin, grampus (UNKNOWN): 0 Sei whale (UNKNOWN): 0 South American fur seal (Chilean north stock): 0 South American sea lion (South American sea lion chilean stock): UNKNOWN Southern bottlenose whale (UNKNOWN): 0 Southern elephant seal (UNKNOWN): 0 Southern right whale (Chile-Peru Subpopulation): 0 Southern right-whale dolphin (UNKNOWN): 0 Sperm whale, cachalot (UNKNOWN): 0 Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN): 0	
Atlantic salmon (<i>Salmo salar</i>), Coho(=Silver) salmon (<i>Oncorhynchus kisutch</i>), Rainbow trout (<i>Oncorhynchus mykiss</i>)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: none provided, Licenses: none provided, Participants: 5, Aquaculture Facilities: 20	EEZ,(FAO:87 Pacific Southeast),87.3.12,REGIÓ N DE AYSÉN DEL GENERAL CARLOS IBÁÑEZ DEL CAMPO; COMUNA DE CISNES; ACS 34	Antarctic minke whale (UNKNOWN) Blue whale (UNKNOWN) Burmeister's porpoise (UNKNOWN) Chilean dolphin (Chilean north stock) Chungungo, marine otter (UNKNOWN) Commerson's dolphin (UNKNOWN) Common bottlenose dolphin (UNKNOWN) Cuvier's beaked whale, goose-beaked whale (UNKNOWN) Dusky dolphin (UNKNOWN) False killer whale (UNKNOWN) Fin whale (UNKNOWN) Humpback whale (UNKNOWN) Killer whale, orca (UNKNOWN) Leopard seal (UNKNOWN) Long-finned pilot whale (UNKNOWN) Peale's dolphin (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Sei whale (UNKNOWN) South American fur seal (Chilean north stock) South American sea lion (South American sea lion chilean stock) Southern bottlenose whale (UNKNOWN) Southern elephant seal (UNKNOWN) Southern right whale (Chile-Peru Subpopulation) Southern right-whale dolphin (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN) otter unspecified (UNKNOWN)	Antarctic minke whale (UNKNOWN): 0 Blue whale (UNKNOWN): 0 Burmeister's porpoise (UNKNOWN): 0 Chilean dolphin (Chilean north stock): 0 Chungungo, marine otter (UNKNOWN): 0 Commerson's dolphin (UNKNOWN): 0 Common bottlenose dolphin (UNKNOWN): 0 Cuvier's beaked whale, goose-beaked whale (UNKNOWN): 0 Dusky dolphin (UNKNOWN): 0 False killer whale (UNKNOWN): 0 Fin whale (UNKNOWN): 0 Humpback whale (UNKNOWN): 0 Killer whale, orca (UNKNOWN): 0 Leopard seal (UNKNOWN): 0 Long-finned pilot whale (UNKNOWN): 0 Peale's dolphin (UNKNOWN): 0 Risso's dolphin, grampus (UNKNOWN): 0 Sei whale (UNKNOWN): 0 South American fur seal (Chilean north stock): 0 South American sea lion (South American sea lion chilean stock): UNKNOWN Southern bottlenose whale (UNKNOWN): 0 Southern elephant seal (UNKNOWN): 0 Southern right whale (Chile-Peru Subpopulation): 0 Southern right-whale dolphin (UNKNOWN): 0 Sperm whale, cachalot (UNKNOWN): 0 Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN): 0	

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Atlantic salmon (<i>Salmo salar</i>), Coho(=Silver) salmon (<i>Oncorhynchus kisutch</i>), Rainbow trout (<i>Oncorhynchus mykiss</i>)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: none provided, Licenses: none provided, Participants: 1, Aquaculture Facilities: 3	EEZ,(FAO:87 Pacific Southeast),87.3.12, REGIÓN DE AYSÉN DEL GENERAL CARLOS IBÁÑEZ DEL CAMPO; COMUNA DE CISNES; ACS 35	Antarctic minke whale (UNKNOWN) Blue whale (UNKNOWN) Burmeister's porpoise (UNKNOWN) Chilean dolphin (Chilean north stock) Chungungo, marine otter (UNKNOWN) Commerson's dolphin (UNKNOWN) Common bottlenose dolphin (UNKNOWN) Cuvier's beaked whale, goose-beaked whale (UNKNOWN) Dusky dolphin (UNKNOWN) False killer whale (UNKNOWN) Fin whale (UNKNOWN) Humpback whale (UNKNOWN) Killer whale, orca (UNKNOWN) Leopard seal (UNKNOWN) Long-finned pilot whale (UNKNOWN) Peale's dolphin (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Sei whale (UNKNOWN) South American fur seal (Chilean north stock) South American sea lion (South American sea lion chilean stock) Southern bottlenose whale (UNKNOWN) Southern elephant seal (UNKNOWN) Southern right whale (Chile-Peru Subpopulation) Southern right-whale dolphin (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN) otter unspecified (UNKNOWN)	Antarctic minke whale (UNKNOWN): 0 Blue whale (UNKNOWN): 0 Burmeister's porpoise (UNKNOWN): 0 Chilean dolphin (Chilean north stock): 0 Chungungo, marine otter (UNKNOWN): 0 Commerson's dolphin (UNKNOWN): 0 Common bottlenose dolphin (UNKNOWN): 0 Cuvier's beaked whale, goose-beaked whale (UNKNOWN): 0 Dusky dolphin (UNKNOWN): 0 False killer whale (UNKNOWN): 0 Fin whale (UNKNOWN): 0 Humpback whale (UNKNOWN): 0 Killer whale, orca (UNKNOWN): 0 Leopard seal (UNKNOWN): 0 Long-finned pilot whale (UNKNOWN): 0 Peale's dolphin (UNKNOWN): 0 Risso's dolphin, grampus (UNKNOWN): 0 Sei whale (UNKNOWN): 0 South American fur seal (Chilean north stock): 0 South American sea lion (South American sea lion chilean stock): UNKNOWN Southern bottlenose whale (UNKNOWN): 0 Southern elephant seal (UNKNOWN): 0 Southern right whale (Chile-Peru Subpopulation): 0 Southern right-whale dolphin (UNKNOWN): 0 Sperm whale, cachalot (UNKNOWN): 0 Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN): 0 otter unspecified (UNKNOWN): 0	
Atlantic salmon (<i>Salmo salar</i>), Coho(=Silver) salmon (<i>Oncorhynchus kisutch</i>), Rainbow trout (<i>Oncorhynchus mykiss</i>)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: none provided, Licenses: none provided, Participants: 1, Aquaculture Facilities: 3	EEZ,(FAO:87 Pacific Southeast),87.3.13,REGIÓN DE MAGALLANES Y DE LA ANTÁRTICA CHILENA; COMUNA DE NATALES; ACS 42	Antarctic minke whale (UNKNOWN) Blue whale (UNKNOWN) Burmeister's porpoise (UNKNOWN) Chilean dolphin (Chilean north stock) Chungungo, marine otter (UNKNOWN) Commerson's dolphin (UNKNOWN) Cuvier's beaked whale, goose-beaked whale (UNKNOWN) Dusky dolphin (UNKNOWN) False killer whale (UNKNOWN) Fin whale (UNKNOWN) Gray's beaked whale (UNKNOWN) Hector's beaked whale (UNKNOWN) Humpback whale (UNKNOWN) Killer whale, orca (UNKNOWN) Leopard seal (UNKNOWN) Long-finned pilot whale (UNKNOWN) Peale's dolphin (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Sei whale (UNKNOWN) Shepherd's beaked whale, Tasman beaked whale (UNKNOWN) South American fur seal (Chilean north stock) South American sea lion (South American sea lion chilean stock) Southern bottlenose whale (UNKNOWN) Southern elephant seal (UNKNOWN) Southern right whale (Chile-Peru Subpopulation) Southern right-whale dolphin (UNKNOWN) Spectacled porpoise (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN) Subantarctic fur seal (UNKNOWN) otter unspecified (UNKNOWN)	Antarctic minke whale (UNKNOWN): 0 Blue whale (UNKNOWN): 0 Burmeister's porpoise (UNKNOWN): 0 Chilean dolphin (Chilean north stock): 0 Chungungo, marine otter (UNKNOWN): 0 Commerson's dolphin (UNKNOWN): 0 Cuvier's beaked whale, goose-beaked whale (UNKNOWN): 0 Dusky dolphin (UNKNOWN): 0 False killer whale (UNKNOWN): 0 Fin whale (UNKNOWN): 0 Gray's beaked whale (UNKNOWN): 0 Hector's beaked whale (UNKNOWN): 0 Humpback whale (UNKNOWN): 0 Killer whale, orca (UNKNOWN): 0 Leopard seal (UNKNOWN): 0 Long-finned pilot whale (UNKNOWN): 0 Peale's dolphin (UNKNOWN): 0 Risso's dolphin, grampus (UNKNOWN): 0 Sei whale (UNKNOWN): 0 Shepherd's beaked whale, Tasman beaked whale (UNKNOWN): 0 South American fur seal (Chilean north stock): 0 South American sea lion (South American sea lion chilean stock): UNKNOWN Southern bottlenose whale (UNKNOWN): 0 Southern elephant seal (UNKNOWN): 0 Southern right whale (Chile-Peru Subpopulation): 0 Southern right-whale dolphin (UNKNOWN): 0 Spectacled porpoise (UNKNOWN): 0 Sperm whale, cachalot (UNKNOWN): 0 Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN): 0 Subantarctic fur seal (UNKNOWN): 0 otter unspecified (UNKNOWN): 0	

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Atlantic salmon (<i>Salmo salar</i>), Coho(=Silver) salmon (<i>Oncorhynchus kisutch</i>), Rainbow trout (<i>Oncorhynchus mykiss</i>)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: none provided, Licenses: none provided, Participants: 3, Aquaculture Facilities: 4	EEZ,(FAO:87 Pacific Southeast),87.3.13,REGIÓ N DE MAGALLANES Y DE LA ANTÁRTICA CHILENA; COMUNA DE NATALES; ACS 44	Antarctic minke whale (UNKNOWN) Arnoux's beaked whale (UNKNOWN) Blue whale (UNKNOWN) Burmeister's porpoise (UNKNOWN) Chilean dolphin (Chilean north stock) Chungungo, marine otter (UNKNOWN) Commerson's dolphin (UNKNOWN) Cuvier's beaked whale, goose-beaked whale (UNKNOWN) Dusky dolphin (UNKNOWN) False killer whale (UNKNOWN) Fin whale (UNKNOWN) Gray's beaked whale (UNKNOWN) Hector's beaked whale (UNKNOWN) Humpback whale (UNKNOWN) Killer whale, orca (UNKNOWN) Leopard seal (UNKNOWN) Long-finned pilot whale (UNKNOWN) Peale's dolphin (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Sei whale (UNKNOWN) Shepherd's beaked whale, Tasman beaked whale (UNKNOWN) South American fur seal (Chilean north stock) South American sea lion (South American sea lion chilean stock) Southern bottlenose whale (UNKNOWN) Southern elephant seal (UNKNOWN) Southern right whale (Chile-Peru Subpopulation) Southern right-whale dolphin (UNKNOWN) Spectacled porpoise (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN) Subantarctic fur seal (UNKNOWN) otter unspecified (UNKNOWN)	Antarctic minke whale (UNKNOWN): 0 Arnoux's beaked whale (UNKNOWN): 0 Blue whale (UNKNOWN): 0 Burmeister's porpoise (UNKNOWN): 0 Chilean dolphin (Chilean north stock): 0 Chungungo, marine otter (UNKNOWN): 0 Commerson's dolphin (UNKNOWN): 0 Cuvier's beaked whale, goose-beaked whale (UNKNOWN): 0 Dusky dolphin (UNKNOWN): 0 False killer whale (UNKNOWN): 0 Fin whale (UNKNOWN): 0 Gray's beaked whale (UNKNOWN): 0 Hector's beaked whale (UNKNOWN): 0 Humpback whale (UNKNOWN): 0 Killer whale, orca (UNKNOWN): 0 Leopard seal (UNKNOWN): 0 Long-finned pilot whale (UNKNOWN): 0 Peale's dolphin (UNKNOWN): 0 Risso's dolphin, grampus (UNKNOWN): 0 Sei whale (UNKNOWN): 0 Shepherd's beaked whale, Tasman beaked whale (UNKNOWN): 0 South American fur seal (Chilean north stock): 0 South American sea lion (South American sea lion chilean stock): UNKNOWN Southern bottlenose whale (UNKNOWN): 0 Southern elephant seal (UNKNOWN): 0 Southern right whale (Chile-Peru Subpopulation): 0 Southern right-whale dolphin (UNKNOWN): 0 Spectacled porpoise (UNKNOWN): 0 Sperm whale, cachalot (UNKNOWN): 0 Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN): 0 Subantarctic fur seal (UNKNOWN): 0 otter unspecified (UNKNOWN): 0	
Atlantic salmon (<i>Salmo salar</i>), Coho(=Silver) salmon (<i>Oncorhynchus kisutch</i>), Rainbow trout (<i>Oncorhynchus mykiss</i>)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: none provided, Licenses: none provided, Participants: 5, Aquaculture Facilities: 16	EEZ,(FAO:87 Pacific Southeast),87.3.13,REGIÓ N DE MAGALLANES Y DE LA ANTÁRTICA CHILENA; COMUNA DE NATALES; ACS 45	Antarctic minke whale (UNKNOWN) Arnoux's beaked whale (UNKNOWN) Blue whale (UNKNOWN) Burmeister's porpoise (UNKNOWN) Chilean dolphin (Chilean north stock) Chungungo, marine otter (UNKNOWN) Commerson's dolphin (UNKNOWN) Cuvier's beaked whale, goose-beaked whale (UNKNOWN) Dusky dolphin (UNKNOWN) False killer whale (UNKNOWN) Fin whale (UNKNOWN) Gray's beaked whale (UNKNOWN) Hector's beaked whale (UNKNOWN) Humpback whale (UNKNOWN) Killer whale, orca (UNKNOWN) Leopard seal (UNKNOWN) Long-finned pilot whale (UNKNOWN) Peale's dolphin (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Sei whale (UNKNOWN) Shepherd's beaked whale, Tasman beaked whale (UNKNOWN) South American fur seal (Chilean north stock) South American sea lion (South American sea lion chilean stock) Southern bottlenose whale (UNKNOWN) Southern elephant seal (UNKNOWN) Southern right whale (Chile-Peru Subpopulation) Southern right-whale dolphin (UNKNOWN) Spectacled porpoise (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN) Subantarctic fur seal (UNKNOWN) otter unspecified (UNKNOWN)	Antarctic minke whale (UNKNOWN): 0 Arnoux's beaked whale (UNKNOWN): 0 Blue whale (UNKNOWN): 0 Burmeister's porpoise (UNKNOWN): 0 Chilean dolphin (Chilean north stock): 0 Chungungo, marine otter (UNKNOWN): 0 Commerson's dolphin (UNKNOWN): 0 Cuvier's beaked whale, goose-beaked whale (UNKNOWN): 0 Dusky dolphin (UNKNOWN): 0 False killer whale (UNKNOWN): 0 Fin whale (UNKNOWN): 0 Gray's beaked whale (UNKNOWN): 0 Hector's beaked whale (UNKNOWN): 0 Humpback whale (UNKNOWN): 0 Killer whale, orca (UNKNOWN): 0 Leopard seal (UNKNOWN): 0 Long-finned pilot whale (UNKNOWN): 0 Peale's dolphin (UNKNOWN): 0 Risso's dolphin, grampus (UNKNOWN): 0 Sei whale (UNKNOWN): 0 Shepherd's beaked whale, Tasman beaked whale (UNKNOWN): 0 South American fur seal (Chilean north stock): 0 South American sea lion (South American sea lion chilean stock): UNKNOWN Southern bottlenose whale (UNKNOWN): 0 Southern elephant seal (UNKNOWN): 0 Southern right whale (Chile-Peru Subpopulation): 0 Southern right-whale dolphin (UNKNOWN): 0 Spectacled porpoise (UNKNOWN): 0 Sperm whale, cachalot (UNKNOWN): 0 Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN): 0 Subantarctic fur seal (UNKNOWN): 0 otter unspecified (UNKNOWN): 0	

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Atlantic salmon (<i>Salmo salar</i>), Coho(=Silver) salmon (<i>Oncorhynchus kisutch</i>), Rainbow trout (<i>Oncorhynchus mykiss</i>)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: none provided, Licenses: none provided, Participants: 2, Aquaculture Facilities: 5	EEZ,(FAO:87 Pacific Southeast),87.3.13,REGIÓ N DE MAGALLANES Y DE LA ANTÁRTICA CHILENA; COMUNA DE NATALES; ACS 46	Antarctic minke whale (UNKNOWN) Arnoux's beaked whale (UNKNOWN) Blue whale (UNKNOWN) Burmeister's porpoise (UNKNOWN) Chilean dolphin (Chilean north stock) Chungungo, marine otter (UNKNOWN) Commerson's dolphin (UNKNOWN) Cuvier's beaked whale, goose-beaked whale (UNKNOWN) Dusky dolphin (UNKNOWN) False killer whale (UNKNOWN) Fin whale (UNKNOWN) Gray's beaked whale (UNKNOWN) Hector's beaked whale (UNKNOWN) Humpback whale (UNKNOWN) Killer whale, orca (UNKNOWN) Leopard seal (UNKNOWN) Long-finned pilot whale (UNKNOWN) Peale's dolphin (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Sei whale (UNKNOWN) Shepherd's beaked whale, Tasman beaked whale (UNKNOWN) South American fur seal (Chilean north stock) South American sea lion (South American sea lion chilean stock) Southern bottlenose whale (UNKNOWN) Southern elephant seal (UNKNOWN) Southern right whale (Chile-Peru Subpopulation) Southern right-whale dolphin (UNKNOWN) Spectacled porpoise (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN) Subantarctic fur seal (UNKNOWN) otter unspecified (UNKNOWN)	Antarctic minke whale (UNKNOWN): 0 Arnoux's beaked whale (UNKNOWN): 0 Blue whale (UNKNOWN): 0 Burmeister's porpoise (UNKNOWN): 0 Chilean dolphin (Chilean north stock): 0 Chungungo, marine otter (UNKNOWN): 0 Commerson's dolphin (UNKNOWN): 0 Cuvier's beaked whale, goose-beaked whale (UNKNOWN): 0 Dusky dolphin (UNKNOWN): 0 False killer whale (UNKNOWN): 0 Fin whale (UNKNOWN): 0 Gray's beaked whale (UNKNOWN): 0 Hector's beaked whale (UNKNOWN): 0 Humpback whale (UNKNOWN): 0 Killer whale, orca (UNKNOWN): 0 Leopard seal (UNKNOWN): 0 Long-finned pilot whale (UNKNOWN): 0 Peale's dolphin (UNKNOWN): 0 Risso's dolphin, grampus (UNKNOWN): 0 Sei whale (UNKNOWN): 0 Shepherd's beaked whale, Tasman beaked whale (UNKNOWN): 0 South American fur seal (Chilean north stock): 0 South American sea lion (South American sea lion chilean stock): UNKNOWN Southern bottlenose whale (UNKNOWN): 0 Southern elephant seal (UNKNOWN): 0 Southern right whale (Chile-Peru Subpopulation): 0 Southern right-whale dolphin (UNKNOWN): 0 Spectacled porpoise (UNKNOWN): 0 Sperm whale, cachalot (UNKNOWN): 0 Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN): 0 Subantarctic fur seal (UNKNOWN): 0 otter unspecified (UNKNOWN): 0	
Atlantic salmon (<i>Salmo salar</i>), Coho(=Silver) salmon (<i>Oncorhynchus kisutch</i>), Rainbow trout (<i>Oncorhynchus mykiss</i>)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: none provided, Licenses: none provided, Participants: 3, Aquaculture Facilities: 8	EEZ,(FAO:87 Pacific Southeast),87.3.13,REGIÓ N DE MAGALLANES Y DE LA ANTÁRTICA CHILENA; COMUNA DE NATALES; ACS 48	Antarctic minke whale (UNKNOWN) Arnoux's beaked whale (UNKNOWN) Blue whale (UNKNOWN) Burmeister's porpoise (UNKNOWN) Chilean dolphin (Chilean north stock) Chungungo, marine otter (UNKNOWN) Commerson's dolphin (UNKNOWN) Cuvier's beaked whale, goose-beaked whale (UNKNOWN) Dusky dolphin (UNKNOWN) False killer whale (UNKNOWN) Fin whale (UNKNOWN) Gray's beaked whale (UNKNOWN) Hector's beaked whale (UNKNOWN) Humpback whale (UNKNOWN) Killer whale, orca (UNKNOWN) Leopard seal (UNKNOWN) Long-finned pilot whale (UNKNOWN) Peale's dolphin (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Sei whale (UNKNOWN) Shepherd's beaked whale, Tasman beaked whale (UNKNOWN) South American fur seal (Chilean north stock) South American sea lion (South American sea lion chilean stock) Southern bottlenose whale (UNKNOWN) Southern elephant seal (UNKNOWN) Southern right whale (Chile-Peru Subpopulation) Southern right-whale dolphin (UNKNOWN) Spectacled porpoise (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN) Subantarctic fur seal (UNKNOWN) otter unspecified (UNKNOWN)	Antarctic minke whale (UNKNOWN): 0 Arnoux's beaked whale (UNKNOWN): 0 Blue whale (UNKNOWN): 0 Burmeister's porpoise (UNKNOWN): 0 Chilean dolphin (Chilean north stock): 0 Chungungo, marine otter (UNKNOWN): 0 Commerson's dolphin (UNKNOWN): 0 Cuvier's beaked whale, goose-beaked whale (UNKNOWN): 0 Dusky dolphin (UNKNOWN): 0 False killer whale (UNKNOWN): 0 Fin whale (UNKNOWN): 0 Gray's beaked whale (UNKNOWN): 0 Hector's beaked whale (UNKNOWN): 0 Humpback whale (UNKNOWN): 0 Killer whale, orca (UNKNOWN): 0 Leopard seal (UNKNOWN): 0 Long-finned pilot whale (UNKNOWN): 0 Peale's dolphin (UNKNOWN): 0 Risso's dolphin, grampus (UNKNOWN): 0 Sei whale (UNKNOWN): 0 Shepherd's beaked whale, Tasman beaked whale (UNKNOWN): 0 South American fur seal (Chilean north stock): 0 South American sea lion (South American sea lion chilean stock): UNKNOWN Southern bottlenose whale (UNKNOWN): 0 Southern elephant seal (UNKNOWN): 0 Southern right whale (Chile-Peru Subpopulation): 0 Southern right-whale dolphin (UNKNOWN): 0 Spectacled porpoise (UNKNOWN): 0 Sperm whale, cachalot (UNKNOWN): 0 Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN): 0 Subantarctic fur seal (UNKNOWN): 0 otter unspecified (UNKNOWN): 0	

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Atlantic salmon (<i>Salmo salar</i>), Coho(=Silver) salmon (<i>Oncorhynchus kisutch</i>), Rainbow trout (<i>Oncorhynchus mykiss</i>)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: none provided, Licenses: none provided, Participants: 1, Aquaculture Facilities: 5	EEZ,(FAO:87 Pacific Southeast),87.3.13,REGIÓ N DE MAGALLANES Y DE LA ANTÁRTICA CHILENA; COMUNA DE RIO VERDE; ACS 51	Antarctic minke whale (UNKNOWN) Arnoux's beaked whale (UNKNOWN) Blue whale (UNKNOWN) Burmeister's porpoise (UNKNOWN) Chilean dolphin (Chilean north stock) Chungungo, marine otter (UNKNOWN) Commerson's dolphin (UNKNOWN) Cuvier's beaked whale, goose-beaked whale (UNKNOWN) Dusky dolphin (UNKNOWN) False killer whale (UNKNOWN) Fin whale (UNKNOWN) Gray's beaked whale (UNKNOWN) Hector's beaked whale (UNKNOWN) Humpback whale (UNKNOWN) Killer whale, orca (UNKNOWN) Leopard seal (UNKNOWN) Long-finned pilot whale (UNKNOWN) Peale's dolphin (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Sei whale (UNKNOWN) Shepherd's beaked whale, Tasman beaked whale (UNKNOWN) South American fur seal (Chilean north stock) South American sea lion (South American sea lion chilean stock) Southern bottlenose whale (UNKNOWN) Southern elephant seal (UNKNOWN) Southern right whale (Chile-Peru Subpopulation) Southern right-whale dolphin (UNKNOWN) Spectacled porpoise (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN) Subantarctic fur seal (UNKNOWN) otter unspecified (UNKNOWN)	Antarctic minke whale (UNKNOWN): 0 Arnoux's beaked whale (UNKNOWN): 0 Blue whale (UNKNOWN): 0 Burmeister's porpoise (UNKNOWN): 0 Chilean dolphin (Chilean north stock): 0 Chungungo, marine otter (UNKNOWN): 0 Commerson's dolphin (UNKNOWN): 0 Cuvier's beaked whale, goose-beaked whale (UNKNOWN): 0 Dusky dolphin (UNKNOWN): 0 False killer whale (UNKNOWN): 0 Fin whale (UNKNOWN): 0 Gray's beaked whale (UNKNOWN): 0 Hector's beaked whale (UNKNOWN): 0 Humpback whale (UNKNOWN): 0 Killer whale, orca (UNKNOWN): 0 Leopard seal (UNKNOWN): 0 Long-finned pilot whale (UNKNOWN): 0 Peale's dolphin (UNKNOWN): 0 Risso's dolphin, grampus (UNKNOWN): 0 Sei whale (UNKNOWN): 0 Shepherd's beaked whale, Tasman beaked whale (UNKNOWN): 0 South American fur seal (Chilean north stock): 0 South American sea lion (South American sea lion chilean stock): UNKNOWN Southern bottlenose whale (UNKNOWN): 0 Southern elephant seal (UNKNOWN): 0 Southern right whale (Chile-Peru Subpopulation): 0 Southern right-whale dolphin (UNKNOWN): 0 Spectacled porpoise (UNKNOWN): 0 Sperm whale, cachalot (UNKNOWN): 0 Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN): 0 Subantarctic fur seal (UNKNOWN): 0 otter unspecified (UNKNOWN): 0	
Atlantic salmon (<i>Salmo salar</i>), Coho(=Silver) salmon (<i>Oncorhynchus kisutch</i>), Rainbow trout (<i>Oncorhynchus mykiss</i>)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: none provided, Licenses: none provided, Participants: 4, Aquaculture Facilities: 7	EEZ,(FAO:87 Pacific Southeast),87.3.13,REGIÓ N DE MAGALLANES Y DE LA ANTÁRTICA CHILENA; COMUNA DE PUNTA ARENAS; ACS 52	Antarctic minke whale (UNKNOWN) Arnoux's beaked whale (UNKNOWN) Blue whale (UNKNOWN) Burmeister's porpoise (UNKNOWN) Chilean dolphin (Chilean north stock) Chungungo, marine otter (UNKNOWN) Commerson's dolphin (UNKNOWN) Cuvier's beaked whale, goose-beaked whale (UNKNOWN) Dusky dolphin (UNKNOWN) False killer whale (UNKNOWN) Fin whale (UNKNOWN) Gray's beaked whale (UNKNOWN) Hector's beaked whale (UNKNOWN) Humpback whale (UNKNOWN) Killer whale, orca (UNKNOWN) Leopard seal (UNKNOWN) Long-finned pilot whale (UNKNOWN) Peale's dolphin (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Sei whale (UNKNOWN) Shepherd's beaked whale, Tasman beaked whale (UNKNOWN) South American fur seal (Chilean north stock) South American sea lion (South American sea lion chilean stock) Southern bottlenose whale (UNKNOWN) Southern elephant seal (UNKNOWN) Southern right whale (Chile-Peru Subpopulation) Southern right-whale dolphin (UNKNOWN) Spectacled porpoise (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN) Subantarctic fur seal (UNKNOWN) otter unspecified (UNKNOWN)	Antarctic minke whale (UNKNOWN): 0 Arnoux's beaked whale (UNKNOWN): 0 Blue whale (UNKNOWN): 0 Burmeister's porpoise (UNKNOWN): 0 Chilean dolphin (Chilean north stock): 0 Chungungo, marine otter (UNKNOWN): 0 Commerson's dolphin (UNKNOWN): 0 Cuvier's beaked whale, goose-beaked whale (UNKNOWN): 0 Dusky dolphin (UNKNOWN): 0 False killer whale (UNKNOWN): 0 Fin whale (UNKNOWN): 0 Gray's beaked whale (UNKNOWN): 0 Hector's beaked whale (UNKNOWN): 0 Humpback whale (UNKNOWN): 0 Killer whale, orca (UNKNOWN): 0 Leopard seal (UNKNOWN): 0 Long-finned pilot whale (UNKNOWN): 0 Peale's dolphin (UNKNOWN): 0 Risso's dolphin, grampus (UNKNOWN): 0 Sei whale (UNKNOWN): 0 Shepherd's beaked whale, Tasman beaked whale (UNKNOWN): 0 South American fur seal (Chilean north stock): 0 South American sea lion (South American sea lion chilean stock): UNKNOWN Southern bottlenose whale (UNKNOWN): 0 Southern elephant seal (UNKNOWN): 0 Southern right whale (Chile-Peru Subpopulation): 0 Southern right-whale dolphin (UNKNOWN): 0 Spectacled porpoise (UNKNOWN): 0 Sperm whale, cachalot (UNKNOWN): 0 Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN): 0 Subantarctic fur seal (UNKNOWN): 0 otter unspecified (UNKNOWN): 0	

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Atlantic salmon (<i>Salmo salar</i>), Coho(=Silver) salmon (<i>Oncorhynchus kisutch</i>), Rainbow trout (<i>Oncorhynchus mykiss</i>)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: none provided, Licenses: none provided, Participants: 3, Aquaculture Facilities: 10	EEZ,(FAO:87 Pacific Southeast),87.3.13,REGIÓ N DE MAGALLANES Y DE LA ANTÁRTICA CHILENA; COMUNA DE RIO VERDE; ACS 53	Antarctic minke whale (UNKNOWN) Arnoux's beaked whale (UNKNOWN) Blue whale (UNKNOWN) Burmeister's porpoise (UNKNOWN) Chilean dolphin (Chilean north stock) Chungungo, marine otter (UNKNOWN) Commerson's dolphin (UNKNOWN) Cuvier's beaked whale, goose-beaked whale (UNKNOWN) Dusky dolphin (UNKNOWN) False killer whale (UNKNOWN) Fin whale (UNKNOWN) Gray's beaked whale (UNKNOWN) Hector's beaked whale (UNKNOWN) Humpback whale (UNKNOWN) Killer whale, orca (UNKNOWN) Leopard seal (UNKNOWN) Long-finned pilot whale (UNKNOWN) Peale's dolphin (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Sei whale (UNKNOWN) Shepherd's beaked whale, Tasman beaked whale (UNKNOWN) South American fur seal (Chilean north stock) South American sea lion (South American sea lion chilean stock) Southern bottlenose whale (UNKNOWN) Southern elephant seal (UNKNOWN) Southern right whale (Chile-Peru Subpopulation) Southern right-whale dolphin (UNKNOWN) Spectacled porpoise (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN) Subantarctic fur seal (UNKNOWN) otter unspecified (UNKNOWN)	Antarctic minke whale (UNKNOWN): 0 Arnoux's beaked whale (UNKNOWN): 0 Blue whale (UNKNOWN): 0 Burmeister's porpoise (UNKNOWN): 0 Chilean dolphin (Chilean north stock): 0 Chungungo, marine otter (UNKNOWN): 0 Commerson's dolphin (UNKNOWN): 0 Cuvier's beaked whale, goose-beaked whale (UNKNOWN): 0 Dusky dolphin (UNKNOWN): 0 False killer whale (UNKNOWN): 0 Fin whale (UNKNOWN): 0 Gray's beaked whale (UNKNOWN): 0 Hector's beaked whale (UNKNOWN): 0 Humpback whale (UNKNOWN): 0 Killer whale, orca (UNKNOWN): 0 Leopard seal (UNKNOWN): 0 Long-finned pilot whale (UNKNOWN): 0 Peale's dolphin (UNKNOWN): 0 Risso's dolphin, grampus (UNKNOWN): 0 Sei whale (UNKNOWN): 0 Shepherd's beaked whale, Tasman beaked whale (UNKNOWN): 0 South American fur seal (Chilean north stock): 0 South American sea lion (South American sea lion chilean stock): UNKNOWN Southern bottlenose whale (UNKNOWN): 0 Southern elephant seal (UNKNOWN): 0 Southern right whale (Chile-Peru Subpopulation): 0 Southern right-whale dolphin (UNKNOWN): 0 Spectacled porpoise (UNKNOWN): 0 Sperm whale, cachalot (UNKNOWN): 0 Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN): 0 Subantarctic fur seal (UNKNOWN): 0 otter unspecified (UNKNOWN): 0	
Atlantic salmon (<i>Salmo salar</i>), Coho(=Silver) salmon (<i>Oncorhynchus kisutch</i>), Rainbow trout (<i>Oncorhynchus mykiss</i>)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: none provided, Licenses: none provided, Participants: 1, Aquaculture Facilities: 3	EEZ,(FAO:87 Pacific Southeast),87.3.13,REGIÓ N DE MAGALLANES Y DE LA ANTÁRTICA CHILENA; COMUNA DE PUNTA ARENAS; ACS 55	Antarctic minke whale (UNKNOWN) Arnoux's beaked whale (UNKNOWN) Blue whale (UNKNOWN) Burmeister's porpoise (UNKNOWN) Chilean dolphin (Chilean north stock) Chungungo, marine otter (UNKNOWN) Commerson's dolphin (UNKNOWN) Cuvier's beaked whale, goose-beaked whale (UNKNOWN) Dusky dolphin (UNKNOWN) False killer whale (UNKNOWN) Fin whale (UNKNOWN) Gray's beaked whale (UNKNOWN) Hector's beaked whale (UNKNOWN) Humpback whale (UNKNOWN) Killer whale, orca (UNKNOWN) Leopard seal (UNKNOWN) Long-finned pilot whale (UNKNOWN) Peale's dolphin (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Sei whale (UNKNOWN) Shepherd's beaked whale, Tasman beaked whale (UNKNOWN) South American fur seal (Chilean north stock) South American sea lion (South American sea lion chilean stock) Southern bottlenose whale (UNKNOWN) Southern elephant seal (UNKNOWN) Southern right whale (Chile-Peru Subpopulation) Southern right-whale dolphin (UNKNOWN) Spectacled porpoise (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN) Subantarctic fur seal (UNKNOWN) otter unspecified (UNKNOWN)	Antarctic minke whale (UNKNOWN): 0 Arnoux's beaked whale (UNKNOWN): 0 Blue whale (UNKNOWN): 0 Burmeister's porpoise (UNKNOWN): 0 Chilean dolphin (Chilean north stock): 0 Chungungo, marine otter (UNKNOWN): 0 Commerson's dolphin (UNKNOWN): 0 Cuvier's beaked whale, goose-beaked whale (UNKNOWN): 0 Dusky dolphin (UNKNOWN): 0 False killer whale (UNKNOWN): 0 Fin whale (UNKNOWN): 0 Gray's beaked whale (UNKNOWN): 0 Hector's beaked whale (UNKNOWN): 0 Humpback whale (UNKNOWN): 0 Killer whale, orca (UNKNOWN): 0 Leopard seal (UNKNOWN): 0 Long-finned pilot whale (UNKNOWN): 0 Peale's dolphin (UNKNOWN): 0 Risso's dolphin, grampus (UNKNOWN): 0 Sei whale (UNKNOWN): 0 Shepherd's beaked whale, Tasman beaked whale (UNKNOWN): 0 South American fur seal (Chilean north stock): 0 South American sea lion (South American sea lion chilean stock): UNKNOWN Southern bottlenose whale (UNKNOWN): 0 Southern elephant seal (UNKNOWN): 0 Southern right whale (Chile-Peru Subpopulation): 0 Southern right-whale dolphin (UNKNOWN): 0 Spectacled porpoise (UNKNOWN): 0 Sperm whale, cachalot (UNKNOWN): 0 Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN): 0 Subantarctic fur seal (UNKNOWN): 0 otter unspecified (UNKNOWN): 0	

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Atlantic salmon (<i>Salmo salar</i>), Coho(=Silver) salmon (<i>Oncorhynchus kisutch</i>), Rainbow trout (<i>Oncorhynchus mykiss</i>)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: none provided, Licenses: none provided, Participants: 1, Aquaculture Facilities: 6	EEZ,(FAO:87 Pacific Southeast),87.3.13,REGIÓ N DE MAGALLANES Y DE LA ANTÁRTICA CHILENA; COMUNA DE PUNTA ARENAS; ACS 56	Antarctic minke whale (UNKNOWN) Arnoux's beaked whale (UNKNOWN) Blue whale (UNKNOWN) Burmeister's porpoise (UNKNOWN) Chilean dolphin (Chilean north stock) Chungungo, marine otter (UNKNOWN) Commerson's dolphin (UNKNOWN) Cuvier's beaked whale, goose-beaked whale (UNKNOWN) Dusky dolphin (UNKNOWN) False killer whale (UNKNOWN) Fin whale (UNKNOWN) Gray's beaked whale (UNKNOWN) Hector's beaked whale (UNKNOWN) Humpback whale (UNKNOWN) Killer whale, orca (UNKNOWN) Leopard seal (UNKNOWN) Long-finned pilot whale (UNKNOWN) Peale's dolphin (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Sei whale (UNKNOWN) Shepherd's beaked whale, Tasman beaked whale (UNKNOWN) South American fur seal (Chilean north stock) South American sea lion (South American sea lion chilean stock) Southern bottlenose whale (UNKNOWN) Southern elephant seal (UNKNOWN) Southern right whale (Chile-Peru Subpopulation) Southern right-whale dolphin (UNKNOWN) Spectacled porpoise (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN) Subantarctic fur seal (UNKNOWN) otter unspecified (UNKNOWN)	Antarctic minke whale (UNKNOWN): 0 Arnoux's beaked whale (UNKNOWN): 0 Blue whale (UNKNOWN): 0 Burmeister's porpoise (UNKNOWN): 0 Chilean dolphin (Chilean north stock): 0 Chungungo, marine otter (UNKNOWN): 0 Commerson's dolphin (UNKNOWN): 0 Cuvier's beaked whale, goose-beaked whale (UNKNOWN): 0 Dusky dolphin (UNKNOWN): 0 False killer whale (UNKNOWN): 0 Fin whale (UNKNOWN): 0 Gray's beaked whale (UNKNOWN): 0 Hector's beaked whale (UNKNOWN): 0 Humpback whale (UNKNOWN): 0 Killer whale, orca (UNKNOWN): 0 Leopard seal (UNKNOWN): 0 Long-finned pilot whale (UNKNOWN): 0 Peale's dolphin (UNKNOWN): 0 Risso's dolphin, grampus (UNKNOWN): 0 Sei whale (UNKNOWN): 0 Shepherd's beaked whale, Tasman beaked whale (UNKNOWN): 0 South American fur seal (Chilean north stock): 0 South American sea lion (South American sea lion chilean stock): UNKNOWN Southern bottlenose whale (UNKNOWN): 0 Southern elephant seal (UNKNOWN): 0 Southern right whale (Chile-Peru Subpopulation): 0 Southern right-whale dolphin (UNKNOWN): 0 Spectacled porpoise (UNKNOWN): 0 Sperm whale, cachalot (UNKNOWN): 0 Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN): 0 Subantarctic fur seal (UNKNOWN): 0 otter unspecified (UNKNOWN): 0	
Atlantic salmon (<i>Salmo salar</i>), Coho(=Silver) salmon (<i>Oncorhynchus kisutch</i>), Rainbow trout (<i>Oncorhynchus mykiss</i>)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: none provided, Licenses: none provided, Participants: 1, Aquaculture Facilities: 3	EEZ,(FAO:87 Pacific Southeast),87.3.13,REGIÓ N DE MAGALLANES Y DE LA ANTÁRTICA CHILENA; COMUNA DE CABO DE HORNOS; ACS 57	Antarctic minke whale (UNKNOWN) Arnoux's beaked whale E767UNKNOWN) Blue whale (UNKNOWN) Burmeister's porpoise (UNKNOWN) Chilean dolphin (Chilean north stock) Chungungo, marine otter (UNKNOWN) Commerson's dolphin (UNKNOWN) Cuvier's beaked whale, goose-beaked whale (UNKNOWN) Dusky dolphin (UNKNOWN) False killer whale (UNKNOWN) Fin whale (UNKNOWN) Gray's beaked whale (UNKNOWN) Hector's beaked whale (UNKNOWN) Humpback whale (UNKNOWN) Killer whale, orca (UNKNOWN) Leopard seal (UNKNOWN) Long-finned pilot whale (UNKNOWN) Peale's dolphin (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Sei whale (UNKNOWN) Shepherd's beaked whale, Tasman beaked whale (UNKNOWN) South American fur seal (Chilean north stock) South American sea lion (South American sea lion chilean stock) Southern bottlenose whale (UNKNOWN) Southern elephant seal (UNKNOWN) Southern right whale (Chile-Peru Subpopulation) Southern right-whale dolphin (UNKNOWN) Spectacled porpoise (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN) Subantarctic fur seal (UNKNOWN) otter unspecified (UNKNOWN)	Antarctic minke whale (UNKNOWN): 0 Arnoux's beaked whale (UNKNOWN): 0 Blue whale (UNKNOWN): 0 Burmeister's porpoise (UNKNOWN): 0 Chilean dolphin (Chilean north stock): 0 Chungungo, marine otter (UNKNOWN): 0 Commerson's dolphin (UNKNOWN): 0 Cuvier's beaked whale, goose-beaked whale (UNKNOWN): 0 Dusky dolphin (UNKNOWN): 0 False killer whale (UNKNOWN): 0 Fin whale (UNKNOWN): 0 Gray's beaked whale (UNKNOWN): 0 Hector's beaked whale (UNKNOWN): 0 Humpback whale (UNKNOWN): 0 Killer whale, orca (UNKNOWN): 0 Leopard seal (UNKNOWN): 0 Long-finned pilot whale (UNKNOWN): 0 Peale's dolphin (UNKNOWN): 0 Risso's dolphin, grampus (UNKNOWN): 0 Sei whale (UNKNOWN): 0 Shepherd's beaked whale, Tasman beaked whale (UNKNOWN): 0 South American fur seal (Chilean north stock): 0 South American sea lion (South American sea lion chilean stock): UNKNOWN Southern bottlenose whale (UNKNOWN): 0 Southern elephant seal (UNKNOWN): 0 Southern right whale (Chile-Peru Subpopulation): 0 Southern right-whale dolphin (UNKNOWN): 0 Spectacled porpoise (UNKNOWN): 0 Sperm whale, cachalot (UNKNOWN): 0 Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN): 0 Subantarctic fur seal (UNKNOWN): 0 otter unspecified (UNKNOWN): 0	

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates
Atlantic salmon (<i>Salmo salar</i>), Coho(=Silver) salmon (<i>Oncorhynchus kisutch</i>), Rainbow trout (<i>Oncorhynchus mykiss</i>)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: none provided, Licenses: none provided, Participants: 1, Aquaculture Facilities: 1	EEZ,(FAO:87 Pacific Southeast),87.3.13,REGIÓ N DE MAGALLANES Y DE LA ANTÁRTICA CHILENA; COMUNA DE CABO DE HORNOS; ACS 58	Antarctic minke whale (UNKNOWN) Arnoux's beaked whale (UNKNOWN) Blue whale (UNKNOWN) Burmeister's porpoise (UNKNOWN) Chilean dolphin (Chilean north stock) Chungungo, marine otter (UNKNOWN) Commerson's dolphin (UNKNOWN) Cuvier's beaked whale, goose-beaked whale (UNKNOWN) Dusky dolphin (UNKNOWN) False killer whale (UNKNOWN) Fin whale (UNKNOWN) Gray's beaked whale (UNKNOWN) Hector's beaked whale (UNKNOWN) Humpback whale (UNKNOWN) Killer whale, orca (UNKNOWN) Leopard seal (UNKNOWN) Long-finned pilot whale (UNKNOWN) Peale's dolphin (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Sei whale (UNKNOWN) Shepherd's beaked whale, Tasman beaked whale (UNKNOWN) South American fur seal (Chilean north stock) South American sea lion (South American sea lion chilean stock) Southern bottlenose whale (UNKNOWN) Southern elephant seal (UNKNOWN) Southern right whale (Chile-Peru Subpopulation) Southern right-whale dolphin (UNKNOWN) Spectacled porpoise (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN) Subantarctic fur seal (UNKNOWN) otter unspecified (UNKNOWN)	Antarctic minke whale (UNKNOWN): 0 Arnoux's beaked whale (UNKNOWN): 0 Blue whale (UNKNOWN): 0 Burmeister's porpoise (UNKNOWN): 0 Chilean dolphin (Chilean north stock): 0 Chungungo, marine otter (UNKNOWN): 0 Commerson's dolphin (UNKNOWN): 0 Cuvier's beaked whale, goose-beaked whale (UNKNOWN): 0 Dusky dolphin (UNKNOWN): 0 False killer whale (UNKNOWN): 0 Fin whale (UNKNOWN): 0 Gray's beaked whale (UNKNOWN): 0 Hector's beaked whale (UNKNOWN): 0 Humpback whale (UNKNOWN): 0 Killer whale, orca (UNKNOWN): 0 Leopard seal (UNKNOWN): 0 Long-finned pilot whale (UNKNOWN): 0 Peale's dolphin (UNKNOWN): 0 Risso's dolphin, grampus (UNKNOWN): 0 Sei whale (UNKNOWN): 0 Shepherd's beaked whale, Tasman beaked whale (UNKNOWN): 0 South American fur seal (Chilean north stock): 0 South American sea lion (South American sea lion chilean stock): UNKNOWN Southern bottlenose whale (UNKNOWN): 0 Southern elephant seal (UNKNOWN): 0 Southern right whale (Chile-Peru Subpopulation): 0 Southern right-whale dolphin (UNKNOWN): 0 Spectacled porpoise (UNKNOWN): 0 Sperm whale, cachalot (UNKNOWN): 0 Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN): 0 Subantarctic fur seal (UNKNOWN): 0 otter unspecified (UNKNOWN): 0
Atlantic salmon (<i>Salmo salar</i>), Coho(=Silver) salmon (<i>Oncorhynchus kisutch</i>), Rainbow trout (<i>Oncorhynchus mykiss</i>)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: none provided, Licenses: none provided, Participants: 5, Aquaculture Facilities: 14	EEZ,(FAO:87 Pacific Southeast),87.3.11,REGIÓ N DE LOS LAGOS; COMUNA DE QUINCHAO; ACS 9C	Antarctic minke whale (UNKNOWN) Blainville's beaked whale (UNKNOWN) Blue whale (UNKNOWN) Burmeister's porpoise (UNKNOWN) Chilean dolphin (Chilean north stock) Chungungo, marine otter (UNKNOWN) Commerson's dolphin (UNKNOWN) Common bottlenose dolphin (UNKNOWN) Common dolphin, saddleback dolphin (UNKNOWN) Cuvier's beaked whale, goose-beaked whale (UNKNOWN) Dusky dolphin (UNKNOWN) False killer whale (UNKNOWN) Fin whale (UNKNOWN) Humpback whale (UNKNOWN) Killer whale, orca (UNKNOWN) Long-finned pilot whale (UNKNOWN) Peale's dolphin (UNKNOWN) Pygmy right whale (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Sei whale (UNKNOWN) Short-finned pilot whale (UNKNOWN) South American fur seal (Chilean north stock) South American sea lion (South American sea lion chilean stock) Southern bottlenose whale (UNKNOWN) Southern elephant seal (UNKNOWN) Southern right whale (Chile-Peru Subpopulation) Southern right-whale dolphin (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Subantarctic fur seal (UNKNOWN) otter unspecified (UNKNOWN)	Antarctic minke whale (UNKNOWN): 0 Blainville's beaked whale (UNKNOWN): 0 Blue whale (UNKNOWN): 0 Burmeister's porpoise (UNKNOWN): 0 Chilean dolphin (Chilean north stock): 0 Chungungo, marine otter (UNKNOWN): 0 Commerson's dolphin (UNKNOWN): 0 Common bottlenose dolphin (UNKNOWN): 0 Common dolphin, saddleback dolphin (UNKNOWN): 0 Cuvier's beaked whale, goose-beaked whale (UNKNOWN): 0 Dusky dolphin (UNKNOWN): 0 False killer whale (UNKNOWN): 0 Fin whale (UNKNOWN): 0 Humpback whale (UNKNOWN): 0 Killer whale, orca (UNKNOWN): 0 Long-finned pilot whale (UNKNOWN): 0 Peale's dolphin (UNKNOWN): 0 Pygmy right whale (UNKNOWN): 0 Risso's dolphin, grampus (UNKNOWN): 0 Sei whale (UNKNOWN): 0 Short-finned pilot whale (UNKNOWN): 0 South American fur seal (Chilean north stock): 0 South American sea lion (South American sea lion chilean stock): UNKNOWN Southern bottlenose whale (UNKNOWN): 0 Southern elephant seal (UNKNOWN): 0 Southern right whale (Chile-Peru Subpopulation): 0 Southern right-whale dolphin (UNKNOWN): 0 Sperm whale, cachalot (UNKNOWN): 0 Subantarctic fur seal (UNKNOWN): 0 otter unspecified (UNKNOWN): 0
Atlantic salmon (<i>Salmo salar</i>), Coho(=Silver) salmon (<i>Oncorhynchus kisutch</i>), Rainbow trout (<i>Oncorhynchus mykiss</i>)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: none provided, Licenses: none provided, Participants: 6, Aquaculture Facilities: 13	EEZ,(FAO:87 Pacific Southeast),87.3.11,REGIÓ N DE LOS LAGOS; COMUNA DE QUINCHAO; ACS 9B	Antarctic minke whale (UNKNOWN) Blainville's beaked whale (UNKNOWN) Blue whale (UNKNOWN) Burmeister's porpoise (UNKNOWN) Chilean dolphin (Chilean north stock) Chungungo, marine otter (UNKNOWN) Commerson's dolphin (UNKNOWN) Common bottlenose dolphin (UNKNOWN) Common dolphin, saddleback dolphin (UNKNOWN) Dusky dolphin (UNKNOWN) False killer whale (UNKNOWN) Fin whale (UNKNOWN) Humpback whale (UNKNOWN) Killer whale, orca (UNKNOWN) Long-finned pilot whale (UNKNOWN) Peale's dolphin (UNKNOWN) Pygmy right whale (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Sei whale (UNKNOWN) Short-finned pilot whale (UNKNOWN) South American fur seal (Chilean north stock) South American sea lion (South American sea lion chilean stock) Southern bottlenose whale (UNKNOWN) Southern elephant seal (UNKNOWN) Southern right whale (Chile-Peru Subpopulation) Southern right-whale dolphin (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Subantarctic fur seal (UNKNOWN) otter unspecified (UNKNOWN)	Antarctic minke whale (UNKNOWN): 0 Blainville's beaked whale (UNKNOWN): 0 Blue whale (UNKNOWN): 0 Burmeister's porpoise (UNKNOWN): 0 Chilean dolphin (Chilean north stock): 0 Chungungo, marine otter (UNKNOWN): 0 Commerson's dolphin (UNKNOWN): 0 Common bottlenose dolphin (UNKNOWN): 0 Common dolphin, saddleback dolphin (UNKNOWN): 0 Cuvier's beaked whale, goose-beaked whale (UNKNOWN): 0 Dusky dolphin (UNKNOWN): 0 False killer whale (UNKNOWN): 0 Fin whale (UNKNOWN): 0 Humpback whale (UNKNOWN): 0 Killer whale, orca (UNKNOWN): 0 Long-finned pilot whale (UNKNOWN): 0 Peale's dolphin (UNKNOWN): 0 Pygmy right whale (UNKNOWN): 0 Risso's dolphin, grampus (UNKNOWN): 0 Sei whale (UNKNOWN): 0 Short-finned pilot whale (UNKNOWN): 0 South American fur seal (Chilean north stock): 0 South American sea lion (South American sea lion chilean stock): UNKNOWN Southern bottlenose whale (UNKNOWN): 0 Southern elephant seal (UNKNOWN): 0 Southern right whale (Chile-Peru Subpopulation): 0 Southern right-whale dolphin (UNKNOWN): 0 Sperm whale, cachalot (UNKNOWN): 0 Subantarctic fur seal (UNKNOWN): 0 otter unspecified (UNKNOWN): 0

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Atlantic salmon (<i>Salmo salar</i>), Coho(=Silver) salmon (<i>Oncorhynchus kisutch</i>), Rainbow trout (<i>Oncorhynchus mykiss</i>)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: none provided, Licenses: none provided, Participants: 11, Aquaculture Facilities: 27	EEZ,(FAO:87 Pacific Southeast),87.3.11,REGIÓ N DE LOS LAGOS; COMUNAS DE CURACO DE VELEZ, DALCAHUE, QUEMCHI Y QUINCHAO; ACS 9A	Antarctic minke whale (UNKNOWN) Blainville's beaked whale (UNKNOWN) Blue whale (UNKNOWN) Burmeister's porpoise (UNKNOWN) Chilean dolphin (Chilean north stock) Chungungo, marine otter (UNKNOWN) Commerson's dolphin (UNKNOWN) Common bottlenose dolphin (UNKNOWN) Common dolphin, saddleback dolphin (UNKNOWN) Cuvier's beaked whale, goose-beaked whale (UNKNOWN) Dusky dolphin (UNKNOWN) False killer whale (UNKNOWN) Fin whale (UNKNOWN) Humpback whale (UNKNOWN) Killer whale, orca (UNKNOWN) Long-finned pilot whale (UNKNOWN) Peale's dolphin (UNKNOWN) Pygmy right whale (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Sei whale (UNKNOWN) Short-finned pilot whale (UNKNOWN) South American fur seal (Chilean north stock) South American sea lion (South American sea lion chilean stock) Southern bottlenose whale (UNKNOWN) Southern elephant seal (UNKNOWN) Southern right whale (Chile-Peru Subpopulation) Southern right-whale dolphin (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Subantarctic fur seal (UNKNOWN) otter unspecified (UNKNOWN)	Antarctic minke whale (UNKNOWN): 0 Blainville's beaked whale (UNKNOWN): 0 Blue whale (UNKNOWN): 0 Burmeister's porpoise (UNKNOWN): 0 Chilean dolphin (Chilean north stock): 0 Chungungo, marine otter (UNKNOWN): 0 Commerson's dolphin (UNKNOWN): 0 Common bottlenose dolphin (UNKNOWN): 0 Common dolphin, saddleback dolphin (UNKNOWN): 0 Cuvier's beaked whale, goose-beaked whale (UNKNOWN): 0 Dusky dolphin (UNKNOWN): 0 False killer whale (UNKNOWN): 0 Fin whale (UNKNOWN): 0 Humpback whale (UNKNOWN): 0 Killer whale, orca (UNKNOWN): 0 Long-finned pilot whale (UNKNOWN): 0 Peale's dolphin (UNKNOWN): 0 Pygmy right whale (UNKNOWN): 0 Risso's dolphin, grampus (UNKNOWN): 0 Sei whale (UNKNOWN): 0 Short-finned pilot whale (UNKNOWN): 0 South American fur seal (Chilean north stock): 0 South American sea lion (South American sea lion chilean stock): UNKNOWN Southern bottlenose whale (UNKNOWN): 0 Southern elephant seal (UNKNOWN): 0 Southern right whale (Chile-Peru Subpopulation): 0 Southern right-whale dolphin (UNKNOWN): 0 Sperm whale, cachalot (UNKNOWN): 0 Subantarctic fur seal (UNKNOWN): 0 otter unspecified (UNKNOWN): 0	
Atlantic salmon (<i>Salmo salar</i>), Coho(=Silver) salmon (<i>Oncorhynchus kisutch</i>), Rainbow trout (<i>Oncorhynchus mykiss</i>)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: none provided, Licenses: none provided, Participants: 1, Aquaculture Facilities: 3	EEZ,(FAO:87 Pacific Southeast),87.3.13,REGIÓ N DE MAGALLANES Y DE LA ANTÁRTICA CHILENA; COMUNA DE PUNTA ARENAS; ACS 54B	Antarctic minke whale (UNKNOWN) Arnoux's beaked whale (UNKNOWN) Blue whale (UNKNOWN) Burmeister's porpoise (UNKNOWN) Chilean dolphin (Chilean north stock) Chungungo, marine otter (UNKNOWN) Commerson's dolphin (UNKNOWN) Cuvier's beaked whale, goose-beaked whale (UNKNOWN) Dusky dolphin (UNKNOWN) False killer whale (UNKNOWN) Fin whale (UNKNOWN) Gray's beaked whale (UNKNOWN) Hector's beaked whale (UNKNOWN) Humpback whale (UNKNOWN) Killer whale, orca (UNKNOWN) Leopard seal (UNKNOWN) Long-finned pilot whale (UNKNOWN) Peale's dolphin (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Sei whale (UNKNOWN) Shepherd's beaked whale, Tasman beaked whale (UNKNOWN) South American fur seal (Chilean north stock) South American sea lion (South American sea lion chilean stock) Southern bottlenose whale (UNKNOWN) Southern elephant seal (UNKNOWN) Southern right whale (Chile-Peru Subpopulation) Southern right-whale dolphin (UNKNOWN) Spectacled porpoise (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN) Subantarctic fur seal (UNKNOWN) otter unspecified (UNKNOWN)	Antarctic minke whale (UNKNOWN): 0 Arnoux's beaked whale (UNKNOWN): 0 Blue whale (UNKNOWN): 0 Burmeister's porpoise (UNKNOWN): 0 Chilean dolphin (Chilean north stock): 0 Chungungo, marine otter (UNKNOWN): 0 Commerson's dolphin (UNKNOWN): 0 Cuvier's beaked whale, goose-beaked whale (UNKNOWN): 0 Dusky dolphin (UNKNOWN): 0 False killer whale (UNKNOWN): 0 Fin whale (UNKNOWN): 0 Gray's beaked whale (UNKNOWN): 0 Hector's beaked whale (UNKNOWN): 0 Humpback whale (UNKNOWN): 0 Killer whale, orca (UNKNOWN): 0 Leopard seal (UNKNOWN): 0 Long-finned pilot whale (UNKNOWN): 0 Peale's dolphin (UNKNOWN): 0 Risso's dolphin, grampus (UNKNOWN): 0 Sei whale (UNKNOWN): 0 Shepherd's beaked whale, Tasman beaked whale (UNKNOWN): 0 South American fur seal (Chilean north stock): 0 South American sea lion (South American sea lion chilean stock): UNKNOWN Southern bottlenose whale (UNKNOWN): 0 Southern elephant seal (UNKNOWN): 0 Southern right whale (Chile-Peru Subpopulation): 0 Southern right-whale dolphin (UNKNOWN): 0 Spectacled porpoise (UNKNOWN): 0 Sperm whale, cachalot (UNKNOWN): 0 Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN): 0 Subantarctic fur seal (UNKNOWN): 0 otter unspecified (UNKNOWN): 0	
Atlantic salmon (<i>Salmo salar</i>), Coho(=Silver) salmon (<i>Oncorhynchus kisutch</i>), Rainbow trout (<i>Oncorhynchus mykiss</i>)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: none provided, Licenses: none provided, Participants: 1, Aquaculture Facilities: 3	EEZ,(FAO:87 Pacific Southeast),87.3.13,REGIÓ N DE MAGALLANES Y DE LA ANTÁRTICA CHILENA; COMUNA DE PUNTA ARENAS; ACS 54A	Antarctic minke whale (UNKNOWN) Arnoux's beaked whale (UNKNOWN) Blue whale (UNKNOWN) Burmeister's porpoise (UNKNOWN) Chilean dolphin (Chilean north stock) Chungungo, marine otter (UNKNOWN) Commerson's dolphin (UNKNOWN) Cuvier's beaked whale, goose-beaked whale (UNKNOWN) Dusky dolphin (UNKNOWN) False killer whale (UNKNOWN) Hector's beaked whale (UNKNOWN) Humpback whale (UNKNOWN) Killer whale, orca (UNKNOWN) Leopard seal (UNKNOWN) Long-finned pilot whale (UNKNOWN) Peale's dolphin (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Sei whale (UNKNOWN) Shepherd's beaked whale, Tasman beaked whale (UNKNOWN) South American fur seal (Chilean north stock) South American sea lion (South American sea lion chilean stock) Southern bottlenose whale (UNKNOWN) Southern elephant seal (UNKNOWN) Southern right whale (Chile-Peru Subpopulation) Southern right-whale dolphin (UNKNOWN) Spectacled porpoise (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN) Subantarctic fur seal (UNKNOWN) otter unspecified (UNKNOWN)	Antarctic minke whale (UNKNOWN): 0 Arnoux's beaked whale (UNKNOWN): 0 Blue whale (UNKNOWN): 0 Burmeister's porpoise (UNKNOWN): 0 Chilean dolphin (Chilean north stock): 0 Chungungo, marine otter (UNKNOWN): 0 Commerson's dolphin (UNKNOWN): 0 Cuvier's beaked whale, goose-beaked whale (UNKNOWN): 0 Dusky dolphin (UNKNOWN): 0 False killer whale (UNKNOWN): 0 Fin whale (UNKNOWN): 0 Gray's beaked whale (UNKNOWN): 0 Hector's beaked whale (UNKNOWN): 0 Humpback whale (UNKNOWN): 0 Killer whale, orca (UNKNOWN): 0 Leopard seal (UNKNOWN): 0 Long-finned pilot whale (UNKNOWN): 0 Peale's dolphin (UNKNOWN): 0 Risso's dolphin, grampus (UNKNOWN): 0 Sei whale (UNKNOWN): 0 Shepherd's beaked whale, Tasman beaked whale (UNKNOWN): 0 South American fur seal (Chilean north stock): 0 South American sea lion (South American sea lion chilean stock): UNKNOWN Southern bottlenose whale (UNKNOWN): 0 Southern elephant seal (UNKNOWN): 0 Southern right whale (Chile-Peru Subpopulation): 0 Southern right-whale dolphin (UNKNOWN): 0 Spectacled porpoise (UNKNOWN): 0 Sperm whale, cachalot (UNKNOWN): 0 Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN): 0 Subantarctic fur seal (UNKNOWN): 0 otter unspecified (UNKNOWN): 0	

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates
Atlantic salmon (<i>Salmo salar</i>), Coho(=Silver) salmon (<i>Oncorhynchus kisutch</i>), Rainbow trout (<i>Oncorhynchus mykiss</i>)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: none provided, Licenses: none provided, Participants: 5, Aquaculture Facilities: 16	EEZ,(FAO:87 Pacific Southeast),87.3.13,REGIÓ N DE MAGALLANES Y DE LA ANTÁRTICA CHILENA; COMUNA DE RIO VERDE; ACS 50B	Antarctic minke whale (UNKNOWN) Arnoux's beaked whale (UNKNOWN) Blue whale (UNKNOWN) Burmeister's porpoise (UNKNOWN) Chilean dolphin (Chilean north stock) Chungungo, marine otter (UNKNOWN) Commerson's dolphin (UNKNOWN) Cuvier's beaked whale, goose-beaked whale (UNKNOWN) Dusky dolphin (UNKNOWN) False killer whale (UNKNOWN) Fin whale (UNKNOWN) Gray's beaked whale (UNKNOWN) Hector's beaked whale (UNKNOWN) Humpback whale (UNKNOWN) Killer whale, orca (UNKNOWN) Leopard seal (UNKNOWN) Long-finned pilot whale (UNKNOWN) Peale's dolphin (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Sei whale (UNKNOWN) Shepherd's beaked whale, Tasman beaked whale (UNKNOWN) South American fur seal (Chilean north stock) South American sea lion (South American sea lion chilean stock) Southern bottlenose whale (UNKNOWN) Southern elephant seal (UNKNOWN) Southern right whale (Chile-Peru Subpopulation) Southern right-whale dolphin (UNKNOWN) Spectacled porpoise (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN) Subantarctic fur seal (UNKNOWN) otter unspecified (UNKNOWN)	Antarctic minke whale (UNKNOWN): 0 Arnoux's beaked whale (UNKNOWN): 0 Blue whale (UNKNOWN): 0 Burmeister's porpoise (UNKNOWN): 0 Chilean dolphin (Chilean north stock): 0 Chungungo, marine otter (UNKNOWN): 0 Commerson's dolphin (UNKNOWN): 0 Cuvier's beaked whale, goose-beaked whale (UNKNOWN): 0 Dusky dolphin (UNKNOWN): 0 False killer whale (UNKNOWN): 0 Fin whale (UNKNOWN): 0 Gray's beaked whale (UNKNOWN): 0 Hector's beaked whale (UNKNOWN): 0 Humpback whale (UNKNOWN): 0 Killer whale, orca (UNKNOWN): 0 Leopard seal (UNKNOWN): 0 Long-finned pilot whale (UNKNOWN): 0 Peale's dolphin (UNKNOWN): 0 Risso's dolphin, grampus (UNKNOWN): 0 Sei whale (UNKNOWN): 0 Shepherd's beaked whale, Tasman beaked whale (UNKNOWN): 0 South American fur seal (Chilean north stock): 0 South American sea lion (South American sea lion chilean stock): UNKNOWN Southern bottlenose whale (UNKNOWN): 0 Southern elephant seal (UNKNOWN): 0 Southern right whale (Chile-Peru Subpopulation): 0 Southern right-whale dolphin (UNKNOWN): 0 Spectacled porpoise (UNKNOWN): 0 Sperm whale, cachalot (UNKNOWN): 0 Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN): 0 Subantarctic fur seal (UNKNOWN): 0 otter unspecified (UNKNOWN): 0
Albacore (<i>Thunnus alalunga</i>), Angler(=Monk) (<i>Lophius piscatorius</i>), Angler(=Monk) (<i>Lophius piscatorius</i>), Bigeye tuna (<i>Thunnus obesus</i>), Blue shark (<i>Prionace glauca</i>), Blue shark (<i>Prionace glauca</i>), Butterfly kingfish (<i>Gasterochisma melampus</i>), Common dolphinfish (<i>Coryphaena hippurus</i>), Eastern Pacific bonito (<i>Sarda chiliensis</i>), Escolar (<i>Lepidocybium flavobrunneum</i>), Oilfish (<i>Ruvettus pretiosus</i>), Opah (<i>Lampris guttatus</i>), Porbeagle (<i>Lamna nasus</i>), Rays and skates nei (<i>Rajidae</i>), Shortfin mako (<i>Isurus oxyrinchus</i>), Shortfin mako (<i>Isurus oxyrinchus</i>), Skipjack tuna (<i>Katsuwonus pelamis</i>), Striped marlin (<i>Tetrapturus audax</i>), Thresher (<i>Alopias vulpinus</i>), Wahoo (<i>Acanthocybium solandri</i>), Yellowfin tuna (<i>Thunnus albacares</i>), Yellowtail amberjack (<i>Seriola lalandi</i>)	Longlines (not specified), (Pelagic)	Number of Vessels: 100, Licenses: none provided, Participants: none provided, Aquaculture Facilities: N/A	EEZ,(FAO:87 Pacific Southeast),87.2.11, 87.2.12, 87.2.13,Artisanal Longline Fishery for Sharks (marrajo y azulejo). Operating in Chilean administrative Regions: Arica-Parinacota (XV) to Atacama (III). #33	Antarctic minke whale (UNKNOWN) Blue whale (UNKNOWN) Bryde's whale (UNKNOWN) Burmeister's porpoise (UNKNOWN) Chungungo, marine otter (UNKNOWN) Common bottlenose dolphin (UNKNOWN) Common dolphin, saddleback dolphin (UNKNOWN) Cuvier's beaked whale, goose-beaked whale (UNKNOWN) Dusky dolphin (UNKNOWN) Dwarf sperm whale (UNKNOWN) False killer whale (UNKNOWN) Fin whale (UNKNOWN) Humpback whale (UNKNOWN) Killer whale, orca (UNKNOWN) Long-beaked Common Dolphin (UNKNOWN) Long-finned pilot whale (UNKNOWN) Pygmy beaked whale (UNKNOWN) Pygmy killer whale (UNKNOWN) Pygmy sperm whale (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Sei whale (UNKNOWN) Short-finned pilot whale (UNKNOWN) South American fur seal (Chilean north stock) South American sea lion (South American sea lion chilean stock) Southern elephant seal (UNKNOWN) Southern right whale (Chile-Peru Subpopulation) Southern right-whale dolphin (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Striped dolphin (UNKNOWN) Subantarctic fur seal (UNKNOWN)	Antarctic minke whale (UNKNOWN): 0 Blue whale (UNKNOWN): 0 Bryde's whale (UNKNOWN): 0 Burmeister's porpoise (UNKNOWN): 0 Chungungo, marine otter (UNKNOWN): 0 Common bottlenose dolphin (UNKNOWN): 0 Common dolphin, saddleback dolphin (UNKNOWN): 0 Cuvier's beaked whale, goose-beaked whale (UNKNOWN): 0 Dusky dolphin (UNKNOWN): 0 Dwarf sperm whale (UNKNOWN): 0 False killer whale (UNKNOWN): 0 Fin whale (UNKNOWN): 0 Humpback whale (UNKNOWN): 0 Killer whale, orca (UNKNOWN): 0 Long-beaked Common Dolphin (UNKNOWN): 0 Long-finned pilot whale (UNKNOWN): 0 Pygmy beaked whale (UNKNOWN): 0 Pygmy killer whale (UNKNOWN): 0 Pygmy sperm whale (UNKNOWN): 0 Risso's dolphin, grampus (UNKNOWN): 0 Sei whale (UNKNOWN): 0 Short-finned pilot whale (UNKNOWN): 0 South American fur seal (Chilean north stock): 0 South American sea lion (South American sea lion chilean stock): 0 Southern elephant seal (UNKNOWN): 0 Southern right whale (Chile-Peru Subpopulation): 0 Southern right-whale dolphin (UNKNOWN): 0 Sperm whale, cachalot (UNKNOWN): 0 Striped dolphin (UNKNOWN): 0 Subantarctic fur seal (UNKNOWN): 0

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
<p>Albacore (Thunnus alalunga), Bigeye tuna (Thunnus obesus), Blue shark (Prionace glauca), Butterfly kingfish (Gasterochisma melampus), Opah (Lampris guttatus), Porbeagle (Lamna nasus), Shortfin mako (Isurus oxyrinchus), Swordfish (Xiphias gladius), Yellowfin tuna (Thunnus albacares), Yellowtail amberjack (Seriola lalandi)</p>	<p>Gillnets and entangling nets (not specified), (Pelagic)</p>	<p>Number of Vessels: 200, Licenses: none provided, Participants: none provided, Aquaculture Facilities: N/A</p>	<p>High Seas,EEZ,(FAO:87 Pacific Southeast),87.2.1, 87.2.11, 87.2.12, 87.2.13, 87.2.14, 87.2.15, 87.2.16, 87.2.17, 87.2.2, 87.2.21, 87.2.22, 87.2.23, 87.2.24, 87.2.25, 87.2.26, 87.2.27, 87.2.3, 87.2.4, 87.2.5, 87.2.6, 87.3.1, 87.3.11, 87.3.12, 87.3.13, 87.3.2, 87.3.21, 87.3.22, 87.3.23, 87.3.3,Artisanal gillnets fishery for Swordfish (pez espada). Operating in Chilean administrative Regions: Arica-Parinacota (XV) to Los Lagos (X). #35</p>	<p>Antarctic fur seal (UNKNOWN) Antarctic minke whale (UNKNOWN) Arnoux's beaked whale (UNKNOWN) Blainville's beaked whale (UNKNOWN) Blue whale (UNKNOWN) Bryde's whale (UNKNOWN) Burmeister's porpoise (UNKNOWN) Chilean dolphin (Chilean north stock) Chilean dolphin (Chilean south stock) Chungungo, marine otter (UNKNOWN) Commerson's dolphin (UNKNOWN) Common bottlenose dolphin (UNKNOWN) Common dolphin, saddleback dolphin (UNKNOWN) Cuvier's beaked whale, goose-beaked whale (UNKNOWN) Dusky dolphin (UNKNOWN) Dwarf sperm whale (UNKNOWN) False killer whale (UNKNOWN) Fin whale (UNKNOWN) Hourglass dolphin (UNKNOWN) Humpback whale (UNKNOWN) Juan Fernandez fur seal (Juan Fernandez Archipelago) Killer whale, orca (UNKNOWN) Leopard seal (UNKNOWN) Long-beaked Common Dolphin (UNKNOWN) Long-finned pilot whale (UNKNOWN) Peale's dolphin (UNKNOWN) Pygmy beaked whale (UNKNOWN) Pygmy killer whale (UNKNOWN) Pygmy right whale (UNKNOWN) Pygmy sperm whale (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Sei whale (UNKNOWN) Shepherd's beaked whale, Tasman beaked whale (UNKNOWN) Short-finned pilot whale (UNKNOWN) South American fur seal (Chilean north stock) South American fur seal (Chilean south stock) South American sea lion (South American sea lion chilean stock) Southern bottlenose whale (UNKNOWN) Southern elephant seal (UNKNOWN) Southern right whale (Chile-Peru Subpopulation) Southern right-whale dolphin (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Striped dolphin (UNKNOWN) Subantarctic fur seal (UNKNOWN) otter unspecified (UNKNOWN)</p>	<p>Antarctic fur seal (UNKNOWN): 0 Antarctic minke whale (UNKNOWN): 0 Arnoux's beaked whale (UNKNOWN): 0 Blainville's beaked whale (UNKNOWN): 0 Blue whale (UNKNOWN): 0 Bryde's whale (UNKNOWN): 0 Burmeister's porpoise (UNKNOWN): 0 Chilean dolphin (Chilean north stock): 0 Chilean dolphin (Chilean south stock): 0 Chungungo, marine otter (UNKNOWN): 0 Commerson's dolphin (UNKNOWN): 0 Common bottlenose dolphin (UNKNOWN): 0 Common dolphin, saddleback dolphin (UNKNOWN): 95 Cuvier's beaked whale, goose-beaked whale (UNKNOWN): 0 Dusky dolphin (UNKNOWN): 0 Dwarf sperm whale (UNKNOWN): 0 False killer whale (UNKNOWN): 0 Fin whale (UNKNOWN): 0 Hourglass dolphin (UNKNOWN): 0 Humpback whale (UNKNOWN): 0 Juan Fernandez fur seal (Juan Fernandez Archipelago): 83 Killer whale, orca (UNKNOWN): 0 Leopard seal (UNKNOWN): 0 Long-beaked Common Dolphin (UNKNOWN): 0 Long-finned pilot whale (UNKNOWN): 17 Peale's dolphin (UNKNOWN): 0 Pygmy beaked whale (UNKNOWN): 0 Pygmy killer whale (UNKNOWN): 0 Pygmy right whale (UNKNOWN): 0 Pygmy sperm whale (UNKNOWN): 0 Risso's dolphin, grampus (UNKNOWN): 0 Sei whale (UNKNOWN): 0 Shepherd's beaked whale, Tasman beaked whale (UNKNOWN): 0 Short-finned pilot whale (UNKNOWN): 8 South American fur seal (Chilean north stock): 0 South American fur seal (Chilean south stock): 17 Southern bottlenose whale (UNKNOWN): 0 Southern elephant seal (UNKNOWN): 0 Southern right whale (Chile-Peru Subpopulation): 0 Southern right-whale dolphin (UNKNOWN): 0 Sperm whale, cachalot (UNKNOWN): 0 Striped dolphin (UNKNOWN): 0 Subantarctic fur seal (UNKNOWN): 0 otter unspecified (UNKNOWN): 0</p>	<p>IATTC</p>
<p>Bastard halibuts nei (Paralichthys spp), Bigeye flounder (Hippoglossina macrops), Black cusk-eel (Genypterus maculatus), Blue squat lobster (Cervimunida johni), Cabinza grunt (Isacia conceptionis), Carrot squat lobster (Pleuroncodes monodon), Chilean jack mackerel (Trachurus murphyi), Chilean nylon shrimp (Heterocarpus reedi), Corvina drum (Cilus gilberti), Cusk-eels nei (Genypterus spp), Fine flounder (Paralichthys adspersus), Jumbo flying squid (Dosidicus gigas), Pacific chub mackerel (Scomber japonicus), Pacific sandperch (Prolatilus jugularis), Palm ruff (SeriOLElla violacea), Patagonian redfish (Sebastes oculatus), Peruvian rock seabass (Paralabrax humeralis), Pink cusk-eel (Genypterus blacodes), Plownose chimaera (Callorhinchus callorynchus), Red cusk-eel (Genypterus chilensis), Sciaenas nei (Sciaena spp), Snoek (Thyrsites atun), South Pacific hake (Merluccius gayi), Southern rays bream (Brama australis)</p>	<p>Gillnets and entangling nets (not specified), (Demersal), Longlines (not specified), (Demersal)</p>	<p>Number of Vessels: 1150, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided</p>	<p>EEZ,(FAO:87 Pacific Southeast),87.2.14, 87.2.15, 87.2.16, 87.2.17, 87.3.11,Artisanal Gillnets and Longline Fishery for South Pacific hake. Operating Between Chilean administrative Regions: Coquimbo (IV) to Los Lagos (X). #16</p>	<p>Antarctic fur seal (UNKNOWN) Antarctic minke whale (UNKNOWN) Blainville's beaked whale (UNKNOWN) Blue whale (UNKNOWN) Bryde's whale (UNKNOWN) Burmeister's porpoise (UNKNOWN) Chilean dolphin (Chilean north stock) Chilean dolphin (Chilean south stock) Chungungo, marine otter (UNKNOWN) Commerson's dolphin (UNKNOWN) Common bottlenose dolphin (UNKNOWN) Common dolphin, saddleback dolphin (UNKNOWN) Cuvier's beaked whale, goose-beaked whale (UNKNOWN) Dusky dolphin (UNKNOWN) Dwarf sperm whale (UNKNOWN) False killer whale (UNKNOWN) Fin whale (UNKNOWN) Hourglass dolphin (UNKNOWN) Humpback whale (UNKNOWN) Juan Fernandez fur seal (Juan Fernandez Archipelago) Killer whale, orca (UNKNOWN) Leopard seal (UNKNOWN) Long-finned pilot whale (UNKNOWN) Peale's dolphin (UNKNOWN) Pygmy beaked whale (UNKNOWN) Pygmy right whale (UNKNOWN) Pygmy sperm whale (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Sei whale (UNKNOWN) Shepherd's beaked whale, Tasman beaked whale (UNKNOWN) Short-finned pilot whale (UNKNOWN) South American fur seal (Chilean north stock) South American fur seal (Chilean south stock) South American sea lion (South American sea lion chilean stock) Southern bottlenose whale (UNKNOWN) Southern elephant seal (UNKNOWN) Southern right whale (Chile-Peru Subpopulation) Southern right-whale dolphin (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Subantarctic fur seal (UNKNOWN) otter unspecified (UNKNOWN)</p>	<p>Antarctic fur seal (UNKNOWN): UNKNOWN Antarctic minke whale (UNKNOWN): UNKNOWN Blainville's beaked whale (UNKNOWN): UNKNOWN Blue whale (UNKNOWN): UNKNOWN Bryde's whale (UNKNOWN): UNKNOWN Burmeister's porpoise (UNKNOWN): UNKNOWN Chilean dolphin (Chilean north stock): UNKNOWN Chilean dolphin (Chilean south stock): UNKNOWN Chungungo, marine otter (UNKNOWN): UNKNOWN Commerson's dolphin (UNKNOWN): UNKNOWN Common bottlenose dolphin (UNKNOWN): UNKNOWN Common dolphin, saddleback dolphin (UNKNOWN): UNKNOWN Cuvier's beaked whale, goose-beaked whale (UNKNOWN): UNKNOWN Dusky dolphin (UNKNOWN): UNKNOWN Dwarf sperm whale (UNKNOWN): UNKNOWN False killer whale (UNKNOWN): UNKNOWN Fin whale (UNKNOWN): UNKNOWN Hourglass dolphin (UNKNOWN): UNKNOWN Humpback whale (UNKNOWN): UNKNOWN Juan Fernandez fur seal (Juan Fernandez Archipelago): UNKNOWN Killer whale, orca (UNKNOWN): UNKNOWN Leopard seal (UNKNOWN): UNKNOWN Long-finned pilot whale (UNKNOWN): UNKNOWN Peale's dolphin (UNKNOWN): UNKNOWN Pygmy beaked whale (UNKNOWN): UNKNOWN Pygmy right whale (UNKNOWN): UNKNOWN Pygmy sperm whale (UNKNOWN): UNKNOWN Risso's dolphin, grampus (UNKNOWN): UNKNOWN Sei whale (UNKNOWN): UNKNOWN Shepherd's beaked whale, Tasman beaked whale (UNKNOWN): UNKNOWN Short-finned pilot whale (UNKNOWN): UNKNOWN South American fur seal (Chilean north stock): UNKNOWN South American fur seal (Chilean south stock): UNKNOWN South American sea lion (South American sea lion chilean stock): UNKNOWN Southern bottlenose whale (UNKNOWN): UNKNOWN Southern elephant seal (UNKNOWN): UNKNOWN Southern right whale (Chile-Peru Subpopulation): UNKNOWN Southern right-whale dolphin (UNKNOWN): UNKNOWN Sperm whale, cachalot (UNKNOWN): UNKNOWN</p>	

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
<p>Bastard halibuts nei (<i>Paralichthys</i> spp), Bigeye flounder (<i>Hippoglossina macrops</i>), Black cusk-eel (<i>Genypterus maculatus</i>), Blue squat lobster (<i>Cervimunida johni</i>), Cabinza grunt (<i>Isacia conceptionis</i>), Cape redfish (<i>Sebastes capensis</i>), Carrot squat lobster (<i>Pleuroncodes monodon</i>), Chilean jack mackerel (<i>Trachurus murphyi</i>), Chilean nylon shrimp (<i>Heterocarpus reedi</i>), Epigonus crassicaudus (<i>Epigonus crassicaudus</i>), Fine flounder (<i>Paralichthys adpersus</i>), Jumbo flying squid (<i>Dosidicus gigas</i>), Pacific chub mackerel (<i>Scomber japonicus</i>), Pacific sandperch (<i>Prolatilus jugularis</i>), Palm ruff (<i>Seriolella violacea</i>), Patagonian blennie (<i>Eleginops maclovinus</i>), Patagonian grenadier (<i>Macruronus magellanicus</i>), Peruvian rock seabass (<i>Paralabrax humeralis</i>), Pink cusk-eel (<i>Genypterus blacodes</i>), Plownose chimaera (<i>Callorhinchus callorynchus</i>), Red cusk-eel (<i>Genypterus chilensis</i>), Sciaenas nei (<i>Sciaena</i> spp), Snoek (<i>Thyrsites atun</i>), South Pacific hake (<i>Merluccius gayi</i>), Southern blue whiting (<i>Micromesistius australis</i>), Southern hake (<i>Merluccius australis</i>), Southern rays bream (<i>Brama australis</i>), Splendid alfonsino (<i>Beryx splendens</i>)</p>	<p>Trawls (not specified), (Demersal)</p>	<p>Number of Vessels: 3, Licenses: none provided, Participants: none provided, Aquaculture Facilities: N/A</p>	<p>EEZ,(FAO:87 Pacific Southeast),87.2.14, 87.2.15, 87.2.16, 87.2.17, 87.3.11,Industrial Demersal Trawl Fishery for South Pacific hake (merluza comun). Fleet composed of vessels with engines >1000 hp. Operating in Administrative Chilean Regions: Comquimbo (IV) to Los Lagos (X). #18</p>	<p>Antarctic fur seal (UNKNOWN) Antarctic minke whale (UNKNOWN) Blainville's beaked whale (UNKNOWN) Blue whale (UNKNOWN) Bryde's whale (UNKNOWN) Burmeister's porpoise (UNKNOWN) Chilean dolphin (Chilean north stock) Chilean dolphin (Chilean south stock) Chungungo, marine otter (UNKNOWN) Commerson's dolphin (UNKNOWN) Common bottlenose dolphin (UNKNOWN) Common dolphin, saddleback dolphin (UNKNOWN) Cuvier's beaked whale, goose-beaked whale (UNKNOWN) Dusky dolphin (UNKNOWN) Dwarf sperm whale (UNKNOWN) False killer whale (UNKNOWN) Fin whale (UNKNOWN) Hourglass dolphin (UNKNOWN) Humpback whale (UNKNOWN) Juan Fernandez fur seal (Juan Fernandez Archipelago) Killer whale, orca (UNKNOWN) Leopard seal (UNKNOWN) Long-finned pilot whale (UNKNOWN) Peale's dolphin (UNKNOWN) Pygmy beaked whale (UNKNOWN) Pygmy right whale (UNKNOWN) Pygmy sperm whale (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Sei whale (UNKNOWN) Shepherd's beaked whale, Tasman beaked whale (UNKNOWN) Short-finned pilot whale (UNKNOWN) South American fur seal (Chilean north stock) South American fur seal (Chilean south stock) South American sea lion (South American sea lion chilean stock) Southern bottlenose whale (UNKNOWN) Southern elephant seal (UNKNOWN) Southern right whale (Chile-Peru Subpopulation) Southern right-whale dolphin (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Subantarctic fur seal (UNKNOWN) otter unspecified (UNKNOWN)</p>	<p>Antarctic fur seal (UNKNOWN): 0 Antarctic minke whale (UNKNOWN): 0 Blainville's beaked whale (UNKNOWN): 0 Blue whale (UNKNOWN): 0 Bryde's whale (UNKNOWN): 0 Burmeister's porpoise (UNKNOWN): 0 Chilean dolphin (Chilean north stock): 0 Chilean dolphin (Chilean south stock): 0 Chungungo, marine otter (UNKNOWN): 0 Commerson's dolphin (UNKNOWN): 0 Common bottlenose dolphin (UNKNOWN): 0 Common dolphin, saddleback dolphin (UNKNOWN): 0 Cuvier's beaked whale, goose-beaked whale (UNKNOWN): 0 Dusky dolphin (UNKNOWN): 0 Dwarf sperm whale (UNKNOWN): 0 False killer whale (UNKNOWN): 0 Fin whale (UNKNOWN): 0 Hourglass dolphin (UNKNOWN): 0 Humpback whale (UNKNOWN): 0 Juan Fernandez fur seal (Juan Fernandez Archipelago): 0 Killer whale, orca (UNKNOWN): 0 Leopard seal (UNKNOWN): 0 Long-finned pilot whale (UNKNOWN): 0 Peale's dolphin (UNKNOWN): 0 Pygmy beaked whale (UNKNOWN): 0 Pygmy right whale (UNKNOWN): 0 Pygmy sperm whale (UNKNOWN): 0 Risso's dolphin, grampus (UNKNOWN): 0 Sei whale (UNKNOWN): 0 Shepherd's beaked whale, Tasman beaked whale (UNKNOWN): 0 Short-finned pilot whale (UNKNOWN): 0 South American fur seal (Chilean north stock): 0 South American fur seal (Chilean south stock): 0 South American sea lion (South American sea lion chilean stock): 53.8 Southern bottlenose whale (UNKNOWN): 0 Southern elephant seal (UNKNOWN): 0 Southern right whale (Chile-Peru Subpopulation): 0 Southern right-whale dolphin (UNKNOWN): 0 Sperm whale, cachalot (UNKNOWN): 0 Subantarctic fur seal (UNKNOWN): 0 otter unspecified (UNKNOWN): 0</p>	
<p>Black cusk-eel (<i>Genypterus maculatus</i>), Cape redfish (<i>Sebastes capensis</i>), Chilean jack mackerel (<i>Trachurus murphyi</i>), Epigonus crassicaudus (<i>Epigonus crassicaudus</i>), Pacific sandperch (<i>Prolatilus jugularis</i>), Palm ruff (<i>Seriolella violacea</i>), Patagonian blennie (<i>Eleginops maclovinus</i>), Patagonian grenadier (<i>Macruronus magellanicus</i>), Pink cusk-eel (<i>Genypterus blacodes</i>), Plownose chimaera (<i>Callorhinchus callorynchus</i>), Rays and skates nei (<i>Rajidae</i>), Red cusk-eel (<i>Genypterus chilensis</i>), Rosefishes nei (<i>Helicolenus</i> spp), Slender tuna (<i>Allothunnus fallai</i>), Snoek (<i>Thyrsites atun</i>), South Pacific hake (<i>Merluccius gayi</i>), Southern hake (<i>Merluccius australis</i>), Southern rays bream (<i>Brama australis</i>), White warehou (<i>Seriolella caerulea</i>), Yellownose skate (<i>Zearaja chilensis</i>)</p>	<p>Longlines (not specified), (Demersal)</p>	<p>Number of Vessels: 3484, Licenses: none provided, Participants: none provided, Aquaculture Facilities: N/A</p>	<p>EEZ,(FAO:87 Pacific Southeast),87.3.11, 87.3.12, 87.3.13,Artisanal Longline Fishery For Pink cusk-eel and Southern hake. Operating in Chilean Administrative Regions: Los Lagos (X) to Magallanes (XII). #19</p>	<p>Antarctic minke whale (UNKNOWN) Arnoux's beaked whale (UNKNOWN)Blainville's beaked whale (UNKNOWN) Blue whale (UNKNOWN) Burmeister's porpoise (UNKNOWN) Chilean dolphin (Chilean south stock) Chungungo, marine otter (UNKNOWN) Commerson's dolphin (UNKNOWN) Common bottlenose dolphin (UNKNOWN) Common dolphin, saddleback dolphin (UNKNOWN) Cuvier's beaked whale, goose-beaked whale (UNKNOWN) Dusky dolphin (UNKNOWN) False killer whale (UNKNOWN) Fin whale (UNKNOWN) Gray's beaked whale (UNKNOWN) Hector's beaked whale (UNKNOWN) Humpback whale (UNKNOWN) Killer whale, orca (UNKNOWN) Leopard seal (UNKNOWN) Long-finned pilot whale (UNKNOWN) Peale's dolphin (UNKNOWN) Pygmy right whale (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Sei whale (UNKNOWN) Shepherd's beaked whale, Tasman beaked whale (UNKNOWN) Short-finned pilot whale (UNKNOWN) South American fur seal (Chilean north stock) South American fur seal (Chilean south stock) South American sea lion (South American sea lion chilean stock) Southern bottlenose whale (UNKNOWN) Southern elephant seal (UNKNOWN) Southern right whale (Chile-Peru Subpopulation) Southern right whale (Southern Right Whale records in the Strait of Magellan, belonging to the Argentine population) Southern right-whale dolphin (UNKNOWN) Spectacled porpoise (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN) Subantarctic fur seal (UNKNOWN) otter unspecified (UNKNOWN)</p>	<p>Antarctic minke whale (UNKNOWN): UNKNOWN Arnoux's beaked whale (UNKNOWN): UNKNOWN Blainville's beaked whale (UNKNOWN): UNKNOWN Blue whale (UNKNOWN): UNKNOWN Burmeister's porpoise (UNKNOWN): UNKNOWN Chilean dolphin (Chilean south stock): UNKNOWN Chungungo, marine otter (UNKNOWN): UNKNOWN Commerson's dolphin (UNKNOWN): UNKNOWN Common bottlenose dolphin (UNKNOWN): UNKNOWN Common dolphin, saddleback dolphin (UNKNOWN): UNKNOWN Cuvier's beaked whale, goose-beaked whale (UNKNOWN): UNKNOWN Dusky dolphin (UNKNOWN): UNKNOWN False killer whale (UNKNOWN): UNKNOWN Fin whale (UNKNOWN): UNKNOWN Gray's beaked whale (UNKNOWN): UNKNOWN Hector's beaked whale (UNKNOWN): UNKNOWN Humpback whale (UNKNOWN): UNKNOWN Killer whale, orca (UNKNOWN): UNKNOWN Leopard seal (UNKNOWN): UNKNOWN Long-finned pilot whale (UNKNOWN): UNKNOWN Peale's dolphin (UNKNOWN): UNKNOWN Pygmy right whale (UNKNOWN): UNKNOWN Risso's dolphin, grampus (UNKNOWN): UNKNOWN Sei whale (UNKNOWN): UNKNOWN Shepherd's beaked whale, Tasman beaked whale (UNKNOWN): UNKNOWN Short-finned pilot whale (UNKNOWN): UNKNOWN South American fur seal (Chilean north stock): UNKNOWN South American fur seal (Chilean south stock): UNKNOWN South American sea lion (South American sea lion chilean stock): UNKNOWN Southern bottlenose whale (UNKNOWN): UNKNOWN Southern elephant seal (UNKNOWN): UNKNOWN Southern right whale (Chile-Peru Subpopulation): UNKNOWN Southern right whale (Southern Right Whale records in the Strait of Magellan, belonging to the Argentine population): UNKNOWN Southern right-whale dolphin (UNKNOWN): UNKNOWN Spectacled porpoise (UNKNOWN): UNKNOWN Sperm whale, cachalot (UNKNOWN): UNKNOWN Strap-toothed beaked whale, Layard's beaked whale</p>	

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Cape redfish (<i>Sebastes capensis</i>), Chilean jack mackerel (<i>Trachurus murphyi</i>), Patagonian grenadier (<i>Macruronus magellanicus</i>), Patagonian redfish (<i>Sebastes oculatus</i>), Patagonian toothfish (<i>Dissostichus eleginoides</i>), Pink cusk-eel (<i>Genypterus blacodes</i>), Silver warehou (<i>Seriolella punctata</i>), Snoek (<i>Thyrsites atun</i>), Southern blue whiting (<i>Micromesistius australis</i>), Southern hake (<i>Merluccius australis</i>), Southern rays bream (<i>Brama australis</i>), Tadpole codling (<i>Salilota australis</i>), White warehou (<i>Seriolella caerulea</i>)	Midwater trawls (not specified), (Demersal)	Number of Vessels: 2, Licenses: none provided, Participants: none provided, Aquaculture Facilities: N/A	EEZ,(FAO:87 Pacific Southeast),87.3.12, 87.3.13,Industrial Multispecific Mid Water Factory Trawl Fishery Targeting Southern Blue Whiting. Operating in Chilean administrative Regions: Aysen (XI) to Magallanes (XII). #21	Antarctic minke whale (UNKNOWN): 0 Arnoux's beaked whale (UNKNOWN): 0 Blue whale (UNKNOWN): 0 Burmeister's porpoise (UNKNOWN): 0 Chilean dolphin (Chilean south stock): 0 Chungungo, marine otter (UNKNOWN): 0 Commerson's dolphin (UNKNOWN): 0 Cuvier's beaked whale, goose-beaked whale (UNKNOWN): 0 Dusky dolphin (UNKNOWN): 0 False killer whale (UNKNOWN): 0 Fin whale (UNKNOWN): 0 Gray's beaked whale (UNKNOWN): 0 Hector's beaked whale (UNKNOWN): 0 Humpback whale (UNKNOWN): 0 Killer whale, orca (UNKNOWN): 0 Leopard seal (UNKNOWN): 0 Long-finned pilot whale (UNKNOWN): 0 Peale's dolphin (UNKNOWN): 0 Risso's dolphin, grampus (UNKNOWN): 0 Sei whale (UNKNOWN): 0 Shepherd's beaked whale, Tasman beaked whale (UNKNOWN): 0 South American fur seal (Chilean north stock): 0 South American fur seal (Chilean south stock): 0 South American sea lion (South American sea lion chilean stock): 0 Southern bottlenose whale (UNKNOWN): 0 Southern elephant seal (UNKNOWN): 0 Southern right whale (Chile-Peru Subpopulation): 0 Southern right whale (Southern Right Whale records in the Strait of Magellan, belonging to the Argentine population): 0 Southern right-whale dolphin (UNKNOWN): 0 Spectacled porpoise (UNKNOWN): 0 Sperm whale, cachalot (UNKNOWN): 0 Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN): 0 Subantarctic fur seal (UNKNOWN): 0 otter unspecified (UNKNOWN): 0	
Cape redfish (<i>Sebastes capensis</i>), Chilean jack mackerel (<i>Trachurus murphyi</i>), Cusk-eels nei (<i>Genypterus</i> spp), Epigonus crassicaudus (<i>Epigonus crassicaudus</i>), Jumbo flying squid (<i>Dosidicus gigas</i>), Pacific sandperch (<i>Prolatilus jugularis</i>), Palm ruff (<i>Seriolella violacea</i>), Palm ruff (<i>Seriolella violacea</i>), Patagonian blennie (<i>Eleginops maclovinus</i>), Patagonian grenadier (<i>Macruronus magellanicus</i>), Patagonian redfish (<i>Sebastes oculatus</i>), Patagonian redfish (<i>Sebastes oculatus</i>), Patagonian toothfish (<i>Dissostichus eleginoides</i>), Peruvian rock seabass (<i>Paralabrax humeralis</i>), Pink cusk-eel (<i>Genypterus blacodes</i>), Plownose chimaera (<i>Callorhynchus callorynchus</i>), Plownose chimaera (<i>Callorhynchus callorynchus</i>), Silver warehou (<i>Seriolella punctata</i>), Silver warehou (<i>Seriolella punctata</i>), Slender tuna (<i>Allothunnus fallai</i>), Snoek (<i>Thyrsites atun</i>), South Pacific hake (<i>Merluccius gayi</i>), Southern blue whiting (<i>Micromesistius australis</i>), Southern hake (<i>Merluccius australis</i>), Southern rays bream (<i>Brama australis</i>), Splendid alfonsino (<i>Beryx splendens</i>), Tadpole codling (<i>Salilota australis</i>), Tadpole codling (<i>Salilota australis</i>), Tadpole codling (<i>Salilota australis</i>), White warehou (<i>Seriolella caerulea</i>), White warehou (<i>Seriolella caerulea</i>)	Trawls (not specified), (Midwater)	Number of Vessels: 4, Licenses: none provided, Participants: none provided, Aquaculture Facilities: N/A	EEZ,(FAO:87 Pacific Southeast),87.3.11, 87.3.12, 87.3.13,Industrial Multispecific Mid Water Trawl Fishery Targeting Demersal Resources. Operating in Chilean administrative Regions: Los Lagos (X) to Magallanes (XII). #20	Antarctic minke whale (UNKNOWN): 0 Arnoux's beaked whale (UNKNOWN): 0 Blainville's beaked whale (UNKNOWN): 0 Blue whale (UNKNOWN): 0 Burmeister's porpoise (UNKNOWN): 0 Chilean dolphin (Chilean south stock): 0 Chungungo, marine otter (UNKNOWN): 0 Commerson's dolphin (UNKNOWN): 0 Common bottlenose dolphin (UNKNOWN): 0 Common dolphin, saddleback dolphin (UNKNOWN): 0 Cuvier's beaked whale, goose-beaked whale (UNKNOWN): 0 Dusky dolphin (UNKNOWN): 0 False killer whale (UNKNOWN): 0 Fin whale (UNKNOWN): 0 Gray's beaked whale (UNKNOWN): 0 Hector's beaked whale (UNKNOWN): 0 Humpback whale (UNKNOWN): 0 Killer whale, orca (UNKNOWN): 0 Leopard seal (UNKNOWN): 0 Long-finned pilot whale (UNKNOWN): 0 Peale's dolphin (UNKNOWN): 0 Pygmy right whale (UNKNOWN): 0 Risso's dolphin, grampus (UNKNOWN): 0 Sei whale (UNKNOWN): 0 Shepherd's beaked whale, Tasman beaked whale (UNKNOWN): 0 Short-finned pilot whale (UNKNOWN): 0 South American fur seal (Chilean north stock): 0 South American fur seal (Chilean south stock): 0 South American sea lion (South American sea lion chilean stock): 0 Southern bottlenose whale (UNKNOWN): 0 Southern elephant seal (UNKNOWN): 0 Southern right whale (Chile-Peru Subpopulation): 0 Southern right whale (Southern Right Whale records in the Strait of Magellan, belonging to the Argentine population): 0 Southern right-whale dolphin (UNKNOWN): 0 Spectacled porpoise (UNKNOWN): 0 Sperm whale, cachalot (UNKNOWN): 0 Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN): 0 Subantarctic fur seal (UNKNOWN): 0 otter unspecified (UNKNOWN): 0	

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Corvina drum (<i>Cilus gilberti</i>), Plownose chimaera (<i>Callorhinchus callorynchus</i>), South Pacific hake (<i>Merluccius gayi</i>), Southern rays bream (<i>Brama australis</i>)	Gillnets and entangling nets (not specified), (Demersal)	Number of Vessels: 715, Licenses: none provided, Participants: none provided, Aquaculture Facilities: N/A	EEZ,(FAO:87 Pacific Southeast),87.2.11, 87.2.12, 87.2.13, 87.2.14, 87.2.15, 87.2.16, 87.2.17, 87.3.11,Artisanal Gillnet fishery for Southern rays bream (reineta). Operating in Chilean administrative Region: Arica y Parinacota (XV) to Los Lagos (X). #22	Antarctic fur seal (UNKNOWN) Antarctic minke whale (UNKNOWN) Blue whale (UNKNOWN) Bryde's whale (UNKNOWN) Burmeister's porpoise (UNKNOWN) Chilean dolphin (Chilean north stock) Chilean dolphin (Chilean south stock) Chungungo, marine otter (UNKNOWN) Commerson's dolphin (UNKNOWN) Common bottlenose dolphin (UNKNOWN) Common dolphin, saddleback dolphin (UNKNOWN) Cuvier's beaked whale, goose-beaked whale (UNKNOWN) Dusky dolphin (UNKNOWN) Dwarf sperm whale (UNKNOWN) False killer whale (UNKNOWN) Fin whale (UNKNOWN) Hourglass dolphin (UNKNOWN) Humpback whale (UNKNOWN) Juan Fernandez fur seal (Juan Fernandez Archipelago) Killer whale, orca (UNKNOWN) Leopard seal (UNKNOWN) Long-beaked Common Dolphin (UNKNOWN) Long-finned pilot whale (UNKNOWN) Peale's dolphin (UNKNOWN) Pygmy beaked whale (UNKNOWN) Pygmy killer whale (UNKNOWN) Pygmy right whale (UNKNOWN) Pygmy sperm whale (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Sei whale (UNKNOWN) Shepherd's beaked whale, Tasman beaked whale (UNKNOWN) Short-finned pilot whale (UNKNOWN) South American fur seal (Chilean north stock) South American fur seal (Chilean south stock) South American sea lion (South American sea lion chilean stock) Southern bottlenose whale (UNKNOWN) Southern elephant seal (UNKNOWN) Southern right whale (Chile-Peru Subpopulation) Southern right-whale dolphin (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN) otter unspecified (UNKNOWN)	Antarctic fur seal (UNKNOWN): UNKNOWN Antarctic minke whale (UNKNOWN): UNKNOWN Blue whale (UNKNOWN): UNKNOWN Bryde's whale (UNKNOWN): UNKNOWN Burmeister's porpoise (UNKNOWN): UNKNOWN Chilean dolphin (Chilean north stock): UNKNOWN Chilean dolphin (Chilean south stock): UNKNOWN Chungungo, marine otter (UNKNOWN): UNKNOWN Commerson's dolphin (UNKNOWN): UNKNOWN Common bottlenose dolphin (UNKNOWN): UNKNOWN Common dolphin, saddleback dolphin (UNKNOWN): UNKNOWN Cuvier's beaked whale, goose-beaked whale (UNKNOWN): UNKNOWN Dusky dolphin (UNKNOWN): UNKNOWN Dwarf sperm whale (UNKNOWN): UNKNOWN False killer whale (UNKNOWN): UNKNOWN Fin whale (UNKNOWN): UNKNOWN Hourglass dolphin (UNKNOWN): UNKNOWN Humpback whale (UNKNOWN): UNKNOWN Juan Fernandez fur seal (Juan Fernandez Archipelago): UNKNOWN Killer whale, orca (UNKNOWN): UNKNOWN Leopard seal (UNKNOWN): UNKNOWN Long-beaked Common Dolphin (UNKNOWN): UNKNOWN Long-finned pilot whale (UNKNOWN): UNKNOWN Peale's dolphin (UNKNOWN): UNKNOWN Pygmy beaked whale (UNKNOWN): UNKNOWN Pygmy killer whale (UNKNOWN): UNKNOWN Pygmy right whale (UNKNOWN): UNKNOWN Pygmy sperm whale (UNKNOWN): UNKNOWN Risso's dolphin, grampus (UNKNOWN): UNKNOWN Sei whale (UNKNOWN): UNKNOWN Shepherd's beaked whale, Tasman beaked whale (UNKNOWN): UNKNOWN Short-finned pilot whale (UNKNOWN): UNKNOWN South American fur seal (Chilean north stock): UNKNOWN South American fur seal (Chilean south stock): UNKNOWN South American sea lion (South American sea lion chilean stock): UNKNOWN Southern bottlenose whale (UNKNOWN): UNKNOWN Southern elephant seal (UNKNOWN): UNKNOWN Southern right whale (Chile-Peru Subpopulation): UNKNOWN Southern right-whale dolphin (UNKNOWN): UNKNOWN Sperm	
Corvina drum (<i>Cilus gilberti</i>), Plownose chimaera (<i>Callorhinchus callorynchus</i>), South Pacific hake (<i>Merluccius gayi</i>), Southern rays bream (<i>Brama australis</i>)	Longlines (not specified), (Pelagic)	Number of Vessels: 438, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:87 Pacific Southeast),87.2.11, 87.2.12, 87.2.13, 87.2.14, 87.2.15, 87.2.16, 87.2.17, 87.3.11,Artisanal Longline Fishery for Southern rays bream (reineta). Operating in Chilean administrative Region: Arica y Parinacota (XV) to Los Lagos (X). #23	Antarctic fur seal (UNKNOWN) Antarctic minke whale (UNKNOWN) Blainville's beaked whale (UNKNOWN) Blue whale (UNKNOWN) Bryde's whale (UNKNOWN) Burmeister's porpoise (UNKNOWN) Chilean dolphin (Chilean north stock) Chilean dolphin (Chilean south stock) Chungungo, marine otter (UNKNOWN) Commerson's dolphin (UNKNOWN) Common bottlenose dolphin (UNKNOWN) Common dolphin, saddleback dolphin (UNKNOWN) Cuvier's beaked whale, goose-beaked whale (UNKNOWN) Dusky dolphin (UNKNOWN) Dwarf sperm whale (UNKNOWN) False killer whale (UNKNOWN) Fin whale (UNKNOWN) Hourglass dolphin (UNKNOWN) Humpback whale (UNKNOWN) Juan Fernandez fur seal (Juan Fernandez Archipelago) Killer whale, orca (UNKNOWN) Leopard seal (UNKNOWN) Long-beaked Common Dolphin (UNKNOWN) Long-finned pilot whale (UNKNOWN) Peale's dolphin (UNKNOWN) Pygmy beaked whale (UNKNOWN) Pygmy killer whale (UNKNOWN) Pygmy right whale (UNKNOWN) Pygmy sperm whale (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Sei whale (UNKNOWN) Shepherd's beaked whale, Tasman beaked whale (UNKNOWN) Short-finned pilot whale (UNKNOWN) South American fur seal (Chilean north stock) South American fur seal (Chilean south stock) South American sea lion (South American sea lion chilean stock) Southern bottlenose whale (UNKNOWN) Southern elephant seal (UNKNOWN) Southern right whale (Chile-Peru Subpopulation) Southern right-whale dolphin (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN) Striped dolphin (UNKNOWN) Subantarctic fur seal (UNKNOWN) otter unspecified (UNKNOWN)	Antarctic fur seal (UNKNOWN): UNKNOWN Antarctic minke whale (UNKNOWN): UNKNOWN Blainville's beaked whale (UNKNOWN): UNKNOWN Blue whale (UNKNOWN): UNKNOWN Bryde's whale (UNKNOWN): UNKNOWN Burmeister's porpoise (UNKNOWN): UNKNOWN Chilean dolphin (Chilean north stock): UNKNOWN Chilean dolphin (Chilean south stock): UNKNOWN Chungungo, marine otter (UNKNOWN): UNKNOWN Commerson's dolphin (UNKNOWN): UNKNOWN Common bottlenose dolphin (UNKNOWN): UNKNOWN Common dolphin, saddleback dolphin (UNKNOWN): UNKNOWN Cuvier's beaked whale, goose-beaked whale (UNKNOWN): UNKNOWN Dusky dolphin (UNKNOWN): UNKNOWN Dwarf sperm whale (UNKNOWN): UNKNOWN False killer whale (UNKNOWN): UNKNOWN Fin whale (UNKNOWN): UNKNOWN Hourglass dolphin (UNKNOWN): UNKNOWN Humpback whale (UNKNOWN): UNKNOWN Juan Fernandez fur seal (Juan Fernandez Archipelago): UNKNOWN Killer whale, orca (UNKNOWN): UNKNOWN Leopard seal (UNKNOWN): UNKNOWN Long-beaked Common Dolphin (UNKNOWN): UNKNOWN Long-finned pilot whale (UNKNOWN): UNKNOWN Peale's dolphin (UNKNOWN): UNKNOWN Pygmy beaked whale (UNKNOWN): UNKNOWN Pygmy killer whale (UNKNOWN): UNKNOWN Pygmy right whale (UNKNOWN): UNKNOWN Pygmy sperm whale (UNKNOWN): UNKNOWN Risso's dolphin, grampus (UNKNOWN): UNKNOWN Sei whale (UNKNOWN): UNKNOWN Shepherd's beaked whale, Tasman beaked whale (UNKNOWN): UNKNOWN Short-finned pilot whale (UNKNOWN): UNKNOWN South American fur seal (Chilean north stock): UNKNOWN South American fur seal (Chilean south stock): UNKNOWN South American sea lion (South American sea lion chilean stock): UNKNOWN Southern bottlenose whale (UNKNOWN): UNKNOWN Southern elephant seal (UNKNOWN): UNKNOWN Southern right whale (Chile-Peru Subpopulation):	

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
<p>Bastard halibuts nei (<i>Paralichthys</i> spp), Bigeye flounder (<i>Hippoglossina macrops</i>), Black cusk-eel (<i>Genypterus maculatus</i>), Blue squat lobster (<i>Cervimunida johni</i>), Cape redfish (<i>Sebastes capensis</i>), Carrot squat lobster (<i>Pleuroncodes monodon</i>), Chilean jack mackerel (<i>Trachurus murphyi</i>), Chilean nylon shrimp (<i>Heterocarpus reedi</i>), Epigonus crassicaudus (<i>Epigonus crassicaudus</i>), Jumbo flying squid (<i>Dosidicus gigas</i>), Lobsters nei (<i>Reptantia</i>), Pacific sandperch (<i>Prolatilus jugularis</i>), Palm ruff (<i>Seriolella violacea</i>), Patagonian grenadier (<i>Macruronus magellanicus</i>), Peruvian rock seabass (<i>Paralabrax humeralis</i>), Pink cusk-eel (<i>Genypterus blacodes</i>), Red cusk-eel (<i>Genypterus chilensis</i>), South Pacific hake (<i>Merluccius gayi</i>), Southern rays bream (<i>Brama australis</i>), Splendid alfonsino (<i>Beryx splendens</i>), Tadpole codling (<i>Salilota australis</i>)</p>	<p>Bottom trawls (not specified), (Bottom)</p>	<p>Number of Vessels: 7, Licenses: 7, Participants: 7, Aquaculture Facilities: N/A</p>	<p>EEZ,(FAO:87 Pacific Southeast),87.2.12, 87.2.13, 87.2.14, 87.2.15, 87.2.16, 87.2.17,Regions Antofagasta (II) to Biobio (VIII). Artisanal operation #24</p>	<p>Antarctic fur seal (UNKNOWN) Antarctic minke whale (UNKNOWN) Blue whale (UNKNOWN) Bryde's whale (UNKNOWN) Burmeister's porpoise (UNKNOWN) Chilean dolphin (Chilean north stock) Chungungo, marine otter (UNKNOWN) Common bottlenose dolphin (UNKNOWN) Common dolphin, saddleback dolphin (UNKNOWN) Cuvier's beaked whale, goose-beaked whale (UNKNOWN) Dusky dolphin (UNKNOWN) Dwarf sperm whale (UNKNOWN) False killer whale (UNKNOWN) Fin whale (UNKNOWN) Hourglass dolphin (UNKNOWN) Humpback whale (UNKNOWN) Juan Fernandez fur seal (Juan Fernandez Archipelago) Killer whale, orca (UNKNOWN) Leopard seal (UNKNOWN) Long-beaked Common Dolphin (UNKNOWN) Long-finned pilot whale (UNKNOWN) Peale's dolphin (UNKNOWN) Pygmy beaked whale (UNKNOWN) Pygmy killer whale (UNKNOWN) Pygmy sperm whale (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Sei whale (UNKNOWN) Shepherd's beaked whale, Tasman beaked whale (UNKNOWN) Short-finned pilot whale (UNKNOWN) South American fur seal (Chilean north stock) South American sea lion (South American sea lion chilean stock) Southern bottlenose whale (UNKNOWN) Southern elephant seal (UNKNOWN) Southern right whale (Chile-Peru Subpopulation) Southern right-whale dolphin (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN)</p>	<p>Antarctic fur seal (UNKNOWN): 0 Antarctic minke whale (UNKNOWN): 0 Blue whale (UNKNOWN): 0 Bryde's whale (UNKNOWN): 0 Burmeister's porpoise (UNKNOWN): 0 Chilean dolphin (Chilean north stock): 0 Chungungo, marine otter (UNKNOWN): 0 Common bottlenose dolphin (UNKNOWN): 0 Common dolphin, saddleback dolphin (UNKNOWN): 0 Cuvier's beaked whale, goose-beaked whale (UNKNOWN): 0 Dusky dolphin (UNKNOWN): 0 Dwarf sperm whale (UNKNOWN): 0 False killer whale (UNKNOWN): 0 Fin whale (UNKNOWN): 0 Hourglass dolphin (UNKNOWN): 0 Humpback whale (UNKNOWN): 0 Juan Fernandez fur seal (Juan Fernandez Archipelago): 0 Killer whale, orca (UNKNOWN): 0 Leopard seal (UNKNOWN): 0 Long-beaked Common Dolphin (UNKNOWN): 0 Long-finned pilot whale (UNKNOWN): 0 Peale's dolphin (UNKNOWN): 0 Pygmy beaked whale (UNKNOWN): 0 Pygmy killer whale (UNKNOWN): 0 Pygmy sperm whale (UNKNOWN): 0 Risso's dolphin, grampus (UNKNOWN): 0 Sei whale (UNKNOWN): 0 Shepherd's beaked whale, Tasman beaked whale (UNKNOWN): 0 Short-finned pilot whale (UNKNOWN): 0 South American fur seal (Chilean north stock): 0 South American sea lion (South American sea lion chilean stock): 0 Southern bottlenose whale (UNKNOWN): 0 Southern elephant seal (UNKNOWN): 0 Southern right whale (Chile-Peru Subpopulation): 0 Southern right-whale dolphin (UNKNOWN): 0 Sperm whale, cachalot (UNKNOWN): 0 Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN): 0</p>	
<p>Bastard halibuts nei (<i>Paralichthys</i> spp), Bigeye flounder (<i>Hippoglossina macrops</i>), Black cusk-eel (<i>Genypterus maculatus</i>), Blue squat lobster (<i>Cervimunida johni</i>), Cape redfish (<i>Sebastes capensis</i>), Carrot squat lobster (<i>Pleuroncodes monodon</i>), Chilean jack mackerel (<i>Trachurus murphyi</i>), Chilean nylon shrimp (<i>Heterocarpus reedi</i>), Epigonus crassicaudus (<i>Epigonus crassicaudus</i>), Jumbo flying squid (<i>Dosidicus gigas</i>), Lobsters nei (<i>Reptantia</i>), Pacific sandperch (<i>Prolatilus jugularis</i>), Patagonian grenadier (<i>Macruronus magellanicus</i>), Patagonian squid (<i>Loligo gahi</i>), Peruvian rock seabass (<i>Paralabrax humeralis</i>), Pink cusk-eel (<i>Genypterus blacodes</i>), Red cusk-eel (<i>Genypterus chilensis</i>), South Pacific hake (<i>Merluccius gayi</i>), Southern rays bream (<i>Brama australis</i>), Splendid alfonsino (<i>Beryx splendens</i>)</p>	<p>Bottom trawls (not specified), (Bottom)</p>	<p>Number of Vessels: 19, Licenses: none provided, Participants: none provided, Aquaculture Facilities: N/A</p>	<p>EEZ,(FAO:87 Pacific Southeast),87.2.12, 87.2.13, 87.2.14, 87.2.15, 87.2.16, 87.2.17,Bottom Trawl Multispecific Crustacean Industrial fishery. Operating Between Chilean Administrative Regions Atacama (II) to Biobio (VIII). #25</p>	<p>Antarctic fur seal (UNKNOWN) Antarctic minke whale (UNKNOWN) Blue whale (UNKNOWN) Bryde's whale (UNKNOWN) Burmeister's porpoise (UNKNOWN) Chilean dolphin (Chilean north stock) Chungungo, marine otter (UNKNOWN) Common bottlenose dolphin (UNKNOWN) Common dolphin, saddleback dolphin (UNKNOWN) Cuvier's beaked whale, goose-beaked whale (UNKNOWN) Dusky dolphin (UNKNOWN) Dwarf sperm whale (UNKNOWN) False killer whale (UNKNOWN) Fin whale (UNKNOWN) Hourglass dolphin (UNKNOWN) Humpback whale (UNKNOWN) Juan Fernandez fur seal (Juan Fernandez Archipelago) Killer whale, orca (UNKNOWN) Leopard seal (UNKNOWN) Long-beaked Common Dolphin (UNKNOWN) Long-finned pilot whale (UNKNOWN) Peale's dolphin (UNKNOWN) Pygmy beaked whale (UNKNOWN) Pygmy killer whale (UNKNOWN) Pygmy sperm whale (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Sei whale (UNKNOWN) Shepherd's beaked whale, Tasman beaked whale (UNKNOWN) Short-finned pilot whale (UNKNOWN) South American fur seal (Chilean north stock) South American sea lion (South American sea lion chilean stock) Southern bottlenose whale (UNKNOWN) Southern elephant seal (UNKNOWN) Southern right whale (Chile-Peru Subpopulation) Southern right-whale dolphin (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Subantarctic fur seal (UNKNOWN)</p>	<p>Antarctic fur seal (UNKNOWN): 0 Antarctic minke whale (UNKNOWN): 0 Blue whale (UNKNOWN): 0 Bryde's whale (UNKNOWN): 0 Burmeister's porpoise (UNKNOWN): 0 Chilean dolphin (Chilean north stock): 0 Chungungo, marine otter (UNKNOWN): 0 Common bottlenose dolphin (UNKNOWN): 0 Common dolphin, saddleback dolphin (UNKNOWN): 0 Cuvier's beaked whale, goose-beaked whale (UNKNOWN): 0 Dusky dolphin (UNKNOWN): 0 Dwarf sperm whale (UNKNOWN): 0 False killer whale (UNKNOWN): 0 Fin whale (UNKNOWN): 0 Hourglass dolphin (UNKNOWN): 0 Humpback whale (UNKNOWN): 0 Juan Fernandez fur seal (Juan Fernandez Archipelago): 0 Killer whale, orca (UNKNOWN): 0 Leopard seal (UNKNOWN): 0 Long-beaked Common Dolphin (UNKNOWN): 0 Long-finned pilot whale (UNKNOWN): 0 Peale's dolphin (UNKNOWN): 0 Pygmy beaked whale (UNKNOWN): 0 Pygmy killer whale (UNKNOWN): 0 Pygmy sperm whale (UNKNOWN): 0 Risso's dolphin, grampus (UNKNOWN): 0 Sei whale (UNKNOWN): 0 Shepherd's beaked whale, Tasman beaked whale (UNKNOWN): 0 Short-finned pilot whale (UNKNOWN): 0 South American fur seal (Chilean north stock): 0 South American sea lion (South American sea lion chilean stock): 20.3 Southern bottlenose whale (UNKNOWN): 0 Southern elephant seal (UNKNOWN): 0 Southern right whale (Chile-Peru Subpopulation): 0 Southern right-whale dolphin (UNKNOWN): 0 Sperm whale, cachalot (UNKNOWN): 0 Subantarctic fur seal (UNKNOWN): 0</p>	

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Mola rock crab (<i>Cancer edwardsii</i>), <i>Munida</i> spp (<i>Munida</i> spp), Pink cusk-eel (<i>Genypterus blacodes</i>), Punctuated snake-eel (<i>Ophichthus remiger</i>), Rosefishes nei (<i>Helicolenus</i> spp), Softshell red crab (<i>Paralomis granulosa</i>), Southern king crab (<i>Lithodes santolla</i>), Tadpole codling (<i>Salilota australis</i>)	Traps (not specified), (Bottom)	Number of Vessels: 552, Licenses: none provided, Participants: none provided, Aquaculture Facilities: N/A	EEZ,(FAO:87 Pacific Southeast),87.3.11, 87.3.12, 87.3.13,Artisanal Bottom Trap Fishery for Southern King Crab (<i>centolla</i>). Operating in Chilean Administrative Regions of Los Rios (XIV) to Magallanes (XII), internal waters. #26	Antarctic minke whale (UNKNOWN) Arnoux's beaked whale (UNKNOWN) Blainville's beaked whale (UNKNOWN) Blue whale (UNKNOWN) Burmeister's porpoise (UNKNOWN) Chilean dolphin (Chilean south stock) Chungungo, marine otter (UNKNOWN) Commerson's dolphin (UNKNOWN) Common bottlenose dolphin (UNKNOWN) Common dolphin, saddleback dolphin (UNKNOWN) Cuvier's beaked whale, goose-beaked whale (UNKNOWN) Dusky dolphin (UNKNOWN) False killer whale (UNKNOWN) Fin whale (UNKNOWN) Gray's beaked whale (UNKNOWN) Hector's beaked whale (UNKNOWN) Humpback whale (UNKNOWN) Killer whale, orca (UNKNOWN) Leopard seal (UNKNOWN) Long-finned pilot whale (UNKNOWN) Peale's dolphin (UNKNOWN) Pygmy right whale (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Sei whale (UNKNOWN) Shepherd's beaked whale, Tasman beaked whale (UNKNOWN) Short-finned pilot whale (UNKNOWN) South American fur seal (Chilean south stock) South American sea lion (South American sea lion chilean stock) Southern bottlenose whale (UNKNOWN) Southern elephant seal (UNKNOWN) Southern right whale (Chile-Peru Subpopulation) Southern right whale (Southern Right Whale records in the Strait of Magellan, belonging to the Argentine population) Southern right-whale dolphin (UNKNOWN) Spectacled porpoise (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN) Subantarctic fur seal (UNKNOWN) otter unspecified (UNKNOWN)	Antarctic minke whale (UNKNOWN): UNKNOWN Arnoux's beaked whale (UNKNOWN): UNKNOWN Blainville's beaked whale (UNKNOWN): UNKNOWN Blue whale (UNKNOWN): UNKNOWN Burmeister's porpoise (UNKNOWN): UNKNOWN Chilean dolphin (Chilean south stock): UNKNOWN Chungungo, marine otter (UNKNOWN): UNKNOWN Commerson's dolphin (UNKNOWN): UNKNOWN Common bottlenose dolphin (UNKNOWN): UNKNOWN Common dolphin, saddleback dolphin (UNKNOWN): UNKNOWN Cuvier's beaked whale, goose-beaked whale (UNKNOWN): UNKNOWN Dusky dolphin (UNKNOWN): UNKNOWN False killer whale (UNKNOWN): UNKNOWN Fin whale (UNKNOWN): UNKNOWN Gray's beaked whale (UNKNOWN): UNKNOWN Hector's beaked whale (UNKNOWN): UNKNOWN Humpback whale (UNKNOWN): UNKNOWN Killer whale, orca (UNKNOWN): UNKNOWN Leopard seal (UNKNOWN): UNKNOWN Long-finned pilot whale (UNKNOWN): UNKNOWN Peale's dolphin (UNKNOWN): UNKNOWN Pygmy right whale (UNKNOWN): UNKNOWN Risso's dolphin, grampus (UNKNOWN): UNKNOWN Sei whale (UNKNOWN): UNKNOWN Shepherd's beaked whale, Tasman beaked whale (UNKNOWN): UNKNOWN Short-finned pilot whale (UNKNOWN): UNKNOWN South American fur seal (Chilean south stock): UNKNOWN South American sea lion (South American sea lion chilean stock): UNKNOWN Southern bottlenose whale (UNKNOWN): UNKNOWN Southern elephant seal (UNKNOWN): UNKNOWN Southern right whale (Chile-Peru Subpopulation): UNKNOWN Southern right whale (Southern Right Whale records in the Strait of Magellan, belonging to the Argentine population): UNKNOWN Southern right-whale dolphin (UNKNOWN): UNKNOWN Spectacled porpoise (UNKNOWN): UNKNOWN Sperm whale, cachalot (UNKNOWN): UNKNOWN Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN): UNKNOWN Subantarctic fur seal (UNKNOWN):	
Mola rock crab (<i>Cancer edwardsii</i>), <i>Munida</i> spp (<i>Munida</i> spp), Pink cusk-eel (<i>Genypterus blacodes</i>), Punctuated snake-eel (<i>Ophichthus remiger</i>), Rosefishes nei (<i>Helicolenus</i> spp), Softshell red crab (<i>Paralomis granulosa</i>), Southern king crab (<i>Lithodes santolla</i>), Tadpole codling (<i>Salilota australis</i>)	Traps (not specified), (Bottom)	Number of Vessels: 1, Licenses: 1, Participants: 1, Aquaculture Facilities: N/A	EEZ,(FAO:87 Pacific Southeast),87.3.11, 87.3.12, 87.3.13,Industrial Bottom Trap Fishery for Southern King Crab (<i>centolla</i>). Operating in Chilean Administrative Regions Los Rios (XIV) to Magallanes (XII). Currently, the only reported vessel is not operative. #27	Antarctic minke whale (UNKNOWN) Arnoux's beaked whale (UNKNOWN) Blainville's beaked whale (UNKNOWN) Blue whale (UNKNOWN) Burmeister's porpoise (UNKNOWN) Chilean dolphin (Chilean south stock) Chungungo, marine otter (UNKNOWN) Commerson's dolphin (UNKNOWN) Common bottlenose dolphin (UNKNOWN) Common dolphin, saddleback dolphin (UNKNOWN) Cuvier's beaked whale, goose-beaked whale (UNKNOWN) Dusky dolphin (UNKNOWN) False killer whale (UNKNOWN) Fin whale (UNKNOWN) Gray's beaked whale (UNKNOWN) Hector's beaked whale (UNKNOWN) Humpback whale (UNKNOWN) Killer whale, orca (UNKNOWN) Leopard seal (UNKNOWN) Long-finned pilot whale (UNKNOWN) Peale's dolphin (UNKNOWN) Pygmy right whale (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Sei whale (UNKNOWN) Shepherd's beaked whale, Tasman beaked whale (UNKNOWN) Short-finned pilot whale (UNKNOWN) South American fur seal (Chilean south stock) South American sea lion (South American sea lion chilean stock) Southern bottlenose whale (UNKNOWN) Southern elephant seal (UNKNOWN) Southern right whale (Chile-Peru Subpopulation) Southern right whale (Southern Right Whale records in the Strait of Magellan, belonging to the Argentine population) Southern right-whale dolphin (UNKNOWN) Spectacled porpoise (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN) Subantarctic fur seal (UNKNOWN) otter unspecified (UNKNOWN)	Antarctic minke whale (UNKNOWN): UNKNOWN Arnoux's beaked whale (UNKNOWN): UNKNOWN Blainville's beaked whale (UNKNOWN): UNKNOWN Blue whale (UNKNOWN): UNKNOWN Burmeister's porpoise (UNKNOWN): UNKNOWN Chilean dolphin (Chilean south stock): UNKNOWN Chungungo, marine otter (UNKNOWN): UNKNOWN Commerson's dolphin (UNKNOWN): UNKNOWN Common bottlenose dolphin (UNKNOWN): UNKNOWN Common dolphin, saddleback dolphin (UNKNOWN): UNKNOWN Cuvier's beaked whale, goose-beaked whale (UNKNOWN): UNKNOWN Dusky dolphin (UNKNOWN): UNKNOWN False killer whale (UNKNOWN): UNKNOWN Fin whale (UNKNOWN): UNKNOWN Gray's beaked whale (UNKNOWN): UNKNOWN Hector's beaked whale (UNKNOWN): UNKNOWN Humpback whale (UNKNOWN): UNKNOWN Killer whale, orca (UNKNOWN): UNKNOWN Leopard seal (UNKNOWN): UNKNOWN Long-finned pilot whale (UNKNOWN): UNKNOWN Peale's dolphin (UNKNOWN): UNKNOWN Pygmy right whale (UNKNOWN): UNKNOWN Risso's dolphin, grampus (UNKNOWN): UNKNOWN Sei whale (UNKNOWN): UNKNOWN Shepherd's beaked whale, Tasman beaked whale (UNKNOWN): UNKNOWN Short-finned pilot whale (UNKNOWN): UNKNOWN South American fur seal (Chilean south stock): UNKNOWN South American sea lion (South American sea lion chilean stock): UNKNOWN Southern bottlenose whale (UNKNOWN): UNKNOWN Southern elephant seal (UNKNOWN): UNKNOWN Southern right whale (Chile-Peru Subpopulation): UNKNOWN Southern right whale (Southern Right Whale records in the Strait of Magellan, belonging to the Argentine population): UNKNOWN Southern right-whale dolphin (UNKNOWN): UNKNOWN Spectacled porpoise (UNKNOWN): UNKNOWN Sperm whale, cachalot (UNKNOWN): UNKNOWN Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN): UNKNOWN Subantarctic fur seal (UNKNOWN):	

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Mola rock crab (<i>Cancer edwardsii</i>), <i>Munida</i> spp (<i>Munida</i> spp), Pink cusk-eel (<i>Genypterus blacodes</i>), Rosefishes nei (<i>Helicolenus</i> spp), Snake eels nei (<i>Ophichthidae</i>), Softshell red crab (<i>Paralomis granulosa</i>), Softshell red crab (<i>Paralomis granulosa</i>), Southern king crab (<i>Lithodes santolla</i>), Tadpole codling (<i>Salilota australis</i>)	Traps (not specified), (Bottom)	Number of Vessels: 90, Licenses: none provided, Participants: none provided, Aquaculture Facilities: N/A	EEZ,(FAO:87 Pacific Southeast),87.3.13,Artisanal Bottom Trap Fishery For Softshell red crab (centollon). Operating in Chilean Administrative Region of Magallanes (XII). #28	Antarctic minke whale (UNKNOWN) Arnoux's beaked whale (UNKNOWN) Blue whale (UNKNOWN) Burmeister's porpoise (UNKNOWN) Chilean dolphin (Chilean south stock) Chungungo, marine otter (UNKNOWN) Commerson's dolphin (UNKNOWN) Cuvier's beaked whale, goose-beaked whale (UNKNOWN) Dusky dolphin (UNKNOWN) False killer whale (UNKNOWN) Fin whale (UNKNOWN) Gray's beaked whale (UNKNOWN) Hector's beaked whale (UNKNOWN) Humpback whale (UNKNOWN) Killer whale, orca (UNKNOWN) Leopard seal (UNKNOWN) Long-finned pilot whale (UNKNOWN) Peale's dolphin (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Sei whale (UNKNOWN) Shepherd's beaked whale, Tasman beaked whale (UNKNOWN) South American fur seal (Chilean south stock) South American sea lion (South American sea lion chilean stock) Southern bottlenose whale (UNKNOWN) Southern elephant seal (UNKNOWN) Southern right whale (Southern Right Whale records in the Strait of Magellan, belonging to the Argentine population) Southern right-whale dolphin (UNKNOWN) Spectacled porpoise (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN) Subantarctic fur seal (UNKNOWN) otter unspecified (UNKNOWN)	Antarctic minke whale (UNKNOWN): UNKNOWN Arnoux's beaked whale (UNKNOWN): UNKNOWN Blue whale (UNKNOWN): UNKNOWN Burmeister's porpoise (UNKNOWN): UNKNOWN Chilean dolphin (Chilean south stock): UNKNOWN Chungungo, marine otter (UNKNOWN): UNKNOWN Commerson's dolphin (UNKNOWN): UNKNOWN Cuvier's beaked whale, goose-beaked whale (UNKNOWN): UNKNOWN Dusky dolphin (UNKNOWN): UNKNOWN False killer whale (UNKNOWN): UNKNOWN Fin whale (UNKNOWN): UNKNOWN Gray's beaked whale (UNKNOWN): UNKNOWN Hector's beaked whale (UNKNOWN): UNKNOWN Humpback whale (UNKNOWN): UNKNOWN Killer whale, orca (UNKNOWN): UNKNOWN Leopard seal (UNKNOWN): UNKNOWN Long-finned pilot whale (UNKNOWN): UNKNOWN Peale's dolphin (UNKNOWN): UNKNOWN Risso's dolphin, grampus (UNKNOWN): UNKNOWN Sei whale (UNKNOWN): UNKNOWN Shepherd's beaked whale, Tasman beaked whale (UNKNOWN): UNKNOWN South American fur seal (Chilean south stock): UNKNOWN South American sea lion (South American sea lion chilean stock): UNKNOWN Southern bottlenose whale (UNKNOWN): UNKNOWN Southern elephant seal (UNKNOWN): UNKNOWN Southern right whale (Southern Right Whale records in the Strait of Magellan, belonging to the Argentine population): UNKNOWN Southern right-whale dolphin (UNKNOWN): UNKNOWN Spectacled porpoise (UNKNOWN): UNKNOWN Sperm whale, cachalot (UNKNOWN): UNKNOWN Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN): UNKNOWN Subantarctic fur seal (UNKNOWN): UNKNOWN otter unspecified (UNKNOWN): UNKNOWN	
Bastard halibuts nei (<i>Paralichthys</i> spp), Cape redfish (<i>Sebastes capensis</i>), Chilean sandperch (<i>Pinguipes chilensis</i>), Giant stone crab (<i>Homalaspis plana</i>), Jonah crabs/rock crabs nei (<i>Cancridae</i>), Mola rock crab (<i>Cancer edwardsii</i>), <i>Munida</i> spp (<i>Munida</i> spp), Pacific sandperch (<i>Prolatilus jugularis</i>), Paco box crab (<i>Platymera gaudichaudii</i>), Pink cusk-eel (<i>Genypterus blacodes</i>), Punctuated snake-eel (<i>Ophichthus remiger</i>), Southern king crab (<i>Lithodes santolla</i>), Tadpole codling (<i>Salilota australis</i>)	Diving (not specified), (Benthic), Traps (not specified), (Benthic)	Number of Vessels: 318, Licenses: none provided, Participants: none provided, Aquaculture Facilities: N/A	EEZ,(FAO:87 Pacific Southeast),87.2.11, 87.2.12, 87.2.13, 87.2.14, 87.2.15, 87.2.16, 87.2.17, 87.3.11, 87.3.12, 87.3.13,Artisanal Fishery for Mola rock crab (jaiba marmola). Operating in Administrative Chilean Regions Atacama-Parinacota (XV) to Magallanes (XII). #30	Antarctic fur seal (UNKNOWN) Antarctic minke whale (UNKNOWN) Arnoux's beaked whale (UNKNOWN) Blainville's beaked whale (UNKNOWN) Blue whale (UNKNOWN) Bryde's whale (UNKNOWN) Burmeister's porpoise (UNKNOWN) Chilean dolphin (Chilean north stock) Chilean dolphin (Chilean south stock) Chungungo, marine otter (UNKNOWN) Commerson's dolphin (UNKNOWN) Common bottlenose dolphin (UNKNOWN) Common dolphin, saddleback dolphin (UNKNOWN) Cuvier's beaked whale, goose-beaked whale (UNKNOWN) Dusky dolphin (UNKNOWN) Dwarf sperm whale (UNKNOWN) False killer whale (UNKNOWN) Fin whale (UNKNOWN) Gray's beaked whale (UNKNOWN) Hector's beaked whale (UNKNOWN) Hourglass dolphin (UNKNOWN) Humpback whale (UNKNOWN) Juan Fernandez fur seal (Juan Fernandez Archipelago) Killer whale, orca (UNKNOWN) Leopard seal (UNKNOWN) Long-beaked Common Dolphin (UNKNOWN) Long-finned pilot whale (UNKNOWN) Peale's dolphin (UNKNOWN) Pygmy beaked whale (UNKNOWN) Pygmy killer whale (UNKNOWN) Pygmy right whale (UNKNOWN) Pygmy sperm whale (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Sei whale (UNKNOWN) Shepherd's beaked whale, Tasman beaked whale (UNKNOWN) Short-finned pilot whale (UNKNOWN) South American fur seal (Chilean north stock) South American fur seal (Chilean south stock) South American sea lion (South American sea lion chilean stock) Southern bottlenose whale (UNKNOWN) Southern elephant seal (UNKNOWN) Southern right whale (Chile-Peru Subpopulation) Southern right whale (Southern Right Whale records in the Strait of Magellan, belonging to the Argentine population) Southern right-whale dolphin (UNKNOWN) Spade-toothed whale (UNKNOWN) Spectacled porpoise (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN) Striped dolphin (UNKNOWN)	Antarctic fur seal (UNKNOWN): UNKNOWN Antarctic minke whale (UNKNOWN): UNKNOWN Arnoux's beaked whale (UNKNOWN): UNKNOWN Blainville's beaked whale (UNKNOWN): UNKNOWN Blue whale (UNKNOWN): UNKNOWN Bryde's whale (UNKNOWN): UNKNOWN Burmeister's porpoise (UNKNOWN): UNKNOWN Chilean dolphin (Chilean north stock): UNKNOWN Chilean dolphin (Chilean south stock): UNKNOWN Chungungo, marine otter (UNKNOWN): UNKNOWN Commerson's dolphin (UNKNOWN): UNKNOWN Common bottlenose dolphin (UNKNOWN): UNKNOWN Common dolphin, saddleback dolphin (UNKNOWN): UNKNOWN Cuvier's beaked whale, goose-beaked whale (UNKNOWN): UNKNOWN Dusky dolphin (UNKNOWN): UNKNOWN Dwarf sperm whale (UNKNOWN): UNKNOWN False killer whale (UNKNOWN): UNKNOWN Fin whale (UNKNOWN): UNKNOWN Gray's beaked whale (UNKNOWN): UNKNOWN Hector's beaked whale (UNKNOWN): UNKNOWN Hourglass dolphin (UNKNOWN): UNKNOWN Humpback whale (UNKNOWN): UNKNOWN Juan Fernandez fur seal (Juan Fernandez Archipelago): UNKNOWN Killer whale, orca (UNKNOWN): UNKNOWN Leopard seal (UNKNOWN): UNKNOWN Long-beaked Common Dolphin (UNKNOWN): UNKNOWN Long-finned pilot whale (UNKNOWN): UNKNOWN Peale's dolphin (UNKNOWN): UNKNOWN Pygmy beaked whale (UNKNOWN): UNKNOWN Pygmy killer whale (UNKNOWN): UNKNOWN Pygmy right whale (UNKNOWN): UNKNOWN Pygmy sperm whale (UNKNOWN): UNKNOWN Risso's dolphin, grampus (UNKNOWN): UNKNOWN Sei whale (UNKNOWN): UNKNOWN Shepherd's beaked whale, Tasman beaked whale (UNKNOWN): UNKNOWN Short-finned pilot whale (UNKNOWN): UNKNOWN South American fur seal (Chilean north stock): UNKNOWN South American fur seal (Chilean south stock): UNKNOWN South American sea lion (South American sea lion	

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Bastard halibuts nei (<i>Paralichthys</i> spp), Cape redfish (<i>Sebastes capensis</i>), Chilean sandperch (<i>Pinguipes chilensis</i>), Congiopodus peruvianus (<i>Congiopodus peruvianus</i>), Giant stone crab (<i>Homalaspis plana</i>), Jonah crabs/rock crabs nei (<i>Cancridae</i>), Jonah crabs/rock crabs nei (<i>Cancridae</i>), Pacific sandperch (<i>Prolatilus jugularis</i>), Paco box crab (<i>Platymera gaudichaudii</i>), Punctuated snake-eel (<i>Ophichthus remiger</i>), Rabbitnose shrimp (<i>Rhynchocinetes typus</i>), Red cusk-eel (<i>Genypterus chilensis</i>), Sea chubs nei (<i>Kyphosidae</i>)	Diving (not specified), (Benthic), Traps (not specified), (Benthic)	Number of Vessels: 1166, Licenses: none provided, Participants: none provided, Aquaculture Facilities: N/A	EEZ,(FAO:87 Pacific Southeast),87.2.11, 87.2.12, 87.2.13, 87.2.14, 87.2.15, 87.2.16, 87.2.17, 87.3.11, 87.3.12, 87.3.13,Artisanal bottom trap fishery for <i>Cancridae</i> (<i>Cancer porteri</i>). Operating in Chilean Administrative Regions Atacama-Parinacota (XV) to Magallanes (XII). #29	Antarctic fur seal (UNKNOWN) Antarctic minke whale (UNKNOWN) Arnoux's beaked whale (UNKNOWN) Blainville's beaked whale (UNKNOWN) Blue whale (UNKNOWN) Bryde's whale (UNKNOWN) Burmeister's porpoise (UNKNOWN) Chilean dolphin (Chilean north stock) Chilean dolphin (Chilean south stock) Chungungo, marine otter (UNKNOWN) Commerson's dolphin (UNKNOWN) Common bottlenose dolphin (UNKNOWN) Common dolphin, saddleback dolphin (UNKNOWN) Cuvier's beaked whale, goose-beaked whale (UNKNOWN) Dusky dolphin (UNKNOWN) Dwarf sperm whale (UNKNOWN) False killer whale (UNKNOWN) Fin whale (UNKNOWN) Gray's beaked whale (UNKNOWN) Hector's beaked whale (UNKNOWN) Hourglass dolphin (UNKNOWN) Humpback whale (UNKNOWN) Juan Fernandez fur seal (Juan Fernandez Archipelago) Killer whale, orca (UNKNOWN) Leopard seal (UNKNOWN) Long-beaked Common Dolphin (UNKNOWN) Long-finned pilot whale (UNKNOWN) Peale's dolphin (UNKNOWN) Pygmy beaked whale (UNKNOWN) Pygmy killer whale (UNKNOWN) Pygmy right whale (UNKNOWN) Pygmy sperm whale (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Sei whale (UNKNOWN) Shepherd's beaked whale, Tasman beaked whale (UNKNOWN) Short-finned pilot whale (UNKNOWN) South American fur seal (Chilean north stock) South American fur seal (Chilean south stock) South American sea lion (South American sea lion chilean stock) Southern bottlenose whale (UNKNOWN) Southern elephant seal (UNKNOWN) Southern right whale (Chile-Peru Subpopulation) Southern right whale (Southern Right Whale records in the Strait of Magellan, belonging to the Argentine population) Southern right-whale dolphin (UNKNOWN) Spade-toothed whale (UNKNOWN) Spectacled porpoise (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN) Striped dolphin (UNKNOWN) Blue whale (UNKNOWN) Bryde's whale (UNKNOWN) Common dolphin, saddleback dolphin (UNKNOWN) Fin whale (UNKNOWN) Gray's beaked whale (UNKNOWN) Juan Fernandez fur seal (Juan Fernandez Archipelago) Sei whale (UNKNOWN) Short-finned pilot whale (UNKNOWN) Spade-toothed whale (UNKNOWN) Subantarctic fur seal (UNKNOWN)	Antarctic fur seal (UNKNOWN): UNKNOWN Antarctic minke whale (UNKNOWN): UNKNOWN Arnoux's beaked whale (UNKNOWN): UNKNOWN Blainville's beaked whale (UNKNOWN): UNKNOWN Blue whale (UNKNOWN): UNKNOWN Bryde's whale (UNKNOWN): UNKNOWN Burmeister's porpoise (UNKNOWN): UNKNOWN Chilean dolphin (Chilean north stock): UNKNOWN Chilean dolphin (Chilean south stock): UNKNOWN Chungungo, marine otter (UNKNOWN): UNKNOWN Commerson's dolphin (UNKNOWN): UNKNOWN Common dolphin, saddleback dolphin (UNKNOWN): UNKNOWN Cuvier's beaked whale, goose-beaked whale (UNKNOWN): UNKNOWN Dusky dolphin (UNKNOWN): UNKNOWN Dwarf sperm whale (UNKNOWN): UNKNOWN False killer whale (UNKNOWN): UNKNOWN Fin whale (UNKNOWN): UNKNOWN Gray's beaked whale (UNKNOWN): UNKNOWN Hector's beaked whale (UNKNOWN): UNKNOWN Hourglass dolphin (UNKNOWN): UNKNOWN Humpback whale (UNKNOWN): UNKNOWN Juan Fernandez fur seal (Juan Fernandez Archipelago): UNKNOWN Killer whale, orca (UNKNOWN): UNKNOWN Leopard seal (UNKNOWN): UNKNOWN Long-beaked Common Dolphin (UNKNOWN): UNKNOWN Long-finned pilot whale (UNKNOWN): UNKNOWN Peale's dolphin (UNKNOWN): UNKNOWN Pygmy beaked whale (UNKNOWN): UNKNOWN Pygmy killer whale (UNKNOWN): UNKNOWN Pygmy right whale (UNKNOWN): UNKNOWN Pygmy sperm whale (UNKNOWN): UNKNOWN Risso's dolphin, grampus (UNKNOWN): UNKNOWN Sei whale (UNKNOWN): UNKNOWN Shepherd's beaked whale, Tasman beaked whale (UNKNOWN): UNKNOWN Short-finned pilot whale (UNKNOWN): UNKNOWN South American fur seal (Chilean north stock): UNKNOWN South American fur seal (Chilean south stock): UNKNOWN South American sea lion (South American sea lion chilean stock): UNKNOWN Southern bottlenose whale (UNKNOWN): UNKNOWN Southern elephant seal (UNKNOWN): UNKNOWN Southern right whale (Chile-Peru Subpopulation): UNKNOWN Southern right whale (Southern Right Whale records in the Strait of Magellan, belonging to the Argentine population): UNKNOWN Southern right-whale dolphin (UNKNOWN): UNKNOWN Spade-toothed whale (UNKNOWN): UNKNOWN Spectacled porpoise (UNKNOWN): UNKNOWN Sperm whale, cachalot (UNKNOWN): UNKNOWN Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN): UNKNOWN Striped dolphin (UNKNOWN): UNKNOWN Blue whale (UNKNOWN): UNKNOWN Bryde's whale (UNKNOWN): UNKNOWN Common dolphin, saddleback dolphin (UNKNOWN): UNKNOWN Fin whale (UNKNOWN): UNKNOWN Gray's beaked whale (UNKNOWN): UNKNOWN Juan Fernandez fur seal (Juan Fernandez Archipelago): UNKNOWN Sei whale (UNKNOWN): UNKNOWN Short-finned pilot whale (UNKNOWN): UNKNOWN Spade-toothed whale (UNKNOWN): UNKNOWN Subantarctic fur seal (UNKNOWN): UNKNOWN	
Chaceon geryons nei (<i>Chaceon</i> spp), Gymnothorax porphyreus (<i>Gymnothorax porphyreus</i>), Juan Fernandez rock lobster (<i>Jasus frontalis</i>), Morwongs (<i>Nemadactylus</i> spp)	Diving (not specified), (Benthic), Traps (not specified), (Bottom)	Number of Vessels: 62, Licenses: none provided, Participants: none provided, Aquaculture Facilities: N/A	EEZ,(FAO:87 Pacific Southeast),87.2.4,Artisanal Lobster Trap Fishery for Rock Lobster (<i>Langosta de Juan Fernandez</i>) artisanal fishery. Operating in Juan Fernandez Island, Chilean Administrative Region of Valparaiso (V). #31	Antarctic fur seal (UNKNOWN) Antarctic minke whale (UNKNOWN) Arnoux's beaked whale (UNKNOWN) Blue whale (UNKNOWN) Burmeister's porpoise (UNKNOWN) Chilean dolphin (Chilean north stock) Chungungo, marine otter (UNKNOWN) Commerson's dolphin (UNKNOWN) Cuvier's beaked whale, goose-beaked whale (UNKNOWN) Dusky dolphin (UNKNOWN) False killer whale (UNKNOWN) Fin whale (UNKNOWN) Gray's beaked whale (UNKNOWN) Hector's beaked whale (UNKNOWN) Humpback whale (UNKNOWN) Killer whale, orca (UNKNOWN) Leopard seal (UNKNOWN) Long-finned pilot whale (UNKNOWN) Peale's dolphin (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Sei whale (UNKNOWN) Shepherd's beaked whale, Tasman beaked whale (UNKNOWN) South American fur seal (Chilean north stock) South American sea lion (South American sea lion chilean stock) Southern bottlenose whale (UNKNOWN) Southern elephant seal (UNKNOWN) Southern right whale (Chile-Peru Subpopulation) Southern right-whale dolphin (UNKNOWN) Spectacled porpoise (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN) Subantarctic fur seal (UNKNOWN) otter unspecified (UNKNOWN)	Antarctic minke whale (UNKNOWN): 0 Arnoux's beaked whale (UNKNOWN): 0 Blue whale (UNKNOWN): 0 Burmeister's porpoise (UNKNOWN): 0 Chilean dolphin (Chilean north stock): 0 Chungungo, marine otter (UNKNOWN): 0 Commerson's dolphin (UNKNOWN): 0 Cuvier's beaked whale, goose-beaked whale (UNKNOWN): 0 Dusky dolphin (UNKNOWN): 0 False killer whale (UNKNOWN): 0 Fin whale (UNKNOWN): 0 Gray's beaked whale (UNKNOWN): 0 Hector's beaked whale (UNKNOWN): 0 Humpback whale (UNKNOWN): 0 Killer whale, orca (UNKNOWN): 0 Leopard seal (UNKNOWN): 0 Long-finned pilot whale (UNKNOWN): 0 Peale's dolphin (UNKNOWN): 0 Risso's dolphin, grampus (UNKNOWN): 0 Sei whale (UNKNOWN): 0 Shepherd's beaked whale, Tasman beaked whale (UNKNOWN): 0 South American fur seal (Chilean north stock): 0 South American sea lion (South American sea lion chilean stock): UNKNOWN Southern bottlenose whale (UNKNOWN): 0 Southern elephant seal (UNKNOWN): 0 Southern right whale (Chile-Peru Subpopulation): 0 Southern right-whale dolphin (UNKNOWN): 0 Spectacled porpoise (UNKNOWN): 0 Sperm whale, cachalot (UNKNOWN): 0 Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN): 0 Subantarctic fur seal (UNKNOWN): 0 otter unspecified (UNKNOWN): 0	
Atlantic salmon (<i>Salmo salar</i>), Coho(=Silver) salmon (<i>Oncorhynchus kisutch</i>), Rainbow trout (<i>Oncorhynchus mykiss</i>)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: none provided, Licenses: none provided, Participants: 1, Aquaculture Facilities: 4	EEZ,(FAO:87 Pacific Southeast),87.3.13,REGIÓ N DE MAGALLANES Y DE LA ANTÁRTICA CHILENA; COMUNA DE RIO VERDE; ACS 50A	Antarctic minke whale (UNKNOWN) Arnoux's beaked whale (UNKNOWN) Blue whale (UNKNOWN) Burmeister's porpoise (UNKNOWN) Chilean dolphin (Chilean north stock) Chungungo, marine otter (UNKNOWN) Commerson's dolphin (UNKNOWN) Cuvier's beaked whale, goose-beaked whale (UNKNOWN) Dusky dolphin (UNKNOWN) False killer whale (UNKNOWN) Fin whale (UNKNOWN) Gray's beaked whale (UNKNOWN) Hector's beaked whale (UNKNOWN) Humpback whale (UNKNOWN) Killer whale, orca (UNKNOWN) Leopard seal (UNKNOWN) Long-finned pilot whale (UNKNOWN) Peale's dolphin (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Sei whale (UNKNOWN) Shepherd's beaked whale, Tasman beaked whale (UNKNOWN) South American fur seal (Chilean north stock) South American sea lion (South American sea lion chilean stock) Southern bottlenose whale (UNKNOWN) Southern elephant seal (UNKNOWN) Southern right whale (Chile-Peru Subpopulation) Southern right-whale dolphin (UNKNOWN) Spectacled porpoise (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN) Subantarctic fur seal (UNKNOWN) otter unspecified (UNKNOWN)	Antarctic minke whale (UNKNOWN): 0 Arnoux's beaked whale (UNKNOWN): 0 Blue whale (UNKNOWN): 0 Burmeister's porpoise (UNKNOWN): 0 Chilean dolphin (Chilean north stock): 0 Chungungo, marine otter (UNKNOWN): 0 Commerson's dolphin (UNKNOWN): 0 Cuvier's beaked whale, goose-beaked whale (UNKNOWN): 0 Dusky dolphin (UNKNOWN): 0 False killer whale (UNKNOWN): 0 Fin whale (UNKNOWN): 0 Gray's beaked whale (UNKNOWN): 0 Hector's beaked whale (UNKNOWN): 0 Humpback whale (UNKNOWN): 0 Killer whale, orca (UNKNOWN): 0 Leopard seal (UNKNOWN): 0 Long-finned pilot whale (UNKNOWN): 0 Peale's dolphin (UNKNOWN): 0 Risso's dolphin, grampus (UNKNOWN): 0 Sei whale (UNKNOWN): 0 Shepherd's beaked whale, Tasman beaked whale (UNKNOWN): 0 South American fur seal (Chilean north stock): 0 South American sea lion (South American sea lion chilean stock): UNKNOWN Southern bottlenose whale (UNKNOWN): 0 Southern elephant seal (UNKNOWN): 0 Southern right whale (Chile-Peru Subpopulation): 0 Southern right-whale dolphin (UNKNOWN): 0 Spectacled porpoise (UNKNOWN): 0 Sperm whale, cachalot (UNKNOWN): 0 Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN): 0 Subantarctic fur seal (UNKNOWN): 0 otter unspecified (UNKNOWN): 0	

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Atlantic salmon (<i>Salmo salar</i>), Coho(=Silver) salmon (<i>Oncorhynchus kisutch</i>), Rainbow trout (<i>Oncorhynchus mykiss</i>)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: none provided, Licenses: none provided, Participants: 2, Aquaculture Facilities: 2	EEZ,(FAO:87 Pacific Southeast),87.3.11,REGIÓ N DE LOS LAGOS; COMUNAS DE MAULLIN Y PURRANQUE; ACS 4B	Antarctic minke whale (UNKNOWN) Blainville's beaked whale (UNKNOWN) Blue whale (UNKNOWN) Burmeister's porpoise (UNKNOWN) Chilean dolphin (Chilean north stock) Chungungo, marine otter (UNKNOWN) Commerson's dolphin (UNKNOWN) Common bottlenose dolphin (UNKNOWN) Common dolphin, saddleback dolphin (UNKNOWN) Cuvier's beaked whale, goose-beaked whale (UNKNOWN) Dusky dolphin (UNKNOWN) False killer whale (UNKNOWN) Fin whale (UNKNOWN) Humpback whale (UNKNOWN) Killer whale, orca (UNKNOWN) Long-finned pilot whale (UNKNOWN) Peale's dolphin (UNKNOWN) Pygmy right whale (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Sei whale (UNKNOWN) Short-finned pilot whale (UNKNOWN) South American fur seal (Chilean north stock) South American sea lion (South American sea lion chilean stock) Southern bottlenose whale (UNKNOWN) Southern elephant seal (UNKNOWN) Southern right whale (Chile-Peru Subpopulation) Southern right-whale dolphin (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Subantarctic fur seal (UNKNOWN) otter unspecified (UNKNOWN)	Antarctic minke whale (UNKNOWN): 0 Blainville's beaked whale (UNKNOWN): 0 Blue whale (UNKNOWN): 0 Burmeister's porpoise (UNKNOWN): 0 Chilean dolphin (Chilean north stock): 0 Chungungo, marine otter (UNKNOWN): 0 Commerson's dolphin (UNKNOWN): 0 Common bottlenose dolphin (UNKNOWN): 0 Common dolphin, saddleback dolphin (UNKNOWN): 0 Cuvier's beaked whale, goose-beaked whale (UNKNOWN): 0 Dusky dolphin (UNKNOWN): 0 False killer whale (UNKNOWN): 0 Fin whale (UNKNOWN): 0 Humpback whale (UNKNOWN): 0 Killer whale, orca (UNKNOWN): 0 Long-finned pilot whale (UNKNOWN): 0 Peale's dolphin (UNKNOWN): 0 Pygmy right whale (UNKNOWN): 0 Risso's dolphin, grampus (UNKNOWN): 0 Sei whale (UNKNOWN): 0 Short-finned pilot whale (UNKNOWN): 0 South American fur seal (Chilean north stock): 0 South American sea lion (South American sea lion chilean stock): UNKNOWN Southern bottlenose whale (UNKNOWN): 0 Southern elephant seal (UNKNOWN): 0 Southern right whale (Chile-Peru Subpopulation): 0 Southern right-whale dolphin (UNKNOWN): 0 Sperm whale, cachalot (UNKNOWN): 0 Subantarctic fur seal (UNKNOWN): 0 otter unspecified (UNKNOWN): 0	
Atlantic salmon (<i>Salmo salar</i>), Coho(=Silver) salmon (<i>Oncorhynchus kisutch</i>), Rainbow trout (<i>Oncorhynchus mykiss</i>)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: none provided, Licenses: none provided, Participants: 1, Aquaculture Facilities: 2	EEZ,(FAO:87 Pacific Southeast),87.3.11,REGIÓ N DE LOS LAGOS; COMUNA DE MAULLIN; ACS 4A	Antarctic minke whale (UNKNOWN) Blainville's beaked whale (UNKNOWN) Blue whale (UNKNOWN) Burmeister's porpoise (UNKNOWN) Chilean dolphin (Chilean north stock) Chungungo, marine otter (UNKNOWN) Commerson's dolphin (UNKNOWN) Common bottlenose dolphin (UNKNOWN) Common dolphin, saddleback dolphin (UNKNOWN) Cuvier's beaked whale, goose-beaked whale (UNKNOWN) Dusky dolphin (UNKNOWN) False killer whale (UNKNOWN) Fin whale (UNKNOWN) Humpback whale (UNKNOWN) Killer whale, orca (UNKNOWN) Long-finned pilot whale (UNKNOWN) Peale's dolphin (UNKNOWN) Pygmy right whale (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Sei whale (UNKNOWN) Short-finned pilot whale (UNKNOWN) South American fur seal (Chilean north stock) South American sea lion (South American sea lion chilean stock) Southern bottlenose whale (UNKNOWN) Southern elephant seal (UNKNOWN) Southern right whale (Chile-Peru Subpopulation) Southern right-whale dolphin (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Subantarctic fur seal (UNKNOWN) otter unspecified (UNKNOWN)	Antarctic minke whale (UNKNOWN): 0 Blainville's beaked whale (UNKNOWN): 0 Blue whale (UNKNOWN): 0 Burmeister's porpoise (UNKNOWN): 0 Chilean dolphin (Chilean north stock): 0 Chungungo, marine otter (UNKNOWN): 0 Commerson's dolphin (UNKNOWN): 0 Common bottlenose dolphin (UNKNOWN): 0 Common dolphin, saddleback dolphin (UNKNOWN): 0 Cuvier's beaked whale, goose-beaked whale (UNKNOWN): 0 Dusky dolphin (UNKNOWN): 0 False killer whale (UNKNOWN): 0 Fin whale (UNKNOWN): 0 Humpback whale (UNKNOWN): 0 Killer whale, orca (UNKNOWN): 0 Long-finned pilot whale (UNKNOWN): 0 Peale's dolphin (UNKNOWN): 0 Pygmy right whale (UNKNOWN): 0 Risso's dolphin, grampus (UNKNOWN): 0 Sei whale (UNKNOWN): 0 Short-finned pilot whale (UNKNOWN): 0 South American fur seal (Chilean north stock): 0 South American sea lion (South American sea lion chilean stock): UNKNOWN Southern bottlenose whale (UNKNOWN): 0 Southern elephant seal (UNKNOWN): 0 Southern right whale (Chile-Peru Subpopulation): 0 Southern right-whale dolphin (UNKNOWN): 0 Sperm whale, cachalot (UNKNOWN): 0 Subantarctic fur seal (UNKNOWN): 0 otter unspecified (UNKNOWN): 0	
Atlantic salmon (<i>Salmo salar</i>), Coho(=Silver) salmon (<i>Oncorhynchus kisutch</i>), Rainbow trout (<i>Oncorhynchus mykiss</i>)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: none provided, Licenses: none provided, Participants: 6, Aquaculture Facilities: 9	EEZ,(FAO:87 Pacific Southeast),87.3.13,REGIÓ N DE MAGALLANES Y DE LA ANTÁRTICA CHILENA; COMUNA DE RIO VERDE; ACS 49B	Antarctic minke whale (UNKNOWN) Arnoux's beaked whale (UNKNOWN) Blue whale (UNKNOWN) Burmeister's porpoise (UNKNOWN) Chilean dolphin (Chilean north stock) Chungungo, marine otter (UNKNOWN) Commerson's dolphin (UNKNOWN) Cuvier's beaked whale, goose-beaked whale (UNKNOWN) Dusky dolphin (UNKNOWN) False killer whale (UNKNOWN) Fin whale (UNKNOWN) Gray's beaked whale (UNKNOWN) Hector's beaked whale (UNKNOWN) Humpback whale (UNKNOWN) Killer whale, orca (UNKNOWN) Leopard seal (UNKNOWN) Long-finned pilot whale (UNKNOWN) Peale's dolphin (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Sei whale (UNKNOWN) Shepherd's beaked whale, Tasman beaked whale (UNKNOWN) South American fur seal (Chilean north stock) South American sea lion (South American sea lion chilean stock) Southern bottlenose whale (UNKNOWN) Southern elephant seal (UNKNOWN) Southern right whale (Chile-Peru Subpopulation) Southern right-whale dolphin (UNKNOWN) Spectacled porpoise (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN) Subantarctic fur seal (UNKNOWN) otter unspecified (UNKNOWN)	Antarctic minke whale (UNKNOWN): 0 Arnoux's beaked whale (UNKNOWN): 0 Blue whale (UNKNOWN): 0 Burmeister's porpoise (UNKNOWN): 0 Chilean dolphin (Chilean north stock): 0 Chungungo, marine otter (UNKNOWN): 0 Commerson's dolphin (UNKNOWN): 0 Cuvier's beaked whale, goose-beaked whale (UNKNOWN): 0 Dusky dolphin (UNKNOWN): 0 False killer whale (UNKNOWN): 0 Fin whale (UNKNOWN): 0 Gray's beaked whale (UNKNOWN): 0 Hector's beaked whale (UNKNOWN): 0 Humpback whale (UNKNOWN): 0 Killer whale, orca (UNKNOWN): 0 Leopard seal (UNKNOWN): 0 Long-finned pilot whale (UNKNOWN): 0 Peale's dolphin (UNKNOWN): 0 Risso's dolphin, grampus (UNKNOWN): 0 Sei whale (UNKNOWN): 0 Shepherd's beaked whale, Tasman beaked whale (UNKNOWN): 0 South American fur seal (Chilean north stock): 0 South American sea lion (South American sea lion chilean stock): UNKNOWN Southern bottlenose whale (UNKNOWN): 0 Southern elephant seal (UNKNOWN): 0 Southern right whale (Chile-Peru Subpopulation): 0 Southern right-whale dolphin (UNKNOWN): 0 Spectacled porpoise (UNKNOWN): 0 Sperm whale, cachalot (UNKNOWN): 0 Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN): 0 Subantarctic fur seal (UNKNOWN): 0 otter unspecified (UNKNOWN): 0	

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Atlantic salmon (<i>Salmo salar</i>), Coho(=Silver) salmon (<i>Oncorhynchus kisutch</i>), Rainbow trout (<i>Oncorhynchus mykiss</i>)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: none provided, Licenses: none provided, Participants: 4, Aquaculture Facilities: 9	EEZ,(FAO:87 Pacific Southeast),87.3.13,REGIÓ N DE MAGALLANES Y DE LA ANTÁRTICA CHILENA; COMUNA DE RÍO VERDE; ACS 49A	Antarctic minke whale (UNKNOWN) Arnoux's beaked whale (UNKNOWN) Blue whale (UNKNOWN) Burmeister's porpoise (UNKNOWN) Chilean dolphin (Chilean north stock) Chungungo, marine otter (UNKNOWN) Commerson's dolphin (UNKNOWN) Cuvier's beaked whale, goose-beaked whale (UNKNOWN) Dusky dolphin (UNKNOWN) False killer whale (UNKNOWN) Fin whale (UNKNOWN) Gray's beaked whale (UNKNOWN) Hector's beaked whale (UNKNOWN) Humpback whale (UNKNOWN) Killer whale, orca (UNKNOWN) Leopard seal (UNKNOWN) Long-finned pilot whale (UNKNOWN) Peale's dolphin (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Sei whale (UNKNOWN) Shepherd's beaked whale, Tasman beaked whale (UNKNOWN) South American fur seal (Chilean north stock) South American sea lion (South American sea lion chilean stock) Southern bottlenose whale (UNKNOWN) Southern elephant seal (UNKNOWN) Southern right whale (Chile-Peru Subpopulation) Southern right-whale dolphin (UNKNOWN) Spectacled porpoise (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN) Subantarctic fur seal (UNKNOWN) otter unspecified (UNKNOWN)	Antarctic minke whale (UNKNOWN): 0 Arnoux's beaked whale (UNKNOWN): 0 Blue whale (UNKNOWN): 0 Burmeister's porpoise (UNKNOWN): 0 Chilean dolphin (Chilean north stock): 0 Chungungo, marine otter (UNKNOWN): 0 Commerson's dolphin (UNKNOWN): 0 Cuvier's beaked whale, goose-beaked whale (UNKNOWN): 0 Dusky dolphin (UNKNOWN): 0 False killer whale (UNKNOWN): 0 Fin whale (UNKNOWN): 0 Gray's beaked whale (UNKNOWN): 0 Hector's beaked whale (UNKNOWN): 0 Humpback whale (UNKNOWN): 0 Killer whale, orca (UNKNOWN): 0 Leopard seal (UNKNOWN): 0 Long-finned pilot whale (UNKNOWN): 0 Peale's dolphin (UNKNOWN): 0 Risso's dolphin, grampus (UNKNOWN): 0 Sei whale (UNKNOWN): 0 Shepherd's beaked whale, Tasman beaked whale (UNKNOWN): 0 South American fur seal (Chilean north stock): 0 South American sea lion (South American sea lion chilean stock): UNKNOWN Southern bottlenose whale (UNKNOWN): 0 Southern elephant seal (UNKNOWN): 0 Southern right whale (Chile-Peru Subpopulation): 0 Southern right-whale dolphin (UNKNOWN): 0 Spectacled porpoise (UNKNOWN): 0 Sperm whale, cachalot (UNKNOWN): 0 Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN): 0 Subantarctic fur seal (UNKNOWN): 0 otter unspecified (UNKNOWN): 0	
Atlantic salmon (<i>Salmo salar</i>), Coho(=Silver) salmon (<i>Oncorhynchus kisutch</i>), Rainbow trout (<i>Oncorhynchus mykiss</i>)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: none provided, Licenses: none provided, Participants: 2, Aquaculture Facilities: 4	EEZ,(FAO:87 Pacific Southeast),87.3.13,REGIÓ N DE MAGALLANES Y DE LA ANTÁRTICA CHILENA; COMUNA DE NATALES; ACS 47B	Antarctic minke whale (UNKNOWN) Arnoux's beaked whale (UNKNOWN) Blue whale (UNKNOWN) Burmeister's porpoise (UNKNOWN) Chilean dolphin (Chilean north stock) Chungungo, marine otter (UNKNOWN) Commerson's dolphin (UNKNOWN) Cuvier's beaked whale, goose-beaked whale (UNKNOWN) Dusky dolphin (UNKNOWN) False killer whale (UNKNOWN) Fin whale (UNKNOWN) Gray's beaked whale (UNKNOWN) Hector's beaked whale (UNKNOWN) Humpback whale (UNKNOWN) Killer whale, orca (UNKNOWN) Leopard seal (UNKNOWN) Long-finned pilot whale (UNKNOWN) Peale's dolphin (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Sei whale (UNKNOWN) Shepherd's beaked whale, Tasman beaked whale (UNKNOWN) South American fur seal (Chilean north stock) South American sea lion (South American sea lion chilean stock) Southern bottlenose whale (UNKNOWN) Southern elephant seal (UNKNOWN) Southern right whale (Chile-Peru Subpopulation) Southern right-whale dolphin (UNKNOWN) Spectacled porpoise (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN) Subantarctic fur seal (UNKNOWN) otter unspecified (UNKNOWN)	Antarctic minke whale (UNKNOWN): 0 Arnoux's beaked whale (UNKNOWN): 0 Blue whale (UNKNOWN): 0 Burmeister's porpoise (UNKNOWN): 0 Chilean dolphin (Chilean north stock): 0 Chungungo, marine otter (UNKNOWN): 0 Commerson's dolphin (UNKNOWN): 0 Cuvier's beaked whale, goose-beaked whale (UNKNOWN): 0 Dusky dolphin (UNKNOWN): 0 False killer whale (UNKNOWN): 0 Fin whale (UNKNOWN): 0 Gray's beaked whale (UNKNOWN): 0 Hector's beaked whale (UNKNOWN): 0 Humpback whale (UNKNOWN): 0 Killer whale, orca (UNKNOWN): 0 Leopard seal (UNKNOWN): 0 Long-finned pilot whale (UNKNOWN): 0 Peale's dolphin (UNKNOWN): 0 Risso's dolphin, grampus (UNKNOWN): 0 Sei whale (UNKNOWN): 0 Shepherd's beaked whale, Tasman beaked whale (UNKNOWN): 0 South American fur seal (Chilean north stock): 0 South American sea lion (South American sea lion chilean stock): UNKNOWN Southern bottlenose whale (UNKNOWN): 0 Southern elephant seal (UNKNOWN): 0 Southern right whale (Chile-Peru Subpopulation): 0 Southern right-whale dolphin (UNKNOWN): 0 Spectacled porpoise (UNKNOWN): 0 Sperm whale, cachalot (UNKNOWN): 0 Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN): 0 Subantarctic fur seal (UNKNOWN): 0 otter unspecified (UNKNOWN): 0	

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Atlantic salmon (<i>Salmo salar</i>), Coho(=Silver) salmon (<i>Oncorhynchus kisutch</i>), Rainbow trout (<i>Oncorhynchus mykiss</i>)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: none provided, Licenses: none provided, Participants: 1, Aquaculture Facilities: 6	EEZ,(FAO:87 Pacific Southeast),87.3.13,REGIÓ N DE MAGALLANES Y DE LA ANTÁRTICA CHILENA; COMUNA DE NATALES; ACS 47A	Antarctic minke whale (UNKNOWN) Arnoux's beaked whale (UNKNOWN) Blue whale (UNKNOWN) Burmeister's porpoise (UNKNOWN) Chilean dolphin (Chilean north stock) Chungungo, marine otter (UNKNOWN) Commerson's dolphin (UNKNOWN) Cuvier's beaked whale, goose-beaked whale (UNKNOWN) Dusky dolphin (UNKNOWN) False killer whale (UNKNOWN) Fin whale (UNKNOWN) Gray's beaked whale (UNKNOWN) Hector's beaked whale (UNKNOWN) Humpback whale (UNKNOWN) Killer whale, orca (UNKNOWN) Leopard seal (UNKNOWN) Long-finned pilot whale (UNKNOWN) Peale's dolphin (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Sei whale (UNKNOWN) Shepherd's beaked whale, Tasman beaked whale (UNKNOWN) South American fur seal (Chilean north stock) South American sea lion (South American sea lion chilean stock) Southern bottlenose whale (UNKNOWN) Southern elephant seal (UNKNOWN) Southern right whale (Chile-Peru Subpopulation) Southern right-whale dolphin (UNKNOWN) Spectacled porpoise (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN) Subantarctic fur seal (UNKNOWN) otter unspecified (UNKNOWN)	Antarctic minke whale (UNKNOWN): 0 Arnoux's beaked whale (UNKNOWN): 0 Blue whale (UNKNOWN): 0 Burmeister's porpoise (UNKNOWN): 0 Chilean dolphin (Chilean north stock): 0 Chungungo, marine otter (UNKNOWN): 0 Commerson's dolphin (UNKNOWN): 0 Cuvier's beaked whale, goose-beaked whale (UNKNOWN): 0 Dusky dolphin (UNKNOWN): 0 False killer whale (UNKNOWN): 0 Fin whale (UNKNOWN): 0 Gray's beaked whale (UNKNOWN): 0 Hector's beaked whale (UNKNOWN): 0 Humpback whale (UNKNOWN): 0 Killer whale, orca (UNKNOWN): 0 Leopard seal (UNKNOWN): 0 Long-finned pilot whale (UNKNOWN): 0 Peale's dolphin (UNKNOWN): 0 Risso's dolphin, grampus (UNKNOWN): 0 Sei whale (UNKNOWN): 0 Shepherd's beaked whale, Tasman beaked whale (UNKNOWN): 0 South American fur seal (Chilean north stock): 0 South American sea lion (South American sea lion chilean stock): UNKNOWN Southern bottlenose whale (UNKNOWN): 0 Southern elephant seal (UNKNOWN): 0 Southern right whale (Chile-Peru Subpopulation): 0 Southern right-whale dolphin (UNKNOWN): 0 Spectacled porpoise (UNKNOWN): 0 Sperm whale, cachalot (UNKNOWN): 0 Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN): 0 Subantarctic fur seal (UNKNOWN): 0 otter unspecified (UNKNOWN): 0	
Atlantic salmon (<i>Salmo salar</i>), Coho(=Silver) salmon (<i>Oncorhynchus kisutch</i>), Rainbow trout (<i>Oncorhynchus mykiss</i>)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: none provided, Licenses: none provided, Participants: 1, Aquaculture Facilities: 4	EEZ,(FAO:87 Pacific Southeast),87.3.13,REGIÓ N DE MAGALLANES Y DE LA ANTÁRTICA CHILENA; COMUNA DE NATALES; ACS 43B	Antarctic minke whale (UNKNOWN) Arnoux's beaked whale (UNKNOWN) Blue whale (UNKNOWN) Burmeister's porpoise (UNKNOWN) Chilean dolphin (Chilean north stock) Chungungo, marine otter (UNKNOWN) Commerson's dolphin (UNKNOWN) Cuvier's beaked whale, goose-beaked whale (UNKNOWN) Dusky dolphin (UNKNOWN) False killer whale (UNKNOWN) Fin whale (UNKNOWN) Gray's beaked whale (UNKNOWN) Hector's beaked whale (UNKNOWN) Humpback whale (UNKNOWN) Killer whale, orca (UNKNOWN) Leopard seal (UNKNOWN) Long-finned pilot whale (UNKNOWN) Peale's dolphin (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Sei whale (UNKNOWN) Shepherd's beaked whale, Tasman beaked whale (UNKNOWN) South American fur seal (Chilean north stock) South American sea lion (South American sea lion chilean stock) Southern bottlenose whale (UNKNOWN) Southern elephant seal (UNKNOWN) Southern right whale (Chile-Peru Subpopulation) Southern right-whale dolphin (UNKNOWN) Spectacled porpoise (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN) Subantarctic fur seal (UNKNOWN) otter unspecified (UNKNOWN)	Antarctic minke whale (UNKNOWN): 0 Arnoux's beaked whale (UNKNOWN): 0 Blue whale (UNKNOWN): 0 Burmeister's porpoise (UNKNOWN): 0 Chilean dolphin (Chilean north stock): 0 Chungungo, marine otter (UNKNOWN): 0 Commerson's dolphin (UNKNOWN): 0 Cuvier's beaked whale, goose-beaked whale (UNKNOWN): 0 Dusky dolphin (UNKNOWN): 0 False killer whale (UNKNOWN): 0 Fin whale (UNKNOWN): 0 Gray's beaked whale (UNKNOWN): 0 Hector's beaked whale (UNKNOWN): 0 Humpback whale (UNKNOWN): 0 Killer whale, orca (UNKNOWN): 0 Leopard seal (UNKNOWN): 0 Long-finned pilot whale (UNKNOWN): 0 Peale's dolphin (UNKNOWN): 0 Risso's dolphin, grampus (UNKNOWN): 0 Sei whale (UNKNOWN): 0 Shepherd's beaked whale, Tasman beaked whale (UNKNOWN): 0 South American fur seal (Chilean north stock): 0 South American sea lion (South American sea lion chilean stock): UNKNOWN Southern bottlenose whale (UNKNOWN): 0 Southern elephant seal (UNKNOWN): 0 Southern right whale (Chile-Peru Subpopulation): 0 Southern right-whale dolphin (UNKNOWN): 0 Spectacled porpoise (UNKNOWN): 0 Sperm whale, cachalot (UNKNOWN): 0 Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN): 0 Subantarctic fur seal (UNKNOWN): 0 otter unspecified (UNKNOWN): 0	

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Atlantic salmon (<i>Salmo salar</i>), Coho(=Silver) salmon (<i>Oncorhynchus kisutch</i>), Rainbow trout (<i>Oncorhynchus mykiss</i>)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: none provided, Licenses: none provided, Participants: 1, Aquaculture Facilities: 3	EEZ,(FAO:87 Pacific Southeast),87.3.13,REGIÓ N DE MAGALLANES Y DE LA ANTÁRTICA CHILENA; COMUNA DE NATALES; ACS 43A	Antarctic minke whale (UNKNOWN) Arnoux's beaked whale (UNKNOWN) Blue whale (UNKNOWN) Burmeister's porpoise (UNKNOWN) Chilean dolphin (Chilean north stock) Chungungo, marine otter (UNKNOWN) Commerson's dolphin (UNKNOWN) Cuvier's beaked whale, goose-beaked whale (UNKNOWN) Dusky dolphin (UNKNOWN) False killer whale (UNKNOWN) Fin whale (UNKNOWN) Gray's beaked whale (UNKNOWN) Hector's beaked whale (UNKNOWN) Humpback whale (UNKNOWN) Killer whale, orca (UNKNOWN) Leopard seal (UNKNOWN) Long-finned pilot whale (UNKNOWN) Peale's dolphin (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Sei whale (UNKNOWN) Shepherd's beaked whale, Tasman beaked whale (UNKNOWN) South American fur seal (Chilean north stock) South American sea lion (South American sea lion chilean stock) Southern bottlenose whale (UNKNOWN) Southern elephant seal (UNKNOWN) Southern right whale (Chile-Peru Subpopulation) Southern right-whale dolphin (UNKNOWN) Spectacled porpoise (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN) Subantarctic fur seal (UNKNOWN) otter unspecified (UNKNOWN)	Antarctic minke whale (UNKNOWN): 0 Arnoux's beaked whale (UNKNOWN): 0 Blue whale (UNKNOWN): 0 Burmeister's porpoise (UNKNOWN): 0 Chilean dolphin (Chilean north stock): 0 Chungungo, marine otter (UNKNOWN): 0 Commerson's dolphin (UNKNOWN): 0 Cuvier's beaked whale, goose-beaked whale (UNKNOWN): 0 Dusky dolphin (UNKNOWN): 0 False killer whale (UNKNOWN): 0 Fin whale (UNKNOWN): 0 Gray's beaked whale (UNKNOWN): 0 Hector's beaked whale (UNKNOWN): 0 Humpback whale (UNKNOWN): 0 Killer whale, orca (UNKNOWN): 0 Leopard seal (UNKNOWN): 0 Long-finned pilot whale (UNKNOWN): 0 Peale's dolphin (UNKNOWN): 0 Risso's dolphin, grampus (UNKNOWN): 0 Sei whale (UNKNOWN): 0 Shepherd's beaked whale, Tasman beaked whale (UNKNOWN): 0 South American fur seal (Chilean north stock): 0 South American sea lion (South American sea lion chilean stock): UNKNOWN Southern bottlenose whale (UNKNOWN): 0 Southern elephant seal (UNKNOWN): 0 Southern right whale (Chile-Peru Subpopulation): 0 Southern right-whale dolphin (UNKNOWN): 0 Spectacled porpoise (UNKNOWN): 0 Sperm whale, cachalot (UNKNOWN): 0 Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN): 0 Subantarctic fur seal (UNKNOWN): 0 otter unspecified (UNKNOWN): 0	
Atlantic salmon (<i>Salmo salar</i>), Coho(=Silver) salmon (<i>Oncorhynchus kisutch</i>), Rainbow trout (<i>Oncorhynchus mykiss</i>)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: none provided, Licenses: none provided, Participants: 9, Aquaculture Facilities: 18	EEZ,(FAO:87 Pacific Southeast),87.3.11,REGIÓ N DE LOS LAGOS; COMUNA DE CALBUCO; ACS 3B	Antarctic minke whale (UNKNOWN) Blainville's beaked whale (UNKNOWN) Blue whale (UNKNOWN) Burmeister's porpoise (UNKNOWN) Chilean dolphin (Chilean north stock) Chungungo, marine otter (UNKNOWN) Commerson's dolphin (UNKNOWN) Common bottlenose dolphin (UNKNOWN) Common dolphin, saddleback dolphin (UNKNOWN) Cuvier's beaked whale, goose-beaked whale (UNKNOWN) Dusky dolphin (UNKNOWN) False killer whale (UNKNOWN) Fin whale (UNKNOWN) Humpback whale (UNKNOWN) Killer whale, orca (UNKNOWN) Long-finned pilot whale (UNKNOWN) Peale's dolphin (UNKNOWN) Pygmy right whale (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Sei whale (UNKNOWN) Short-finned pilot whale (UNKNOWN) South American fur seal (Chilean north stock) South American sea lion (South American sea lion chilean stock) Southern bottlenose whale (UNKNOWN) Southern elephant seal (UNKNOWN) Southern right whale (Chile-Peru Subpopulation) Southern right-whale dolphin (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Subantarctic fur seal (UNKNOWN) otter unspecified (UNKNOWN)	Antarctic minke whale (UNKNOWN): 0 Blainville's beaked whale (UNKNOWN): 0 Blue whale (UNKNOWN): 0 Burmeister's porpoise (UNKNOWN): 0 Chilean dolphin (Chilean north stock): 0 Chungungo, marine otter (UNKNOWN): 0 Commerson's dolphin (UNKNOWN): 0 Common bottlenose dolphin (UNKNOWN): 0 Common dolphin, saddleback dolphin (UNKNOWN): 0 Cuvier's beaked whale, goose-beaked whale (UNKNOWN): 0 Dusky dolphin (UNKNOWN): 0 False killer whale (UNKNOWN): 0 Fin whale (UNKNOWN): 0 Humpback whale (UNKNOWN): 0 Killer whale, orca (UNKNOWN): 0 Long-finned pilot whale (UNKNOWN): 0 Peale's dolphin (UNKNOWN): 0 Pygmy right whale (UNKNOWN): 0 Risso's dolphin, grampus (UNKNOWN): 0 Sei whale (UNKNOWN): 0 Short-finned pilot whale (UNKNOWN): 0 South American fur seal (Chilean north stock): 0 South American sea lion (South American sea lion chilean stock): UNKNOWN Southern bottlenose whale (UNKNOWN): 0 Southern right whale (Chile-Peru Subpopulation): 0 Southern right-whale dolphin (UNKNOWN): 0 Sperm whale, cachalot (UNKNOWN): 0 Subantarctic fur seal (UNKNOWN): 0 otter unspecified (UNKNOWN): 0	
Atlantic salmon (<i>Salmo salar</i>), Coho(=Silver) salmon (<i>Oncorhynchus kisutch</i>), Rainbow trout (<i>Oncorhynchus mykiss</i>)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: none provided, Licenses: none provided, Participants: 9, Aquaculture Facilities: 21	EEZ,(FAO:87 Pacific Southeast),87.3.11,REGIÓ N DE LOS LAGOS; COMUNA DE CALBUCO; ACS 3A	Antarctic minke whale (UNKNOWN) Blainville's beaked whale (UNKNOWN) Blue whale (UNKNOWN) Burmeister's porpoise (UNKNOWN) Chilean dolphin (Chilean north stock) Chungungo, marine otter (UNKNOWN) Commerson's dolphin (UNKNOWN) Common bottlenose dolphin (UNKNOWN) Common dolphin, saddleback dolphin (UNKNOWN) Cuvier's beaked whale, goose-beaked whale (UNKNOWN) Dusky dolphin (UNKNOWN) False killer whale (UNKNOWN) Fin whale (UNKNOWN) Humpback whale (UNKNOWN) Killer whale, orca (UNKNOWN) Long-finned pilot whale (UNKNOWN) Peale's dolphin (UNKNOWN) Pygmy right whale (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Sei whale (UNKNOWN) Short-finned pilot whale (UNKNOWN) South American fur seal (Chilean north stock) South American sea lion (South American sea lion chilean stock) Southern bottlenose whale (UNKNOWN) Southern elephant seal (UNKNOWN) Southern right whale (Chile-Peru Subpopulation) Southern right-whale dolphin (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Subantarctic fur seal (UNKNOWN) otter unspecified (UNKNOWN)	Antarctic minke whale (UNKNOWN): 0 Blainville's beaked whale (UNKNOWN): 0 Blue whale (UNKNOWN): 0 Burmeister's porpoise (UNKNOWN): 0 Chilean dolphin (Chilean north stock): 0 Chungungo, marine otter (UNKNOWN): 0 Commerson's dolphin (UNKNOWN): 0 Common bottlenose dolphin (UNKNOWN): 0 Common dolphin, saddleback dolphin (UNKNOWN): 0 Cuvier's beaked whale, goose-beaked whale (UNKNOWN): 0 Dusky dolphin (UNKNOWN): 0 False killer whale (UNKNOWN): 0 Fin whale (UNKNOWN): 0 Humpback whale (UNKNOWN): 0 Killer whale, orca (UNKNOWN): 0 Long-finned pilot whale (UNKNOWN): 0 Peale's dolphin (UNKNOWN): 0 Pygmy right whale (UNKNOWN): 0 Risso's dolphin, grampus (UNKNOWN): 0 Sei whale (UNKNOWN): 0 Short-finned pilot whale (UNKNOWN): 0 South American fur seal (Chilean north stock): 0 South American sea lion (South American sea lion chilean stock): UNKNOWN Southern bottlenose whale (UNKNOWN): 0 Southern elephant seal (UNKNOWN): 0 Southern right whale (Chile-Peru Subpopulation): 0 Southern right-whale dolphin (UNKNOWN): 0 Sperm whale, cachalot (UNKNOWN): 0 Subantarctic fur seal (UNKNOWN): 0 otter unspecified (UNKNOWN): 0	

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Atlantic salmon (<i>Salmo salar</i>), Coho(=Silver) salmon (<i>Oncorhynchus kisutch</i>), Rainbow trout (<i>Oncorhynchus mykiss</i>)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: none provided, Licenses: none provided, Participants: 2, Aquaculture Facilities: 15	EEZ,(FAO:87 Pacific Southeast),87.3.12,REGIÓ N DE AYSÉN DEL GENERAL CARLOS IBÁÑEZ DEL CAMPO; COMUNA DE GUAITECAS; ACS 18A	Antarctic minke whale (UNKNOWN) Blue whale (UNKNOWN) Burmeister's porpoise (UNKNOWN) Chilean dolphin (Chilean north stock) Chungungo, marine otter (UNKNOWN) Commerson's dolphin (UNKNOWN) Common bottlenose dolphin (UNKNOWN) Cuvier's beaked whale, goose-beaked whale (UNKNOWN) Dusky dolphin (UNKNOWN) False killer whale (UNKNOWN) Fin whale (UNKNOWN) Humpback whale (UNKNOWN) Killer whale, orca (UNKNOWN) Leopard seal (UNKNOWN) Long-finned pilot whale (UNKNOWN) Peale's dolphin (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Sei whale (UNKNOWN) South American fur seal (Chilean north stock) South American sea lion (South American sea lion chilean stock) Southern bottlenose whale (UNKNOWN) Southern elephant seal (UNKNOWN) Southern right whale (Chile-Peru Subpopulation) Southern right-whale dolphin (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN) otter unspecified (UNKNOWN)	Antarctic minke whale (UNKNOWN): 0 Blue whale (UNKNOWN): 0 Burmeister's porpoise (UNKNOWN): 0 Chilean dolphin (Chilean north stock): 0 Chungungo, marine otter (UNKNOWN): 0 Commerson's dolphin (UNKNOWN): 0 Common bottlenose dolphin (UNKNOWN): 0 Cuvier's beaked whale, goose-beaked whale (UNKNOWN): 0 Dusky dolphin (UNKNOWN): 0 False killer whale (UNKNOWN): 0 Fin whale (UNKNOWN): 0 Humpback whale (UNKNOWN): 0 Killer whale, orca (UNKNOWN): 0 Leopard seal (UNKNOWN): 0 Long-finned pilot whale (UNKNOWN): 0 Peale's dolphin (UNKNOWN): 0 Risso's dolphin, grampus (UNKNOWN): 0 Sei whale (UNKNOWN): 0 South American fur seal (Chilean north stock): 0 South American sea lion (South American sea lion chilean stock): UNKNOWN	RFMO
Atlantic salmon (<i>Salmo salar</i>), Coho(=Silver) salmon (<i>Oncorhynchus kisutch</i>), Rainbow trout (<i>Oncorhynchus mykiss</i>)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: none provided, Licenses: none provided, Participants: 7, Aquaculture Facilities: 12	EEZ,(FAO:87 Pacific Southeast),87.3.12,REGIÓ N DE AYSÉN DEL GENERAL CARLOS IBÁÑEZ DEL CAMPO; COMUNA DE CISNES; ACS 31B	Antarctic minke whale (UNKNOWN) Blue whale (UNKNOWN) Burmeister's porpoise (UNKNOWN) Chilean dolphin (Chilean north stock) Chungungo, marine otter (UNKNOWN) Commerson's dolphin (UNKNOWN) Common bottlenose dolphin (UNKNOWN) Cuvier's beaked whale, goose-beaked whale (UNKNOWN) Dusky dolphin (UNKNOWN) False killer whale (UNKNOWN) Fin whale (UNKNOWN) Humpback whale (UNKNOWN) Killer whale, orca (UNKNOWN) Leopard seal (UNKNOWN) Long-finned pilot whale (UNKNOWN) Peale's dolphin (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Sei whale (UNKNOWN) South American fur seal (Chilean north stock) South American sea lion (South American sea lion chilean stock) Southern bottlenose whale (UNKNOWN) Southern elephant seal (UNKNOWN) Southern right whale (Chile-Peru Subpopulation) Southern right-whale dolphin (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN) otter unspecified (UNKNOWN)	Antarctic minke whale (UNKNOWN): 0 Blue whale (UNKNOWN): 0 Burmeister's porpoise (UNKNOWN): 0 Chilean dolphin (Chilean north stock): 0 Chungungo, marine otter (UNKNOWN): 0 Commerson's dolphin (UNKNOWN): 0 Common bottlenose dolphin (UNKNOWN): 0 Cuvier's beaked whale, goose-beaked whale (UNKNOWN): 0 Dusky dolphin (UNKNOWN): 0 False killer whale (UNKNOWN): 0 Fin whale (UNKNOWN): 0 Humpback whale (UNKNOWN): 0 Killer whale, orca (UNKNOWN): 0 Leopard seal (UNKNOWN): 0 Long-finned pilot whale (UNKNOWN): 0 Peale's dolphin (UNKNOWN): 0 Risso's dolphin, grampus (UNKNOWN): 0 Sei whale (UNKNOWN): 0 South American fur seal (Chilean north stock): 0 South American sea lion (South American sea lion chilean stock): UNKNOWN Southern bottlenose whale (UNKNOWN): 0 Southern elephant seal (UNKNOWN): 0 Southern right whale (Chile-Peru Subpopulation): 0 Southern right-whale dolphin (UNKNOWN): 0 Sperm whale, cachalot (UNKNOWN): 0 Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN): 0	

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Atlantic salmon (<i>Salmo salar</i>), Coho(=Silver) salmon (<i>Oncorhynchus kisutch</i>), Rainbow trout (<i>Oncorhynchus mykiss</i>)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: none provided, Licenses: none provided, Participants: 5, Aquaculture Facilities: 24	EEZ,(FAO:87 Pacific Southeast),87.3.12,REGIÓ N DE AYSÉN DEL GENERAL CARLOS IBÁÑEZ DEL CAMPO; COMUNAS DE GUAITECAS Y CISNES; ACS 18B	Antarctic minke whale (UNKNOWN) Blue whale (UNKNOWN) Burmeister's porpoise (UNKNOWN) Chilean dolphin (Chilean north stock) Chungungo, marine otter (UNKNOWN) Commerson's dolphin (UNKNOWN) Common bottlenose dolphin (UNKNOWN) Cuvier's beaked whale, goose-beaked whale (UNKNOWN) Dusky dolphin (UNKNOWN) False killer whale (UNKNOWN) Fin whale (UNKNOWN) Humpback whale (UNKNOWN) Killer whale, orca (UNKNOWN) Leopard seal (UNKNOWN) Long-finned pilot whale (UNKNOWN) Peale's dolphin (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Sei whale (UNKNOWN) South American fur seal (Chilean north stock) South American sea lion (South American sea lion chilean stock) Southern bottlenose whale (UNKNOWN) Southern elephant seal (UNKNOWN) Southern right whale (Chile-Peru Subpopulation) Southern right-whale dolphin (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN) otter unspecified (UNKNOWN)	Antarctic minke whale (UNKNOWN): 0 Blue whale (UNKNOWN): 0 Burmeister's porpoise (UNKNOWN): 0 Chilean dolphin (Chilean north stock): 0 Chungungo, marine otter (UNKNOWN): 0 Commerson's dolphin (UNKNOWN): 0 Common bottlenose dolphin (UNKNOWN): 0 Cuvier's beaked whale, goose-beaked whale (UNKNOWN): 0 Dusky dolphin (UNKNOWN): 0 False killer whale (UNKNOWN): 0 Fin whale (UNKNOWN): 0 Humpback whale (UNKNOWN): 0 Killer whale, orca (UNKNOWN): 0 Leopard seal (UNKNOWN): 0 Long-finned pilot whale (UNKNOWN): 0 Peale's dolphin (UNKNOWN): 0 Risso's dolphin, grampus (UNKNOWN): 0 Sei whale (UNKNOWN): 0 South American fur seal (Chilean north stock): 0 South American sea lion (South American sea lion chilean stock): UNKNOWN Southern bottlenose whale (UNKNOWN): 0 Southern elephant seal (UNKNOWN): 0 Southern right whale (Chile-Peru Subpopulation): 0 Southern right-whale dolphin (UNKNOWN): 0 Sperm whale, cachalot (UNKNOWN): 0 Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN): 0 otter unspecified (UNKNOWN): 0 Antarctic minke whale (UNKNOWN): 0 Blue whale (UNKNOWN): 0 Burmeister's porpoise (UNKNOWN): 0 Chilean dolphin (Chilean north stock): 0 Chungungo, marine otter (UNKNOWN): 0 Commerson's dolphin (UNKNOWN): 0 Common bottlenose dolphin (UNKNOWN): 0 Cuvier's beaked whale, goose-beaked whale (UNKNOWN): 0 Dusky dolphin (UNKNOWN): 0 False killer whale (UNKNOWN): 0 Fin whale (UNKNOWN): 0 Humpback whale (UNKNOWN): 0 Killer whale, orca (UNKNOWN): 0 Leopard seal (UNKNOWN): 0 Long-finned pilot whale (UNKNOWN): 0 Peale's dolphin (UNKNOWN): 0 Risso's dolphin, grampus (UNKNOWN): 0 Sei whale (UNKNOWN): 0 South American fur seal (Chilean north stock): 0 South American sea lion (South American sea lion chilean stock): UNKNOWN Southern bottlenose whale (UNKNOWN): 0 Southern elephant seal (UNKNOWN): 0 Southern right whale (Chile-Peru Subpopulation): 0 Southern right-whale dolphin (UNKNOWN): 0 Sperm whale, cachalot (UNKNOWN): 0 Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN): 0 otter unspecified (UNKNOWN): 0	
Atlantic salmon (<i>Salmo salar</i>), Coho(=Silver) salmon (<i>Oncorhynchus kisutch</i>), Rainbow trout (<i>Oncorhynchus mykiss</i>)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: none provided, Licenses: none provided, Participants: 3, Aquaculture Facilities: 4	EEZ,(FAO:87 Pacific Southeast),87.3.12,REGIÓ N DE AYSÉN DEL GENERAL CARLOS IBÁÑEZ DEL CAMPO; COMUNA DE CISNES; ACS 31A	Antarctic minke whale (UNKNOWN) Blue whale (UNKNOWN) Burmeister's porpoise (UNKNOWN) Chilean dolphin (Chilean north stock) Chungungo, marine otter (UNKNOWN) Commerson's dolphin (UNKNOWN) Common bottlenose dolphin (UNKNOWN) Cuvier's beaked whale, goose-beaked whale (UNKNOWN) Dusky dolphin (UNKNOWN) False killer whale (UNKNOWN) Fin whale (UNKNOWN) Humpback whale (UNKNOWN) Killer whale, orca (UNKNOWN) Leopard seal (UNKNOWN) Long-finned pilot whale (UNKNOWN) Peale's dolphin (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Sei whale (UNKNOWN) South American fur seal (Chilean north stock) South American sea lion (South American sea lion chilean stock) Southern bottlenose whale (UNKNOWN) Southern elephant seal (UNKNOWN) Southern right whale (Chile-Peru Subpopulation) Southern right-whale dolphin (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN) otter unspecified (UNKNOWN)	Antarctic minke whale (UNKNOWN): 0 Blue whale (UNKNOWN): 0 Burmeister's porpoise (UNKNOWN): 0 Chilean dolphin (Chilean north stock): 0 Chungungo, marine otter (UNKNOWN): 0 Commerson's dolphin (UNKNOWN): 0 Common bottlenose dolphin (UNKNOWN): 0 Cuvier's beaked whale, goose-beaked whale (UNKNOWN): 0 Dusky dolphin (UNKNOWN): 0 False killer whale (UNKNOWN): 0 Fin whale (UNKNOWN): 0 Humpback whale (UNKNOWN): 0 Killer whale, orca (UNKNOWN): 0 Leopard seal (UNKNOWN): 0 Long-finned pilot whale (UNKNOWN): 0 Peale's dolphin (UNKNOWN): 0 Risso's dolphin, grampus (UNKNOWN): 0 Sei whale (UNKNOWN): 0 South American fur seal (Chilean north stock): 0 South American sea lion (South American sea lion chilean stock): UNKNOWN Southern bottlenose whale (UNKNOWN): 0 Southern elephant seal (UNKNOWN): 0 Southern right whale (Chile-Peru Subpopulation): 0 Southern right-whale dolphin (UNKNOWN): 0 Sperm whale, cachalot (UNKNOWN): 0 Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN): 0 otter unspecified (UNKNOWN): 0 Antarctic minke whale (UNKNOWN): 0 Blue whale (UNKNOWN): 0 Burmeister's porpoise (UNKNOWN): 0 Chilean dolphin (Chilean north stock): 0 Chungungo, marine otter (UNKNOWN): 0 Commerson's dolphin (UNKNOWN): 0 Common bottlenose dolphin (UNKNOWN): 0 Cuvier's beaked whale, goose-beaked whale (UNKNOWN): 0 Dusky dolphin (UNKNOWN): 0 False killer whale (UNKNOWN): 0 Fin whale (UNKNOWN): 0 Humpback whale (UNKNOWN): 0 Killer whale, orca (UNKNOWN): 0 Leopard seal (UNKNOWN): 0 Long-finned pilot whale (UNKNOWN): 0 Peale's dolphin (UNKNOWN): 0 Risso's dolphin, grampus (UNKNOWN): 0 Sei whale (UNKNOWN): 0 South American fur seal (Chilean north stock): 0 South American sea lion (South American sea lion chilean stock): UNKNOWN Southern bottlenose whale (UNKNOWN): 0 Southern elephant seal (UNKNOWN): 0 Southern right whale (Chile-Peru Subpopulation): 0 Southern right-whale dolphin (UNKNOWN): 0 Sperm whale, cachalot (UNKNOWN): 0 Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN): 0 otter unspecified (UNKNOWN): 0	

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Atlantic salmon (<i>Salmo salar</i>), Coho(=Silver) salmon (<i>Oncorhynchus kisutch</i>), Rainbow trout (<i>Oncorhynchus mykiss</i>)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: none provided, Licenses: none provided, Participants: 10, Aquaculture Facilities: 16	EEZ,(FAO:87 Pacific Southeast),87.3.12,REGIÓ N DE AYSÉN DEL GENERAL CARLOS IBÁÑEZ DEL CAMPO; COMUNA DE AISEN; ACS 30B	Antarctic minke whale (UNKNOWN) Blue whale (UNKNOWN) Burmeister's porpoise (UNKNOWN) Chilean dolphin (Chilean north stock) Chungungo, marine otter (UNKNOWN) Commerson's dolphin (UNKNOWN) Common bottlenose dolphin (UNKNOWN) Cuvier's beaked whale, goose-beaked whale (UNKNOWN) Dusky dolphin (UNKNOWN) False killer whale (UNKNOWN) Fin whale (UNKNOWN) Humpback whale (UNKNOWN) Killer whale, orca (UNKNOWN) Leopard seal (UNKNOWN) Long-finned pilot whale (UNKNOWN) Peale's dolphin (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Sei whale (UNKNOWN) South American fur seal (Chilean north stock) South American sea lion (South American sea lion chilean stock) Southern bottlenose whale (UNKNOWN) Southern elephant seal (UNKNOWN) Southern right whale (Chile-Peru Subpopulation) Southern right-whale dolphin (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN) otter unspecified (UNKNOWN)	Antarctic minke whale (UNKNOWN): 0 Blue whale (UNKNOWN): 0 Burmeister's porpoise (UNKNOWN): 0 Chilean dolphin (Chilean north stock): 0 Chungungo, marine otter (UNKNOWN): 0 Commerson's dolphin (UNKNOWN): 0 Common bottlenose dolphin (UNKNOWN): 0 Cuvier's beaked whale, goose-beaked whale (UNKNOWN): 0 Dusky dolphin (UNKNOWN): 0 False killer whale (UNKNOWN): 0 Fin whale (UNKNOWN): 0 Humpback whale (UNKNOWN): 0 Killer whale, orca (UNKNOWN): 0 Leopard seal (UNKNOWN): 0 Long-finned pilot whale (UNKNOWN): 0 Peale's dolphin (UNKNOWN): 0 Risso's dolphin, grampus (UNKNOWN): 0 Sei whale (UNKNOWN): 0 South American fur seal (Chilean north stock): 0 South American sea lion (South American sea lion chilean stock): UNKNOWN	RFMO
Atlantic salmon (<i>Salmo salar</i>), Coho(=Silver) salmon (<i>Oncorhynchus kisutch</i>), Rainbow trout (<i>Oncorhynchus mykiss</i>)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: none provided, Licenses: none provided, Participants: 9, Aquaculture Facilities: 24	EEZ,(FAO:87 Pacific Southeast),87.3.12,REGIÓ N DE AYSÉN DEL GENERAL CARLOS IBÁÑEZ DEL CAMPO; COMUNAS DE AISEN Y CISNES; ACS 30A	Antarctic minke whale (UNKNOWN) Blue whale (UNKNOWN) Burmeister's porpoise (UNKNOWN) Chilean dolphin (Chilean north stock) Chungungo, marine otter (UNKNOWN) Commerson's dolphin (UNKNOWN) Common bottlenose dolphin (UNKNOWN) Cuvier's beaked whale, goose-beaked whale (UNKNOWN) Dusky dolphin (UNKNOWN) False killer whale (UNKNOWN) Fin whale (UNKNOWN) Humpback whale (UNKNOWN) Killer whale, orca (UNKNOWN) Leopard seal (UNKNOWN) Long-finned pilot whale (UNKNOWN) Peale's dolphin (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Sei whale (UNKNOWN) South American fur seal (Chilean north stock) South American sea lion (South American sea lion chilean stock) Southern bottlenose whale (UNKNOWN) Southern elephant seal (UNKNOWN) Southern right whale (Chile-Peru Subpopulation) Southern right-whale dolphin (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN) otter unspecified (UNKNOWN)	Antarctic minke whale (UNKNOWN): 0 Blue whale (UNKNOWN): 0 Burmeister's porpoise (UNKNOWN): 0 Chilean dolphin (Chilean north stock): 0 Chungungo, marine otter (UNKNOWN): 0 Commerson's dolphin (UNKNOWN): 0 Common bottlenose dolphin (UNKNOWN): 0 Cuvier's beaked whale, goose-beaked whale (UNKNOWN): 0 Dusky dolphin (UNKNOWN): 0 False killer whale (UNKNOWN): 0 Fin whale (UNKNOWN): 0 Humpback whale (UNKNOWN): 0 Killer whale, orca (UNKNOWN): 0 Leopard seal (UNKNOWN): 0 Long-finned pilot whale (UNKNOWN): 0 Peale's dolphin (UNKNOWN): 0 Risso's dolphin, grampus (UNKNOWN): 0 Sei whale (UNKNOWN): 0 South American fur seal (Chilean north stock): 0 South American sea lion (South American sea lion chilean stock): UNKNOWN Southern bottlenose whale (UNKNOWN): 0 Southern elephant seal (UNKNOWN): 0 Southern right whale (Chile-Peru Subpopulation): 0 Southern right-whale dolphin (UNKNOWN): 0 Sperm whale, cachalot (UNKNOWN): 0 Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN): 0	RFMO

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Atlantic salmon (<i>Salmo salar</i>), Coho(=Silver) salmon (<i>Oncorhynchus kisutch</i>), Rainbow trout (<i>Oncorhynchus mykiss</i>)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: none provided, Licenses: none provided, Participants: 3, Aquaculture Facilities: 3	EEZ,(FAO:87 Pacific Southeast),87.3.12,REGIÓ N DE AYSÉN DEL GENERAL CARLOS IBÁÑEZ DEL CAMPO; COMUNA DE AISEN; ACS 28C	Antarctic minke whale (UNKNOWN) Blue whale (UNKNOWN) Burmeister's porpoise (UNKNOWN) Chilean dolphin (Chilean north stock) Chungungo, marine otter (UNKNOWN) Commerson's dolphin (UNKNOWN) Common bottlenose dolphin (UNKNOWN) Cuvier's beaked whale, goose-beaked whale (UNKNOWN) Dusky dolphin (UNKNOWN) False killer whale (UNKNOWN) Fin whale (UNKNOWN) Humpback whale (UNKNOWN) Killer whale, orca (UNKNOWN) Leopard seal (UNKNOWN) Long-finned pilot whale (UNKNOWN) Peale's dolphin (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Sei whale (UNKNOWN) South American fur seal (Chilean north stock) South American sea lion (South American sea lion chilean stock) Southern bottlenose whale (UNKNOWN) Southern elephant seal (UNKNOWN) Southern right whale (Chile-Peru Subpopulation) Southern right-whale dolphin (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN) otter unspecified (UNKNOWN)	Antarctic minke whale (UNKNOWN): 0 Blue whale (UNKNOWN): 0 Burmeister's porpoise (UNKNOWN): 0 Chilean dolphin (Chilean north stock): 0 Chungungo, marine otter (UNKNOWN): 0 Commerson's dolphin (UNKNOWN): 0 Common bottlenose dolphin (UNKNOWN): 0 Cuvier's beaked whale, goose-beaked whale (UNKNOWN): 0 Dusky dolphin (UNKNOWN): 0 False killer whale (UNKNOWN): 0 Fin whale (UNKNOWN): 0 Humpback whale (UNKNOWN): 0 Killer whale, orca (UNKNOWN): 0 Leopard seal (UNKNOWN): 0 Long-finned pilot whale (UNKNOWN): 0 Peale's dolphin (UNKNOWN): 0 Risso's dolphin, grampus (UNKNOWN): 0 Sei whale (UNKNOWN): 0 South American fur seal (Chilean north stock): 0 South American sea lion (South American sea lion chilean stock): UNKNOWN Southern bottlenose whale (UNKNOWN): 0 Southern elephant seal (UNKNOWN): 0 Southern right whale (Chile-Peru Subpopulation): 0 Southern right-whale dolphin (UNKNOWN): 0 Sperm whale, cachalot (UNKNOWN): 0 Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN): 0 otter unspecified (UNKNOWN): 0 Antarctic minke whale (UNKNOWN): 0 Blue whale (UNKNOWN): 0 Burmeister's porpoise (UNKNOWN): 0 Chilean dolphin (Chilean north stock): 0 Chungungo, marine otter (UNKNOWN): 0 Commerson's dolphin (UNKNOWN): 0 Common bottlenose dolphin (UNKNOWN): 0 Cuvier's beaked whale, goose-beaked whale (UNKNOWN): 0 Dusky dolphin (UNKNOWN): 0 False killer whale (UNKNOWN): 0 Fin whale (UNKNOWN): 0 Humpback whale (UNKNOWN): 0 Killer whale, orca (UNKNOWN): 0 Leopard seal (UNKNOWN): 0 Long-finned pilot whale (UNKNOWN): 0 Peale's dolphin (UNKNOWN): 0 Risso's dolphin, grampus (UNKNOWN): 0 Sei whale (UNKNOWN): 0 South American fur seal (Chilean north stock): 0 South American sea lion (South American sea lion chilean stock): UNKNOWN Southern bottlenose whale (UNKNOWN): 0 Southern elephant seal (UNKNOWN): 0 Southern right whale (Chile-Peru Subpopulation): 0 Southern right-whale dolphin (UNKNOWN): 0 Sperm whale, cachalot (UNKNOWN): 0 Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN): 0 otter unspecified (UNKNOWN): 0	RFMO
Atlantic salmon (<i>Salmo salar</i>), Coho(=Silver) salmon (<i>Oncorhynchus kisutch</i>), Rainbow trout (<i>Oncorhynchus mykiss</i>)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: none provided, Licenses: none provided, Participants: 11, Aquaculture Facilities: 40	EEZ,(FAO:87 Pacific Southeast),87.3.12,REGIÓ N DE AYSÉN DEL GENERAL CARLOS IBÁÑEZ DEL CAMPO; COMUNA DE AISEN; ACS 28B	Antarctic minke whale (UNKNOWN) Blue whale (UNKNOWN) Burmeister's porpoise (UNKNOWN) Chilean dolphin (Chilean north stock) Chungungo, marine otter (UNKNOWN) Commerson's dolphin (UNKNOWN) Common bottlenose dolphin (UNKNOWN) Cuvier's beaked whale, goose-beaked whale (UNKNOWN) Dusky dolphin (UNKNOWN) False killer whale (UNKNOWN) Fin whale (UNKNOWN) Humpback whale (UNKNOWN) Killer whale, orca (UNKNOWN) Leopard seal (UNKNOWN) Long-finned pilot whale (UNKNOWN) Peale's dolphin (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Sei whale (UNKNOWN) South American fur seal (Chilean north stock) South American sea lion (South American sea lion chilean stock) Southern bottlenose whale (UNKNOWN) Southern elephant seal (UNKNOWN) Southern right whale (Chile-Peru Subpopulation) Southern right-whale dolphin (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN) otter unspecified (UNKNOWN)	Antarctic minke whale (UNKNOWN): 0 Blue whale (UNKNOWN): 0 Burmeister's porpoise (UNKNOWN): 0 Chilean dolphin (Chilean north stock): 0 Chungungo, marine otter (UNKNOWN): 0 Commerson's dolphin (UNKNOWN): 0 Common bottlenose dolphin (UNKNOWN): 0 Cuvier's beaked whale, goose-beaked whale (UNKNOWN): 0 Dusky dolphin (UNKNOWN): 0 False killer whale (UNKNOWN): 0 Fin whale (UNKNOWN): 0 Humpback whale (UNKNOWN): 0 Killer whale, orca (UNKNOWN): 0 Leopard seal (UNKNOWN): 0 Long-finned pilot whale (UNKNOWN): 0 Peale's dolphin (UNKNOWN): 0 Risso's dolphin, grampus (UNKNOWN): 0 Sei whale (UNKNOWN): 0 South American fur seal (Chilean north stock): 0 South American sea lion (South American sea lion chilean stock): UNKNOWN Southern bottlenose whale (UNKNOWN): 0 Southern elephant seal (UNKNOWN): 0 Southern right whale (Chile-Peru Subpopulation): 0 Southern right-whale dolphin (UNKNOWN): 0 Sperm whale, cachalot (UNKNOWN): 0 Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN): 0 otter unspecified (UNKNOWN): 0 Antarctic minke whale (UNKNOWN): 0 Blue whale (UNKNOWN): 0 Burmeister's porpoise (UNKNOWN): 0 Chilean dolphin (Chilean north stock): 0 Chungungo, marine otter (UNKNOWN): 0 Commerson's dolphin (UNKNOWN): 0 Common bottlenose dolphin (UNKNOWN): 0 Cuvier's beaked whale, goose-beaked whale (UNKNOWN): 0 Dusky dolphin (UNKNOWN): 0 False killer whale (UNKNOWN): 0 Fin whale (UNKNOWN): 0 Humpback whale (UNKNOWN): 0 Killer whale, orca (UNKNOWN): 0 Leopard seal (UNKNOWN): 0 Long-finned pilot whale (UNKNOWN): 0 Peale's dolphin (UNKNOWN): 0 Risso's dolphin, grampus (UNKNOWN): 0 Sei whale (UNKNOWN): 0 South American fur seal (Chilean north stock): 0 South American sea lion (South American sea lion chilean stock): UNKNOWN Southern bottlenose whale (UNKNOWN): 0 Southern elephant seal (UNKNOWN): 0 Southern right whale (Chile-Peru Subpopulation): 0 Southern right-whale dolphin (UNKNOWN): 0 Sperm whale, cachalot (UNKNOWN): 0 Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN): 0 otter unspecified (UNKNOWN): 0	RFMO

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Atlantic salmon (<i>Salmo salar</i>), Coho(=Silver) salmon (<i>Oncorhynchus kisutch</i>), Rainbow trout (<i>Oncorhynchus mykiss</i>)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: none provided, Licenses: none provided, Participants: 7, Aquaculture Facilities: 16	EEZ,(FAO:87 Pacific Southeast),87.3.12,REGIÓ N DE AYSÉN DEL GENERAL CARLOS IBÁÑEZ DEL CAMPO; COMUNA DE AISEN; ACS 28A	Antarctic minke whale (UNKNOWN) Blue whale (UNKNOWN) Burmeister's porpoise (UNKNOWN) Chilean dolphin (Chilean north stock) Chungungo, marine otter (UNKNOWN) Commerson's dolphin (UNKNOWN) Common bottlenose dolphin (UNKNOWN) Cuvier's beaked whale, goose-beaked whale (UNKNOWN) Dusky dolphin (UNKNOWN) False killer whale (UNKNOWN) Fin whale (UNKNOWN) Humpback whale (UNKNOWN) Killer whale, orca (UNKNOWN) Leopard seal (UNKNOWN) Long-finned pilot whale (UNKNOWN) Peale's dolphin (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Sei whale (UNKNOWN) South American fur seal (Chilean north stock) South American sea lion (South American sea lion chilean stock) Southern bottlenose whale (UNKNOWN) Southern elephant seal (UNKNOWN) Southern right whale (Chile-Peru Subpopulation) Southern right-whale dolphin (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN) otter unspecified (UNKNOWN)	Antarctic minke whale (UNKNOWN): 0 Blue whale (UNKNOWN): 0 Burmeister's porpoise (UNKNOWN): 0 Chilean dolphin (Chilean north stock): 0 Chungungo, marine otter (UNKNOWN): 0 Commerson's dolphin (UNKNOWN): 0 Common bottlenose dolphin (UNKNOWN): 0 Cuvier's beaked whale, goose-beaked whale (UNKNOWN): 0 Dusky dolphin (UNKNOWN): 0 False killer whale (UNKNOWN): 0 Fin whale (UNKNOWN): 0 Humpback whale (UNKNOWN): 0 Killer whale, orca (UNKNOWN): 0 Leopard seal (UNKNOWN): 0 Long-finned pilot whale (UNKNOWN): 0 Peale's dolphin (UNKNOWN): 0 Risso's dolphin, grampus (UNKNOWN): 0 Sei whale (UNKNOWN): 0 South American fur seal (Chilean north stock): 0 South American sea lion (South American sea lion chilean stock): UNKNOWN Southern bottlenose whale (UNKNOWN): 0 Southern elephant seal (UNKNOWN): 0 Southern right whale (Chile-Peru Subpopulation): 0 Southern right-whale dolphin (UNKNOWN): 0 Sperm whale, cachalot (UNKNOWN): 0 Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN): 0 otter unspecified (UNKNOWN): 0 Antarctic minke whale (UNKNOWN): 0 Blue whale (UNKNOWN): 0 Burmeister's porpoise (UNKNOWN): 0 Chilean dolphin (Chilean north stock): 0 Chungungo, marine otter (UNKNOWN): 0 Commerson's dolphin (UNKNOWN): 0 Common bottlenose dolphin (UNKNOWN): 0 Cuvier's beaked whale, goose-beaked whale (UNKNOWN): 0 Dusky dolphin (UNKNOWN): 0 False killer whale (UNKNOWN): 0 Fin whale (UNKNOWN): 0 Humpback whale (UNKNOWN): 0 Killer whale, orca (UNKNOWN): 0 Leopard seal (UNKNOWN): 0 Long-finned pilot whale (UNKNOWN): 0 Peale's dolphin (UNKNOWN): 0 Risso's dolphin, grampus (UNKNOWN): 0 Sei whale (UNKNOWN): 0 South American fur seal (Chilean north stock): 0 South American sea lion (South American sea lion chilean stock): UNKNOWN Southern bottlenose whale (UNKNOWN): 0 Southern elephant seal (UNKNOWN): 0 Southern right whale (Chile-Peru Subpopulation): 0 Southern right-whale dolphin (UNKNOWN): 0 Sperm whale, cachalot (UNKNOWN): 0 Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN): 0 otter unspecified (UNKNOWN): 0	
Atlantic salmon (<i>Salmo salar</i>), Coho(=Silver) salmon (<i>Oncorhynchus kisutch</i>), Rainbow trout (<i>Oncorhynchus mykiss</i>)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: none provided, Licenses: none provided, Participants: 13, Aquaculture Facilities: 60	EEZ,(FAO:87 Pacific Southeast),87.3.12,REGIÓ N DE AYSÉN DEL GENERAL CARLOS IBÁÑEZ DEL CAMPO; COMUNAS DE GUAITECAS Y CISNES; ACS 18C	Antarctic minke whale (UNKNOWN) Blue whale (UNKNOWN) Burmeister's porpoise (UNKNOWN) Chilean dolphin (Chilean north stock) Chungungo, marine otter (UNKNOWN) Commerson's dolphin (UNKNOWN) Common bottlenose dolphin (UNKNOWN) Cuvier's beaked whale, goose-beaked whale (UNKNOWN) Dusky dolphin (UNKNOWN) False killer whale (UNKNOWN) Fin whale (UNKNOWN) Humpback whale (UNKNOWN) Killer whale, orca (UNKNOWN) Leopard seal (UNKNOWN) Long-finned pilot whale (UNKNOWN) Peale's dolphin (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Sei whale (UNKNOWN) South American fur seal (Chilean north stock) South American sea lion (South American sea lion chilean stock) Southern bottlenose whale (UNKNOWN) Southern elephant seal (UNKNOWN) Southern right whale (Chile-Peru Subpopulation) Southern right-whale dolphin (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN) otter unspecified (UNKNOWN)	Antarctic minke whale (UNKNOWN): 0 Blue whale (UNKNOWN): 0 Burmeister's porpoise (UNKNOWN): 0 Chilean dolphin (Chilean north stock): 0 Chungungo, marine otter (UNKNOWN): 0 Commerson's dolphin (UNKNOWN): 0 Common bottlenose dolphin (UNKNOWN): 0 Cuvier's beaked whale, goose-beaked whale (UNKNOWN): 0 Dusky dolphin (UNKNOWN): 0 False killer whale (UNKNOWN): 0 Fin whale (UNKNOWN): 0 Humpback whale (UNKNOWN): 0 Killer whale, orca (UNKNOWN): 0 Leopard seal (UNKNOWN): 0 Long-finned pilot whale (UNKNOWN): 0 Peale's dolphin (UNKNOWN): 0 Risso's dolphin, grampus (UNKNOWN): 0 Sei whale (UNKNOWN): 0 South American fur seal (Chilean north stock): 0 South American sea lion (South American sea lion chilean stock): UNKNOWN Southern bottlenose whale (UNKNOWN): 0 Southern elephant seal (UNKNOWN): 0 Southern right whale (Chile-Peru Subpopulation): 0 Southern right-whale dolphin (UNKNOWN): 0 Sperm whale, cachalot (UNKNOWN): 0 Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN): 0 otter unspecified (UNKNOWN): 0 Antarctic minke whale (UNKNOWN): 0 Blue whale (UNKNOWN): 0 Burmeister's porpoise (UNKNOWN): 0 Chilean dolphin (Chilean north stock): 0 Chungungo, marine otter (UNKNOWN): 0 Commerson's dolphin (UNKNOWN): 0 Common bottlenose dolphin (UNKNOWN): 0 Cuvier's beaked whale, goose-beaked whale (UNKNOWN): 0 Dusky dolphin (UNKNOWN): 0 False killer whale (UNKNOWN): 0 Fin whale (UNKNOWN): 0 Humpback whale (UNKNOWN): 0 Killer whale, orca (UNKNOWN): 0 Leopard seal (UNKNOWN): 0 Long-finned pilot whale (UNKNOWN): 0 Peale's dolphin (UNKNOWN): 0 Risso's dolphin, grampus (UNKNOWN): 0 Sei whale (UNKNOWN): 0 South American fur seal (Chilean north stock): 0 South American sea lion (South American sea lion chilean stock): UNKNOWN Southern bottlenose whale (UNKNOWN): 0 Southern elephant seal (UNKNOWN): 0 Southern right whale (Chile-Peru Subpopulation): 0 Southern right-whale dolphin (UNKNOWN): 0 Sperm whale, cachalot (UNKNOWN): 0 Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN): 0 otter unspecified (UNKNOWN): 0	

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates RFMO
Atlantic salmon (<i>Salmo salar</i>), Coho(=Silver) salmon (<i>Oncorhynchus kisutch</i>), Rainbow trout (<i>Oncorhynchus mykiss</i>)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: none provided, Licenses: none provided, Participants: 1, Aquaculture Facilities: 1	EEZ,(FAO:87 Pacific Southeast),87.3.13,REGIÓ N DE MAGALLANES Y DE LA ANTÁRTICA CHILENA; COMUNA DE CABO DE HORNOS; ACS 61	Antarctic minke whale (UNKNOWN) Arnoux's beaked whale (UNKNOWN) Blue whale (UNKNOWN) Burmeister's porpoise (UNKNOWN) Chilean dolphin (Chilean north stock) Chungungo, marine otter (UNKNOWN) Commerson's dolphin (UNKNOWN) Cuvier's beaked whale, goose-beaked whale (UNKNOWN) Dusky dolphin (UNKNOWN) False killer whale (UNKNOWN) Fin whale (UNKNOWN) Gray's beaked whale (UNKNOWN) Hector's beaked whale (UNKNOWN) Humpback whale (UNKNOWN) Killer whale, orca (UNKNOWN) Leopard seal (UNKNOWN) Long-finned pilot whale (UNKNOWN) Peale's dolphin (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Sei whale (UNKNOWN) Shepherd's beaked whale, Tasman beaked whale (UNKNOWN) South American fur seal (Chilean north stock) South American sea lion (South American sea lion chilean stock) Southern bottlenose whale (UNKNOWN) Southern elephant seal (UNKNOWN) Southern right whale (Chile-Peru Subpopulation) Southern right-whale dolphin (UNKNOWN) Spectacled porpoise (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN) Subantarctic fur seal (UNKNOWN) otter unspecified (UNKNOWN)	Antarctic minke whale (UNKNOWN): 0 Arnoux's beaked whale (UNKNOWN): 0 Blue whale (UNKNOWN): 0 Burmeister's porpoise (UNKNOWN): 0 Chilean dolphin (Chilean north stock): 0 Chungungo, marine otter (UNKNOWN): 0 Commerson's dolphin (UNKNOWN): 0 Cuvier's beaked whale, goose-beaked whale (UNKNOWN): 0 Dusky dolphin (UNKNOWN): 0 False killer whale (UNKNOWN): 0 Fin whale (UNKNOWN): 0 Gray's beaked whale (UNKNOWN): 0 Hector's beaked whale (UNKNOWN): 0 Humpback whale (UNKNOWN): 0 Killer whale, orca (UNKNOWN): 0 Leopard seal (UNKNOWN): 0 Long-finned pilot whale (UNKNOWN): 0 Peale's dolphin (UNKNOWN): 0 Risso's dolphin, grampus (UNKNOWN): 0 Sei whale (UNKNOWN): 0 Shepherd's beaked whale, Tasman beaked whale (UNKNOWN): 0 South American fur seal (Chilean north stock): 0 South American sea lion (South American sea lion chilean stock): UNKNOWN Southern bottlenose whale (UNKNOWN): 0 Southern elephant seal (UNKNOWN): 0 Southern right whale (Chile-Peru Subpopulation): 0 Southern right-whale dolphin (UNKNOWN): 0 Spectacled porpoise (UNKNOWN): 0 Sperm whale, cachalot (UNKNOWN): 0 Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN): 0 Subantarctic fur seal (UNKNOWN): 0 otter unspecified (UNKNOWN): 0
Atlantic salmon (<i>Salmo salar</i>), Coho(=Silver) salmon (<i>Oncorhynchus kisutch</i>), Rainbow trout (<i>Oncorhynchus mykiss</i>)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: none provided, Licenses: none provided, Participants: 1, Aquaculture Facilities: 3	EEZ,(FAO:87 Pacific Southeast),87.3.13,REGIÓ N DE MAGALLANES Y DE LA ANTÁRTICA CHILENA; COMUNA DE CABO DE HORNOS; ACS 62	Antarctic minke whale (UNKNOWN) Arnoux's beaked whale (UNKNOWN) Blue whale (UNKNOWN) Burmeister's porpoise (UNKNOWN) Chilean dolphin (Chilean north stock) Chungungo, marine otter (UNKNOWN) Commerson's dolphin (UNKNOWN) Cuvier's beaked whale, goose-beaked whale (UNKNOWN) Dusky dolphin (UNKNOWN) False killer whale (UNKNOWN) Fin whale (UNKNOWN) Gray's beaked whale (UNKNOWN) Hector's beaked whale (UNKNOWN) Humpback whale (UNKNOWN) Killer whale, orca (UNKNOWN) Leopard seal (UNKNOWN) Long-finned pilot whale (UNKNOWN) Peale's dolphin (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Sei whale (UNKNOWN) Shepherd's beaked whale, Tasman beaked whale (UNKNOWN) South American fur seal (Chilean north stock) South American sea lion (South American sea lion chilean stock) Southern bottlenose whale (UNKNOWN) Southern elephant seal (UNKNOWN) Southern right whale (Chile-Peru Subpopulation) Southern right-whale dolphin (UNKNOWN) Spectacled porpoise (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN) Subantarctic fur seal (UNKNOWN) otter unspecified (UNKNOWN)	Antarctic minke whale (UNKNOWN): 0 Arnoux's beaked whale (UNKNOWN): 0 Blue whale (UNKNOWN): 0 Burmeister's porpoise (UNKNOWN): 0 Chilean dolphin (Chilean north stock): 0 Chungungo, marine otter (UNKNOWN): 0 Commerson's dolphin (UNKNOWN): 0 Cuvier's beaked whale, goose-beaked whale (UNKNOWN): 0 Dusky dolphin (UNKNOWN): 0 False killer whale (UNKNOWN): 0 Fin whale (UNKNOWN): 0 Gray's beaked whale (UNKNOWN): 0 Hector's beaked whale (UNKNOWN): 0 Humpback whale (UNKNOWN): 0 Killer whale, orca (UNKNOWN): 0 Leopard seal (UNKNOWN): 0 Long-finned pilot whale (UNKNOWN): 0 Peale's dolphin (UNKNOWN): 0 Risso's dolphin, grampus (UNKNOWN): 0 Sei whale (UNKNOWN): 0 Shepherd's beaked whale, Tasman beaked whale (UNKNOWN): 0 South American fur seal (Chilean north stock): 0 South American sea lion (South American sea lion chilean stock): UNKNOWN Southern bottlenose whale (UNKNOWN): 0 Southern elephant seal (UNKNOWN): 0 Southern right whale (Chile-Peru Subpopulation): 0 Southern right-whale dolphin (UNKNOWN): 0 Spectacled porpoise (UNKNOWN): 0 Sperm whale, cachalot (UNKNOWN): 0 Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN): 0 Subantarctic fur seal (UNKNOWN): 0 otter unspecified (UNKNOWN): 0
Atlantic salmon (<i>Salmo salar</i>), Coho(=Silver) salmon (<i>Oncorhynchus kisutch</i>), Rainbow trout (<i>Oncorhynchus mykiss</i>)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: none provided, Licenses: none provided, Participants: 10, Aquaculture Facilities: 42	EEZ,(FAO:87 Pacific Southeast),87.3.11,REGIÓ N DE LOS LAGOS; COMUNAS DE CASTRO, CHONCHI, CURACO DE VELEZ, PUQUELDON, QUINCHAO; ACS 10A	Antarctic minke whale (UNKNOWN) Blainville's beaked whale (UNKNOWN) Blue whale (UNKNOWN) Burmeister's porpoise (UNKNOWN) Chilean dolphin (Chilean north stock) Chungungo, marine otter (UNKNOWN) Commerson's dolphin (UNKNOWN) Common bottlenose dolphin (UNKNOWN) Common dolphin, saddleback dolphin (UNKNOWN) Cuvier's beaked whale, goose-beaked whale (UNKNOWN) Dusky dolphin (UNKNOWN) False killer whale (UNKNOWN) Fin whale (UNKNOWN) Humpback whale (UNKNOWN) Killer whale, orca (UNKNOWN) Long-finned pilot whale (UNKNOWN) Peale's dolphin (UNKNOWN) Pygmy right whale (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Sei whale (UNKNOWN) Short-finned pilot whale (UNKNOWN) South American fur seal (Chilean north stock) South American sea lion (South American sea lion chilean stock) Southern bottlenose whale (UNKNOWN) Southern elephant seal (UNKNOWN) Southern right whale (Chile-Peru Subpopulation) Southern right-whale dolphin (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Subantarctic fur seal (UNKNOWN) otter unspecified (UNKNOWN)	Antarctic minke whale (UNKNOWN): 0 Blainville's beaked whale (UNKNOWN): 0 Blue whale (UNKNOWN): 0 Burmeister's porpoise (UNKNOWN): 0 Chilean dolphin (Chilean north stock): 0 Chungungo, marine otter (UNKNOWN): 0 Commerson's dolphin (UNKNOWN): 0 Common bottlenose dolphin (UNKNOWN): 0 Common dolphin, saddleback dolphin (UNKNOWN): 0 Cuvier's beaked whale, goose-beaked whale (UNKNOWN): 0 Dusky dolphin (UNKNOWN): 0 False killer whale (UNKNOWN): 0 Fin whale (UNKNOWN): 0 Humpback whale (UNKNOWN): 0 Killer whale, orca (UNKNOWN): 0 Long-finned pilot whale (UNKNOWN): 0 Peale's dolphin (UNKNOWN): 0 Pygmy right whale (UNKNOWN): 0 Risso's dolphin, grampus (UNKNOWN): 0 Sei whale (UNKNOWN): 0 Short-finned pilot whale (UNKNOWN): 0 South American fur seal (Chilean north stock): 0 South American sea lion (South American sea lion chilean stock): UNKNOWN Southern bottlenose whale (UNKNOWN): 0 Southern elephant seal (UNKNOWN): 0 Southern right whale (Chile-Peru Subpopulation): 0 Southern right-whale dolphin (UNKNOWN): 0 Sperm whale, cachalot (UNKNOWN): 0 Subantarctic fur seal (UNKNOWN): 0 otter unspecified (UNKNOWN): 0

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Atlantic salmon (<i>Salmo salar</i>), Coho(=Silver) salmon (<i>Oncorhynchus kisutch</i>), Rainbow trout (<i>Oncorhynchus mykiss</i>)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: none provided, Licenses: none provided, Participants: 5, Aquaculture Facilities: 10	EEZ,(FAO:87 Pacific Southeast),87.3.12,REGIÓ N DE AYSÉN DEL GENERAL CARLOS IBÁÑEZ DEL CAMPO; COMUNA DE AISEN; ACS 26B	Antarctic minke whale (UNKNOWN) Blue whale (UNKNOWN) Burmeister's porpoise (UNKNOWN) Chilean dolphin (Chilean north stock) Chungungo, marine otter (UNKNOWN) Commerson's dolphin (UNKNOWN) Common bottlenose dolphin (UNKNOWN) Cuvier's beaked whale, goose-beaked whale (UNKNOWN) Dusky dolphin (UNKNOWN) False killer whale (UNKNOWN) Fin whale (UNKNOWN) Humpback whale (UNKNOWN) Killer whale, orca (UNKNOWN) Leopard seal (UNKNOWN) Long-finned pilot whale (UNKNOWN) Peale's dolphin (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Sei whale (UNKNOWN) South American fur seal (Chilean north stock) South American sea lion (South American sea lion chilean stock) Southern bottlenose whale (UNKNOWN) Southern elephant seal (UNKNOWN) Southern right whale (Chile-Peru Subpopulation) Southern right-whale dolphin (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN) otter unspecified (UNKNOWN)	Antarctic minke whale (UNKNOWN): 0 Blue whale (UNKNOWN): 0 Burmeister's porpoise (UNKNOWN): 0 Chilean dolphin (Chilean north stock): 0 Chungungo, marine otter (UNKNOWN): 0 Commerson's dolphin (UNKNOWN): 0 Common bottlenose dolphin (UNKNOWN): 0 Cuvier's beaked whale, goose-beaked whale (UNKNOWN): 0 Dusky dolphin (UNKNOWN): 0 False killer whale (UNKNOWN): 0 Fin whale (UNKNOWN): 0 Humpback whale (UNKNOWN): 0 Killer whale, orca (UNKNOWN): 0 Leopard seal (UNKNOWN): 0 Long-finned pilot whale (UNKNOWN): 0 Peale's dolphin (UNKNOWN): 0 Risso's dolphin, grampus (UNKNOWN): 0 Sei whale (UNKNOWN): 0 South American fur seal (Chilean north stock): 0 South American sea lion (South American sea lion chilean stock): UNKNOWN	RFMO
Atlantic salmon (<i>Salmo salar</i>), Coho(=Silver) salmon (<i>Oncorhynchus kisutch</i>), Rainbow trout (<i>Oncorhynchus mykiss</i>)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: none provided, Licenses: none provided, Participants: 4, Aquaculture Facilities: 5	EEZ,(FAO:87 Pacific Southeast),87.3.12,REGIÓ N DE AYSÉN DEL GENERAL CARLOS IBÁÑEZ DEL CAMPO; COMUNA DE AISEN; ACS 26A	Antarctic minke whale (UNKNOWN) Blue whale (UNKNOWN) Burmeister's porpoise (UNKNOWN) Chilean dolphin (Chilean north stock) Chungungo, marine otter (UNKNOWN) Commerson's dolphin (UNKNOWN) Common bottlenose dolphin (UNKNOWN) Cuvier's beaked whale, goose-beaked whale (UNKNOWN) Dusky dolphin (UNKNOWN) False killer whale (UNKNOWN) Fin whale (UNKNOWN) Humpback whale (UNKNOWN) Killer whale, orca (UNKNOWN) Leopard seal (UNKNOWN) Long-finned pilot whale (UNKNOWN) Peale's dolphin (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Sei whale (UNKNOWN) South American fur seal (Chilean north stock) South American sea lion (South American sea lion chilean stock) Southern bottlenose whale (UNKNOWN) Southern elephant seal (UNKNOWN) Southern right whale (Chile-Peru Subpopulation) Southern right-whale dolphin (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN) otter unspecified (UNKNOWN)	Antarctic minke whale (UNKNOWN): 0 Blue whale (UNKNOWN): 0 Burmeister's porpoise (UNKNOWN): 0 Chilean dolphin (Chilean north stock): 0 Chungungo, marine otter (UNKNOWN): 0 Commerson's dolphin (UNKNOWN): 0 Common bottlenose dolphin (UNKNOWN): 0 Cuvier's beaked whale, goose-beaked whale (UNKNOWN): 0 Dusky dolphin (UNKNOWN): 0 False killer whale (UNKNOWN): 0 Fin whale (UNKNOWN): 0 Humpback whale (UNKNOWN): 0 Killer whale, orca (UNKNOWN): 0 Leopard seal (UNKNOWN): 0 Long-finned pilot whale (UNKNOWN): 0 Peale's dolphin (UNKNOWN): 0 Risso's dolphin, grampus (UNKNOWN): 0 Sei whale (UNKNOWN): 0 South American fur seal (Chilean north stock): 0 South American sea lion (South American sea lion chilean stock): UNKNOWN Southern bottlenose whale (UNKNOWN): 0 Southern elephant seal (UNKNOWN): 0 Southern right whale (Chile-Peru Subpopulation): 0 Southern right-whale dolphin (UNKNOWN): 0 Sperm whale, cachalot (UNKNOWN): 0 Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN): 0	RFMO

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Atlantic salmon (<i>Salmo salar</i>), Coho(=Silver) salmon (<i>Oncorhynchus kisutch</i>), Rainbow trout (<i>Oncorhynchus mykiss</i>)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: none provided, Licenses: none provided, Participants: 1, Aquaculture Facilities: 10	EEZ,(FAO:87 Pacific Southeast),87.3.12,REGIÓ N DE AYSÉN DEL GENERAL CARLOS IBÁÑEZ DEL CAMPO; COMUNA DE AISEN; ACS 25B	Antarctic minke whale (UNKNOWN) Blue whale (UNKNOWN) Burmeister's porpoise (UNKNOWN) Chilean dolphin (Chilean north stock) Chungungo, marine otter (UNKNOWN) Commerson's dolphin (UNKNOWN) Common bottlenose dolphin (UNKNOWN) Cuvier's beaked whale, goose-beaked whale (UNKNOWN) Dusky dolphin (UNKNOWN) False killer whale (UNKNOWN) Fin whale (UNKNOWN) Humpback whale (UNKNOWN) Killer whale, orca (UNKNOWN) Leopard seal (UNKNOWN) Long-finned pilot whale (UNKNOWN) Peale's dolphin (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Sei whale (UNKNOWN) South American fur seal (Chilean north stock) South American sea lion (South American sea lion chilean stock) Southern bottlenose whale (UNKNOWN) Southern elephant seal (UNKNOWN) Southern right whale (Chile-Peru Subpopulation) Southern right-whale dolphin (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN) otter unspecified (UNKNOWN)	Antarctic minke whale (UNKNOWN): 0 Blue whale (UNKNOWN): 0 Burmeister's porpoise (UNKNOWN): 0 Chilean dolphin (Chilean north stock): 0 Chungungo, marine otter (UNKNOWN): 0 Commerson's dolphin (UNKNOWN): 0 Common bottlenose dolphin (UNKNOWN): 0 Cuvier's beaked whale, goose-beaked whale (UNKNOWN): 0 Dusky dolphin (UNKNOWN): 0 False killer whale (UNKNOWN): 0 Fin whale (UNKNOWN): 0 Humpback whale (UNKNOWN): 0 Killer whale, orca (UNKNOWN): 0 Leopard seal (UNKNOWN): 0 Long-finned pilot whale (UNKNOWN): 0 Peale's dolphin (UNKNOWN): 0 Risso's dolphin, grampus (UNKNOWN): 0 Sei whale (UNKNOWN): 0 South American fur seal (Chilean north stock): 0 South American sea lion (South American sea lion chilean stock): UNKNOWN Southern bottlenose whale (UNKNOWN): 0 Southern elephant seal (UNKNOWN): 0 Southern right whale (Chile-Peru Subpopulation): 0 Southern right-whale dolphin (UNKNOWN): 0 Sperm whale, cachalot (UNKNOWN): 0 Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN): 0 Antarctic minke whale (UNKNOWN): 0 Blue whale (UNKNOWN): 0 Burmeister's porpoise (UNKNOWN): 0 Chilean dolphin (Chilean north stock): 0 Chungungo, marine otter (UNKNOWN): 0 Commerson's dolphin (UNKNOWN): 0 Common bottlenose dolphin (UNKNOWN): 0 Cuvier's beaked whale, goose-beaked whale (UNKNOWN): 0 Dusky dolphin (UNKNOWN): 0 False killer whale (UNKNOWN): 0 Fin whale (UNKNOWN): 0 Humpback whale (UNKNOWN): 0 Killer whale, orca (UNKNOWN): 0 Leopard seal (UNKNOWN): 0 Long-finned pilot whale (UNKNOWN): 0 Peale's dolphin (UNKNOWN): 0 Risso's dolphin, grampus (UNKNOWN): 0 Sei whale (UNKNOWN): 0 South American fur seal (Chilean north stock): 0 South American sea lion (South American sea lion chilean stock): UNKNOWN Southern bottlenose whale (UNKNOWN): 0 Southern elephant seal (UNKNOWN): 0 Southern right whale (Chile-Peru Subpopulation): 0 Southern right-whale dolphin (UNKNOWN): 0 Sperm whale, cachalot (UNKNOWN): 0 Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN): 0	RFMO
Atlantic salmon (<i>Salmo salar</i>), Coho(=Silver) salmon (<i>Oncorhynchus kisutch</i>), Rainbow trout (<i>Oncorhynchus mykiss</i>)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: none provided, Licenses: none provided, Participants: 2, Aquaculture Facilities: 10	EEZ,(FAO:87 Pacific Southeast),87.3.12,REGIÓ N DE AYSÉN DEL GENERAL CARLOS IBÁÑEZ DEL CAMPO; COMUNA DE AISEN; ACS 25A	Antarctic minke whale (UNKNOWN) Blue whale (UNKNOWN) Burmeister's porpoise (UNKNOWN) Chilean dolphin (Chilean north stock) Chungungo, marine otter (UNKNOWN) Commerson's dolphin (UNKNOWN) Common bottlenose dolphin (UNKNOWN) Cuvier's beaked whale, goose-beaked whale (UNKNOWN) Dusky dolphin (UNKNOWN) False killer whale (UNKNOWN) Fin whale (UNKNOWN) Humpback whale (UNKNOWN) Killer whale, orca (UNKNOWN) Leopard seal (UNKNOWN) Long-finned pilot whale (UNKNOWN) Peale's dolphin (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Sei whale (UNKNOWN) South American fur seal (Chilean north stock) South American sea lion (South American sea lion chilean stock) Southern bottlenose whale (UNKNOWN) Southern elephant seal (UNKNOWN) Southern right whale (Chile-Peru Subpopulation) Southern right-whale dolphin (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN) otter unspecified (UNKNOWN)	Antarctic minke whale (UNKNOWN): 0 Blue whale (UNKNOWN): 0 Burmeister's porpoise (UNKNOWN): 0 Chilean dolphin (Chilean north stock): 0 Chungungo, marine otter (UNKNOWN): 0 Commerson's dolphin (UNKNOWN): 0 Common bottlenose dolphin (UNKNOWN): 0 Cuvier's beaked whale, goose-beaked whale (UNKNOWN): 0 Dusky dolphin (UNKNOWN): 0 False killer whale (UNKNOWN): 0 Fin whale (UNKNOWN): 0 Humpback whale (UNKNOWN): 0 Killer whale, orca (UNKNOWN): 0 Leopard seal (UNKNOWN): 0 Long-finned pilot whale (UNKNOWN): 0 Peale's dolphin (UNKNOWN): 0 Risso's dolphin, grampus (UNKNOWN): 0 Sei whale (UNKNOWN): 0 South American fur seal (Chilean north stock): 0 South American sea lion (South American sea lion chilean stock): UNKNOWN Southern bottlenose whale (UNKNOWN): 0 Southern elephant seal (UNKNOWN): 0 Southern right whale (Chile-Peru Subpopulation): 0 Southern right-whale dolphin (UNKNOWN): 0 Sperm whale, cachalot (UNKNOWN): 0 Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN): 0	RFMO

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Atlantic salmon (<i>Salmo salar</i>), Coho(=Silver) salmon (<i>Oncorhynchus kisutch</i>), Rainbow trout (<i>Oncorhynchus mykiss</i>)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: none provided, Licenses: none provided, Participants: 6, Aquaculture Facilities: 22	EEZ,(FAO:87 Pacific Southeast),87.3.12,REGIÓ N DE AYSÉN DEL GENERAL CARLOS IBÁÑEZ DEL CAMPO; COMUNA DE AISEN; ACS 23C	Antarctic minke whale (UNKNOWN) Blue whale (UNKNOWN) Burmeister's porpoise (UNKNOWN) Chilean dolphin (Chilean north stock) Chungungo, marine otter (UNKNOWN) Commerson's dolphin (UNKNOWN) Common bottlenose dolphin (UNKNOWN) Cuvier's beaked whale, goose-beaked whale (UNKNOWN) Dusky dolphin (UNKNOWN) False killer whale (UNKNOWN) Fin whale (UNKNOWN) Humpback whale (UNKNOWN) Killer whale, orca (UNKNOWN) Leopard seal (UNKNOWN) Long-finned pilot whale (UNKNOWN) Peale's dolphin (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Sei whale (UNKNOWN) South American fur seal (Chilean north stock) South American sea lion (South American sea lion chilean stock) Southern bottlenose whale (UNKNOWN) Southern elephant seal (UNKNOWN) Southern right whale (Chile-Peru Subpopulation) Southern right-whale dolphin (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN) otter unspecified (UNKNOWN)	Antarctic minke whale (UNKNOWN): 0 Blue whale (UNKNOWN): 0 Burmeister's porpoise (UNKNOWN): 0 Chilean dolphin (Chilean north stock): 0 Chungungo, marine otter (UNKNOWN): 0 Commerson's dolphin (UNKNOWN): 0 Common bottlenose dolphin (UNKNOWN): 0 Cuvier's beaked whale, goose-beaked whale (UNKNOWN): 0 Dusky dolphin (UNKNOWN): 0 False killer whale (UNKNOWN): 0 Fin whale (UNKNOWN): 0 Humpback whale (UNKNOWN): 0 Killer whale, orca (UNKNOWN): 0 Leopard seal (UNKNOWN): 0 Long-finned pilot whale (UNKNOWN): 0 Peale's dolphin (UNKNOWN): 0 Risso's dolphin, grampus (UNKNOWN): 0 Sei whale (UNKNOWN): 0 South American fur seal (Chilean north stock): 0 South American sea lion (South American sea lion chilean stock): UNKNOWN Southern bottlenose whale (UNKNOWN): 0 Southern elephant seal (UNKNOWN): 0 Southern right whale (Chile-Peru Subpopulation): 0 Southern right-whale dolphin (UNKNOWN): 0 Sperm whale, cachalot (UNKNOWN): 0 Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN): 0 otter unspecified (UNKNOWN): 0 Antarctic minke whale (UNKNOWN): 0 Blue whale (UNKNOWN): 0 Burmeister's porpoise (UNKNOWN): 0 Chilean dolphin (Chilean north stock): 0 Chungungo, marine otter (UNKNOWN): 0 Commerson's dolphin (UNKNOWN): 0 Common bottlenose dolphin (UNKNOWN): 0 Cuvier's beaked whale, goose-beaked whale (UNKNOWN): 0 Dusky dolphin (UNKNOWN): 0 False killer whale (UNKNOWN): 0 Fin whale (UNKNOWN): 0 Humpback whale (UNKNOWN): 0 Killer whale, orca (UNKNOWN): 0 Leopard seal (UNKNOWN): 0 Long-finned pilot whale (UNKNOWN): 0 Peale's dolphin (UNKNOWN): 0 Risso's dolphin, grampus (UNKNOWN): 0 Sei whale (UNKNOWN): 0 South American fur seal (Chilean north stock): 0 South American sea lion (South American sea lion chilean stock): UNKNOWN Southern bottlenose whale (UNKNOWN): 0 Southern elephant seal (UNKNOWN): 0 Southern right whale (Chile-Peru Subpopulation): 0 Southern right-whale dolphin (UNKNOWN): 0 Sperm whale, cachalot (UNKNOWN): 0 Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN): 0 otter unspecified (UNKNOWN): 0	RFMO
Atlantic salmon (<i>Salmo salar</i>), Coho(=Silver) salmon (<i>Oncorhynchus kisutch</i>), Rainbow trout (<i>Oncorhynchus mykiss</i>)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: none provided, Licenses: none provided, Participants: 2, Aquaculture Facilities: 24	EEZ,(FAO:87 Pacific Southeast),87.3.12,REGIÓ N DE AYSÉN DEL GENERAL CARLOS IBÁÑEZ DEL CAMPO; COMUNA DE AISEN; ACS 23B	Antarctic minke whale (UNKNOWN) Blue whale (UNKNOWN) Burmeister's porpoise (UNKNOWN) Chilean dolphin (Chilean north stock) Chungungo, marine otter (UNKNOWN) Commerson's dolphin (UNKNOWN) Common bottlenose dolphin (UNKNOWN) Cuvier's beaked whale, goose-beaked whale (UNKNOWN) Dusky dolphin (UNKNOWN) False killer whale (UNKNOWN) Fin whale (UNKNOWN) Humpback whale (UNKNOWN) Killer whale, orca (UNKNOWN) Leopard seal (UNKNOWN) Long-finned pilot whale (UNKNOWN) Peale's dolphin (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Sei whale (UNKNOWN) South American fur seal (Chilean north stock) South American sea lion (South American sea lion chilean stock) Southern bottlenose whale (UNKNOWN) Southern elephant seal (UNKNOWN) Southern right whale (Chile-Peru Subpopulation) Southern right-whale dolphin (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN) otter unspecified (UNKNOWN)	Antarctic minke whale (UNKNOWN): 0 Blue whale (UNKNOWN): 0 Burmeister's porpoise (UNKNOWN): 0 Chilean dolphin (Chilean north stock): 0 Chungungo, marine otter (UNKNOWN): 0 Commerson's dolphin (UNKNOWN): 0 Common bottlenose dolphin (UNKNOWN): 0 Cuvier's beaked whale, goose-beaked whale (UNKNOWN): 0 Dusky dolphin (UNKNOWN): 0 False killer whale (UNKNOWN): 0 Fin whale (UNKNOWN): 0 Humpback whale (UNKNOWN): 0 Killer whale, orca (UNKNOWN): 0 Leopard seal (UNKNOWN): 0 Long-finned pilot whale (UNKNOWN): 0 Peale's dolphin (UNKNOWN): 0 Risso's dolphin, grampus (UNKNOWN): 0 Sei whale (UNKNOWN): 0 South American fur seal (Chilean north stock): 0 South American sea lion (South American sea lion chilean stock): UNKNOWN Southern bottlenose whale (UNKNOWN): 0 Southern elephant seal (UNKNOWN): 0 Southern right whale (Chile-Peru Subpopulation): 0 Southern right-whale dolphin (UNKNOWN): 0 Sperm whale, cachalot (UNKNOWN): 0 Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN): 0 otter unspecified (UNKNOWN): 0	RFMO

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Atlantic salmon (<i>Salmo salar</i>), Coho(=Silver) salmon (<i>Oncorhynchus kisutch</i>), Rainbow trout (<i>Oncorhynchus mykiss</i>)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: none provided, Licenses: none provided, Participants: 6, Aquaculture Facilities: 14	EEZ,(FAO:87 Pacific Southeast),87.3.12,REGIÓ N DE AYSÉN DEL GENERAL CARLOS IBÁÑEZ DEL CAMPO; COMUNA DE AISEN; ACS 23A	Antarctic minke whale (UNKNOWN) Blue whale (UNKNOWN) Burmeister's porpoise (UNKNOWN) Chilean dolphin (Chilean north stock) Chungungo, marine otter (UNKNOWN) Commerson's dolphin (UNKNOWN) Common bottlenose dolphin (UNKNOWN) Cuvier's beaked whale, goose-beaked whale (UNKNOWN) Dusky dolphin (UNKNOWN) False killer whale (UNKNOWN) Fin whale (UNKNOWN) Humpback whale (UNKNOWN) Killer whale, orca (UNKNOWN) Leopard seal (UNKNOWN) Long-finned pilot whale (UNKNOWN) Peale's dolphin (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Sei whale (UNKNOWN) South American fur seal (Chilean north stock) South American sea lion (South American sea lion chilean stock) Southern bottlenose whale (UNKNOWN) Southern elephant seal (UNKNOWN) Southern right whale (Chile-Peru Subpopulation) Southern right-whale dolphin (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN) otter unspecified (UNKNOWN)	Antarctic minke whale (UNKNOWN): 0 Blue whale (UNKNOWN): 0 Burmeister's porpoise (UNKNOWN): 0 Chilean dolphin (Chilean north stock): 0 Chungungo, marine otter (UNKNOWN): 0 Commerson's dolphin (UNKNOWN): 0 Common bottlenose dolphin (UNKNOWN): 0 Cuvier's beaked whale, goose-beaked whale (UNKNOWN): 0 Dusky dolphin (UNKNOWN): 0 False killer whale (UNKNOWN): 0 Fin whale (UNKNOWN): 0 Humpback whale (UNKNOWN): 0 Killer whale, orca (UNKNOWN): 0 Leopard seal (UNKNOWN): 0 Long-finned pilot whale (UNKNOWN): 0 Peale's dolphin (UNKNOWN): 0 Risso's dolphin, grampus (UNKNOWN): 0 Sei whale (UNKNOWN): 0 South American fur seal (Chilean north stock): 0 South American sea lion (South American sea lion chilean stock): UNKNOWN Southern bottlenose whale (UNKNOWN): 0 Southern elephant seal (UNKNOWN): 0 Southern right whale (Chile-Peru Subpopulation): 0 Southern right-whale dolphin (UNKNOWN): 0 Sperm whale, cachalot (UNKNOWN): 0 Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN): 0 otter unspecified (UNKNOWN): 0 Antarctic minke whale (UNKNOWN): 0 Blue whale (UNKNOWN): 0 Burmeister's porpoise (UNKNOWN): 0 Chilean dolphin (Chilean north stock): 0 Chungungo, marine otter (UNKNOWN): 0 Commerson's dolphin (UNKNOWN): 0 Common bottlenose dolphin (UNKNOWN): 0 Cuvier's beaked whale, goose-beaked whale (UNKNOWN): 0 Dusky dolphin (UNKNOWN): 0 False killer whale (UNKNOWN): 0 Fin whale (UNKNOWN): 0 Humpback whale (UNKNOWN): 0 Killer whale, orca (UNKNOWN): 0 Leopard seal (UNKNOWN): 0 Long-finned pilot whale (UNKNOWN): 0 Peale's dolphin (UNKNOWN): 0 Risso's dolphin, grampus (UNKNOWN): 0 Sei whale (UNKNOWN): 0 South American fur seal (Chilean north stock): 0 South American sea lion (South American sea lion chilean stock): UNKNOWN Southern bottlenose whale (UNKNOWN): 0 Southern elephant seal (UNKNOWN): 0 Southern right whale (Chile-Peru Subpopulation): 0 Southern right-whale dolphin (UNKNOWN): 0 Sperm whale, cachalot (UNKNOWN): 0 Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN): 0 otter unspecified (UNKNOWN): 0	
Atlantic salmon (<i>Salmo salar</i>), Coho(=Silver) salmon (<i>Oncorhynchus kisutch</i>), Rainbow trout (<i>Oncorhynchus mykiss</i>)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: none provided, Licenses: none provided, Participants: 10, Aquaculture Facilities: 37	EEZ,(FAO:87 Pacific Southeast),87.3.12,REGIÓ N DE AYSÉN DEL GENERAL CARLOS IBÁÑEZ DEL CAMPO; COMUNA DE AISEN; ACS 22D	Antarctic minke whale (UNKNOWN) Blue whale (UNKNOWN) Burmeister's porpoise (UNKNOWN) Chilean dolphin (Chilean north stock) Chungungo, marine otter (UNKNOWN) Commerson's dolphin (UNKNOWN) Common bottlenose dolphin (UNKNOWN) Cuvier's beaked whale, goose-beaked whale (UNKNOWN) Dusky dolphin (UNKNOWN) False killer whale (UNKNOWN) Fin whale (UNKNOWN) Humpback whale (UNKNOWN) Killer whale, orca (UNKNOWN) Leopard seal (UNKNOWN) Long-finned pilot whale (UNKNOWN) Peale's dolphin (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Sei whale (UNKNOWN) South American fur seal (Chilean north stock) South American sea lion (South American sea lion chilean stock) Southern bottlenose whale (UNKNOWN) Southern elephant seal (UNKNOWN) Southern right whale (Chile-Peru Subpopulation) Southern right-whale dolphin (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN) otter unspecified (UNKNOWN)	Antarctic minke whale (UNKNOWN): 0 Blue whale (UNKNOWN): 0 Burmeister's porpoise (UNKNOWN): 0 Chilean dolphin (Chilean north stock): 0 Chungungo, marine otter (UNKNOWN): 0 Commerson's dolphin (UNKNOWN): 0 Common bottlenose dolphin (UNKNOWN): 0 Cuvier's beaked whale, goose-beaked whale (UNKNOWN): 0 Dusky dolphin (UNKNOWN): 0 False killer whale (UNKNOWN): 0 Fin whale (UNKNOWN): 0 Humpback whale (UNKNOWN): 0 Killer whale, orca (UNKNOWN): 0 Leopard seal (UNKNOWN): 0 Long-finned pilot whale (UNKNOWN): 0 Peale's dolphin (UNKNOWN): 0 Risso's dolphin, grampus (UNKNOWN): 0 Sei whale (UNKNOWN): 0 South American fur seal (Chilean north stock): 0 South American sea lion (South American sea lion chilean stock): UNKNOWN Southern bottlenose whale (UNKNOWN): 0 Southern elephant seal (UNKNOWN): 0 Southern right whale (Chile-Peru Subpopulation): 0 Southern right-whale dolphin (UNKNOWN): 0 Sperm whale, cachalot (UNKNOWN): 0 Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN): 0 otter unspecified (UNKNOWN): 0 Antarctic minke whale (UNKNOWN): 0 Blue whale (UNKNOWN): 0 Burmeister's porpoise (UNKNOWN): 0 Chilean dolphin (Chilean north stock): 0 Chungungo, marine otter (UNKNOWN): 0 Commerson's dolphin (UNKNOWN): 0 Common bottlenose dolphin (UNKNOWN): 0 Cuvier's beaked whale, goose-beaked whale (UNKNOWN): 0 Dusky dolphin (UNKNOWN): 0 False killer whale (UNKNOWN): 0 Fin whale (UNKNOWN): 0 Humpback whale (UNKNOWN): 0 Killer whale, orca (UNKNOWN): 0 Leopard seal (UNKNOWN): 0 Long-finned pilot whale (UNKNOWN): 0 Peale's dolphin (UNKNOWN): 0 Risso's dolphin, grampus (UNKNOWN): 0 Sei whale (UNKNOWN): 0 South American fur seal (Chilean north stock): 0 South American sea lion (South American sea lion chilean stock): UNKNOWN Southern bottlenose whale (UNKNOWN): 0 Southern elephant seal (UNKNOWN): 0 Southern right whale (Chile-Peru Subpopulation): 0 Southern right-whale dolphin (UNKNOWN): 0 Sperm whale, cachalot (UNKNOWN): 0 Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN): 0 otter unspecified (UNKNOWN): 0	

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Atlantic salmon (<i>Salmo salar</i>), Coho(=Silver) salmon (<i>Oncorhynchus kisutch</i>), Rainbow trout (<i>Oncorhynchus mykiss</i>)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: none provided, Licenses: none provided, Participants: 1, Aquaculture Facilities: 6	EEZ,(FAO:87 Pacific Southeast),87.3.12,REGIÓ N DE AYSÉN DEL GENERAL CARLOS IBÁÑEZ DEL CAMPO; COMUNA DE AISEN; ACS 22C	Antarctic minke whale (UNKNOWN) Blue whale (UNKNOWN) Burmeister's porpoise (UNKNOWN) Chilean dolphin (Chilean north stock) Chungungo, marine otter (UNKNOWN) Commerson's dolphin (UNKNOWN) Common bottlenose dolphin (UNKNOWN) Cuvier's beaked whale, goose-beaked whale (UNKNOWN) Dusky dolphin (UNKNOWN) False killer whale (UNKNOWN) Fin whale (UNKNOWN) Humpback whale (UNKNOWN) Killer whale, orca (UNKNOWN) Leopard seal (UNKNOWN) Long-finned pilot whale (UNKNOWN) Peale's dolphin (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Sei whale (UNKNOWN) South American fur seal (Chilean north stock) South American sea lion (South American sea lion chilean stock) Southern bottlenose whale (UNKNOWN) Southern elephant seal (UNKNOWN) Southern right whale (Chile-Peru Subpopulation) Southern right-whale dolphin (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN) otter unspecified (UNKNOWN)	Antarctic minke whale (UNKNOWN): 0 Blue whale (UNKNOWN): 0 Burmeister's porpoise (UNKNOWN): 0 Chilean dolphin (Chilean north stock): 0 Chungungo, marine otter (UNKNOWN): 0 Commerson's dolphin (UNKNOWN): 0 Common bottlenose dolphin (UNKNOWN): 0 Cuvier's beaked whale, goose-beaked whale (UNKNOWN): 0 Dusky dolphin (UNKNOWN): 0 False killer whale (UNKNOWN): 0 Fin whale (UNKNOWN): 0 Humpback whale (UNKNOWN): 0 Killer whale, orca (UNKNOWN): 0 Leopard seal (UNKNOWN): 0 Long-finned pilot whale (UNKNOWN): 0 Peale's dolphin (UNKNOWN): 0 Risso's dolphin, grampus (UNKNOWN): 0 Sei whale (UNKNOWN): 0 South American fur seal (Chilean north stock): 0 South American sea lion (South American sea lion chilean stock): UNKNOWN Southern bottlenose whale (UNKNOWN): 0 Southern elephant seal (UNKNOWN): 0 Southern right whale (Chile-Peru Subpopulation): 0 Southern right-whale dolphin (UNKNOWN): 0 Sperm whale, cachalot (UNKNOWN): 0 Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN): 0 Subantarctic fur seal (UNKNOWN): 0 Antarctic minke whale (UNKNOWN): 0 Blainville's beaked whale (UNKNOWN): 0 Blue whale (UNKNOWN): 0 Burmeister's porpoise (UNKNOWN): 0 Chilean dolphin (Chilean north stock): 0 Chungungo, marine otter (UNKNOWN): 0 Commerson's dolphin (UNKNOWN): 0 Common bottlenose dolphin (UNKNOWN): 0 Common dolphin, saddleback dolphin (UNKNOWN): 0 Cuvier's beaked whale, goose-beaked whale (UNKNOWN): 0 Dusky dolphin (UNKNOWN): 0 False killer whale (UNKNOWN): 0 Fin whale (UNKNOWN): 0 Humpback whale (UNKNOWN): 0 Killer whale, orca (UNKNOWN): 0 Long-finned pilot whale (UNKNOWN): 0 Peale's dolphin (UNKNOWN): 0 Pygmy right whale (UNKNOWN): 0 Risso's dolphin, grampus (UNKNOWN): 0 Sei whale (UNKNOWN): 0 Short-finned pilot whale (UNKNOWN): 0 South American fur seal (Chilean north stock): 0 South American sea lion (South American sea lion chilean stock): UNKNOWN Southern bottlenose whale (UNKNOWN): 0 Southern elephant seal (UNKNOWN): 0 Southern right whale (Chile-Peru Subpopulation): 0 Southern right-whale dolphin (UNKNOWN): 0 Sperm whale, cachalot (UNKNOWN): 0 Subantarctic fur seal (UNKNOWN): 0 otter unspecified (UNKNOWN): 0	RFMO
Atlantic salmon (<i>Salmo salar</i>), Coho(=Silver) salmon (<i>Oncorhynchus kisutch</i>), Rainbow trout (<i>Oncorhynchus mykiss</i>)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: none provided, Licenses: none provided, Participants: 7, Aquaculture Facilities: 14	EEZ,(FAO:87 Pacific Southeast),87.3.11,REGIÓ N DE LOS LAGOS; COMUNAS DE CHONCHI, PUQUELDON, QUEILEN; ACS 10B	Antarctic minke whale (UNKNOWN) Blainville's beaked whale (UNKNOWN) Blue whale (UNKNOWN) Burmeister's porpoise (UNKNOWN) Chilean dolphin (Chilean north stock) Chungungo, marine otter (UNKNOWN) Commerson's dolphin (UNKNOWN) Common bottlenose dolphin (UNKNOWN) Common dolphin, saddleback dolphin (UNKNOWN) Cuvier's beaked whale, goose-beaked whale (UNKNOWN) Dusky dolphin (UNKNOWN) False killer whale (UNKNOWN) Fin whale (UNKNOWN) Humpback whale (UNKNOWN) Killer whale, orca (UNKNOWN) Long-finned pilot whale (UNKNOWN) Peale's dolphin (UNKNOWN) Pygmy right whale (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Sei whale (UNKNOWN) Short-finned pilot whale (UNKNOWN) South American fur seal (Chilean north stock) South American sea lion (South American sea lion chilean stock) Southern bottlenose whale (UNKNOWN) Southern elephant seal (UNKNOWN) Southern right whale (Chile-Peru Subpopulation) Southern right-whale dolphin (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Subantarctic fur seal (UNKNOWN) otter unspecified (UNKNOWN)	Antarctic minke whale (UNKNOWN): 0 Blainville's beaked whale (UNKNOWN): 0 Blue whale (UNKNOWN): 0 Burmeister's porpoise (UNKNOWN): 0 Chilean dolphin (Chilean north stock): 0 Chungungo, marine otter (UNKNOWN): 0 Commerson's dolphin (UNKNOWN): 0 Common bottlenose dolphin (UNKNOWN): 0 Common dolphin, saddleback dolphin (UNKNOWN): 0 Cuvier's beaked whale, goose-beaked whale (UNKNOWN): 0 Dusky dolphin (UNKNOWN): 0 False killer whale (UNKNOWN): 0 Fin whale (UNKNOWN): 0 Humpback whale (UNKNOWN): 0 Killer whale, orca (UNKNOWN): 0 Long-finned pilot whale (UNKNOWN): 0 Peale's dolphin (UNKNOWN): 0 Pygmy right whale (UNKNOWN): 0 Risso's dolphin, grampus (UNKNOWN): 0 Sei whale (UNKNOWN): 0 Short-finned pilot whale (UNKNOWN): 0 South American fur seal (Chilean north stock): 0 South American sea lion (South American sea lion chilean stock): UNKNOWN Southern bottlenose whale (UNKNOWN): 0 Southern elephant seal (UNKNOWN): 0 Southern right whale (Chile-Peru Subpopulation): 0 Southern right-whale dolphin (UNKNOWN): 0 Sperm whale, cachalot (UNKNOWN): 0 Subantarctic fur seal (UNKNOWN): 0 otter unspecified (UNKNOWN): 0	

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Atlantic salmon (<i>Salmo salar</i>), Coho(=Silver) salmon (<i>Oncorhynchus kisutch</i>), Rainbow trout (<i>Oncorhynchus mykiss</i>)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: none provided, Licenses: none provided, Participants: 2, Aquaculture Facilities: 8	EEZ,(FAO:87 Pacific Southeast),87.3.12,REGIÓ N DE AYSÉN DEL GENERAL CARLOS IBÁÑEZ DEL CAMPO; COMUNA DE AISEN; ACS 22B	Antarctic minke whale (UNKNOWN) Blue whale (UNKNOWN) Burmeister's porpoise (UNKNOWN) Chilean dolphin (Chilean north stock) Chungungo, marine otter (UNKNOWN) Commerson's dolphin (UNKNOWN) Common bottlenose dolphin (UNKNOWN) Cuvier's beaked whale, goose-beaked whale (UNKNOWN) Dusky dolphin (UNKNOWN) False killer whale (UNKNOWN) Fin whale (UNKNOWN) Humpback whale (UNKNOWN) Killer whale, orca (UNKNOWN) Leopard seal (UNKNOWN) Long-finned pilot whale (UNKNOWN) Peale's dolphin (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Sei whale (UNKNOWN) South American fur seal (Chilean north stock) South American sea lion (South American sea lion chilean stock) Southern bottlenose whale (UNKNOWN) Southern elephant seal (UNKNOWN) Southern right whale (Chile-Peru Subpopulation) Southern right-whale dolphin (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN) otter unspecified (UNKNOWN)	Antarctic minke whale (UNKNOWN): 0 Blue whale (UNKNOWN): 0 Burmeister's porpoise (UNKNOWN): 0 Chilean dolphin (Chilean north stock): 0 Chungungo, marine otter (UNKNOWN): 0 Commerson's dolphin (UNKNOWN): 0 Common bottlenose dolphin (UNKNOWN): 0 Cuvier's beaked whale, goose-beaked whale (UNKNOWN): 0 Dusky dolphin (UNKNOWN): 0 False killer whale (UNKNOWN): 0 Fin whale (UNKNOWN): 0 Humpback whale (UNKNOWN): 0 Killer whale, orca (UNKNOWN): 0 Leopard seal (UNKNOWN): 0 Long-finned pilot whale (UNKNOWN): 0 Peale's dolphin (UNKNOWN): 0 Risso's dolphin, grampus (UNKNOWN): 0 Sei whale (UNKNOWN): 0 South American fur seal (Chilean north stock): 0 South American sea lion (South American sea lion chilean stock): UNKNOWN Southern bottlenose whale (UNKNOWN): 0 Southern elephant seal (UNKNOWN): 0 Southern right whale (Chile-Peru Subpopulation): 0 Southern right-whale dolphin (UNKNOWN): 0 Sperm whale, cachalot (UNKNOWN): 0 Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN): 0 Antarctic minke whale (UNKNOWN): 0 Blue whale (UNKNOWN): 0 Burmeister's porpoise (UNKNOWN): 0 Chilean dolphin (Chilean north stock): 0 Chungungo, marine otter (UNKNOWN): 0 Commerson's dolphin (UNKNOWN): 0 Common bottlenose dolphin (UNKNOWN): 0 Cuvier's beaked whale, goose-beaked whale (UNKNOWN): 0 Dusky dolphin (UNKNOWN): 0 False killer whale (UNKNOWN): 0 Fin whale (UNKNOWN): 0 Humpback whale (UNKNOWN): 0 Killer whale, orca (UNKNOWN): 0 Leopard seal (UNKNOWN): 0 Long-finned pilot whale (UNKNOWN): 0 Peale's dolphin (UNKNOWN): 0 Risso's dolphin, grampus (UNKNOWN): 0 Sei whale (UNKNOWN): 0 South American fur seal (Chilean north stock): 0 South American sea lion (South American sea lion chilean stock): UNKNOWN Southern bottlenose whale (UNKNOWN): 0 Southern elephant seal (UNKNOWN): 0 Southern right whale (Chile-Peru Subpopulation): 0 Southern right-whale dolphin (UNKNOWN): 0 Sperm whale, cachalot (UNKNOWN): 0 Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN): 0	
Atlantic salmon (<i>Salmo salar</i>), Coho(=Silver) salmon (<i>Oncorhynchus kisutch</i>), Rainbow trout (<i>Oncorhynchus mykiss</i>)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: none provided, Licenses: none provided, Participants: 7, Aquaculture Facilities: 15	EEZ,(FAO:87 Pacific Southeast),87.3.12,REGIÓ N DE AYSÉN DEL GENERAL CARLOS IBÁÑEZ DEL CAMPO; COMUNA DE AISEN; ACS 22A	Antarctic minke whale (UNKNOWN) Blue whale (UNKNOWN) Burmeister's porpoise (UNKNOWN) Chilean dolphin (Chilean north stock) Chungungo, marine otter (UNKNOWN) Commerson's dolphin (UNKNOWN) Common bottlenose dolphin (UNKNOWN) Cuvier's beaked whale, goose-beaked whale (UNKNOWN) Dusky dolphin (UNKNOWN) False killer whale (UNKNOWN) Fin whale (UNKNOWN) Humpback whale (UNKNOWN) Killer whale, orca (UNKNOWN) Leopard seal (UNKNOWN) Long-finned pilot whale (UNKNOWN) Peale's dolphin (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Sei whale (UNKNOWN) South American fur seal (Chilean north stock) South American sea lion (South American sea lion chilean stock) Southern bottlenose whale (UNKNOWN) Southern elephant seal (UNKNOWN) Southern right whale (Chile-Peru Subpopulation) Southern right-whale dolphin (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN) otter unspecified (UNKNOWN)	Antarctic minke whale (UNKNOWN): 0 Blue whale (UNKNOWN): 0 Burmeister's porpoise (UNKNOWN): 0 Chilean dolphin (Chilean north stock): 0 Chungungo, marine otter (UNKNOWN): 0 Commerson's dolphin (UNKNOWN): 0 Common bottlenose dolphin (UNKNOWN): 0 Cuvier's beaked whale, goose-beaked whale (UNKNOWN): 0 Dusky dolphin (UNKNOWN): 0 False killer whale (UNKNOWN): 0 Fin whale (UNKNOWN): 0 Humpback whale (UNKNOWN): 0 Killer whale, orca (UNKNOWN): 0 Leopard seal (UNKNOWN): 0 Long-finned pilot whale (UNKNOWN): 0 Peale's dolphin (UNKNOWN): 0 Risso's dolphin, grampus (UNKNOWN): 0 Sei whale (UNKNOWN): 0 South American fur seal (Chilean north stock): 0 South American sea lion (South American sea lion chilean stock): UNKNOWN Southern bottlenose whale (UNKNOWN): 0 Southern elephant seal (UNKNOWN): 0 Southern right whale (Chile-Peru Subpopulation): 0 Southern right-whale dolphin (UNKNOWN): 0 Sperm whale, cachalot (UNKNOWN): 0 Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN): 0	

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Atlantic salmon (<i>Salmo salar</i>), Coho(=Silver) salmon (<i>Oncorhynchus kisutch</i>), Rainbow trout (<i>Oncorhynchus mykiss</i>)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: none provided, Licenses: none provided, Participants: 5, Aquaculture Facilities: 20	EEZ,(FAO:87 Pacific Southeast),87.3.12,REGIÓ N DE AYSÉN DEL GENERAL CARLOS IBÁÑEZ DEL CAMPO; COMUNA DE CISNES; ACS 21D	Antarctic minke whale (UNKNOWN) Blue whale (UNKNOWN) Burmeister's porpoise (UNKNOWN) Chilean dolphin (Chilean north stock) Chungungo, marine otter (UNKNOWN) Commerson's dolphin (UNKNOWN) Common bottlenose dolphin (UNKNOWN) Cuvier's beaked whale, goose-beaked whale (UNKNOWN) Dusky dolphin (UNKNOWN) False killer whale (UNKNOWN) Fin whale (UNKNOWN) Humpback whale (UNKNOWN) Killer whale, orca (UNKNOWN) Leopard seal (UNKNOWN) Long-finned pilot whale (UNKNOWN) Peale's dolphin (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Sei whale (UNKNOWN) South American fur seal (Chilean north stock) South American sea lion (South American sea lion chilean stock) Southern bottlenose whale (UNKNOWN) Southern elephant seal (UNKNOWN) Southern right whale (Chile-Peru Subpopulation) Southern right-whale dolphin (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN) otter unspecified (UNKNOWN)	Antarctic minke whale (UNKNOWN): 0 Blue whale (UNKNOWN): 0 Burmeister's porpoise (UNKNOWN): 0 Chilean dolphin (Chilean north stock): 0 Chungungo, marine otter (UNKNOWN): 0 Commerson's dolphin (UNKNOWN): 0 Common bottlenose dolphin (UNKNOWN): 0 Cuvier's beaked whale, goose-beaked whale (UNKNOWN): 0 Dusky dolphin (UNKNOWN): 0 False killer whale (UNKNOWN): 0 Fin whale (UNKNOWN): 0 Humpback whale (UNKNOWN): 0 Killer whale, orca (UNKNOWN): 0 Leopard seal (UNKNOWN): 0 Long-finned pilot whale (UNKNOWN): 0 Peale's dolphin (UNKNOWN): 0 Risso's dolphin, grampus (UNKNOWN): 0 Sei whale (UNKNOWN): 0 South American fur seal (Chilean north stock): 0 South American sea lion (South American sea lion chilean stock): UNKNOWN Southern bottlenose whale (UNKNOWN): 0 Southern elephant seal (UNKNOWN): 0 Southern right whale (Chile-Peru Subpopulation): 0 Southern right-whale dolphin (UNKNOWN): 0 Sperm whale, cachalot (UNKNOWN): 0 Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN): 0 Subantarctic fur seal (UNKNOWN): 0 Antarctic minke whale (UNKNOWN): 0 Blainville's beaked whale (UNKNOWN): 0 Blue whale (UNKNOWN): 0 Burmeister's porpoise (UNKNOWN): 0 Chilean dolphin (Chilean north stock): 0 Chungungo, marine otter (UNKNOWN): 0 Commerson's dolphin (UNKNOWN): 0 Common bottlenose dolphin (UNKNOWN): 0 Common dolphin, saddleback dolphin (UNKNOWN): 0 Cuvier's beaked whale, goose-beaked whale (UNKNOWN): 0 Dusky dolphin (UNKNOWN): 0 False killer whale (UNKNOWN): 0 Fin whale (UNKNOWN): 0 Humpback whale (UNKNOWN): 0 Killer whale, orca (UNKNOWN): 0 Long-finned pilot whale (UNKNOWN): 0 Peale's dolphin (UNKNOWN): 0 Pygmy right whale (UNKNOWN): 0 Risso's dolphin, grampus (UNKNOWN): 0 Sei whale (UNKNOWN): 0 Short-finned pilot whale (UNKNOWN): 0 South American fur seal (Chilean north stock): 0 South American sea lion (South American sea lion chilean stock): UNKNOWN Southern bottlenose whale (UNKNOWN): 0 Southern elephant seal (UNKNOWN): 0 Southern right whale (Chile-Peru Subpopulation): 0 Southern right-whale dolphin (UNKNOWN): 0 Sperm whale, cachalot (UNKNOWN): 0 Subantarctic fur seal (UNKNOWN): 0 otter unspecified (UNKNOWN): 0	RFMO
Atlantic salmon (<i>Salmo salar</i>), Coho(=Silver) salmon (<i>Oncorhynchus kisutch</i>), Rainbow trout (<i>Oncorhynchus mykiss</i>)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: none provided, Licenses: none provided, Participants: 8, Aquaculture Facilities: 24	EEZ,(FAO:87 Pacific Southeast),87.3.11,REGIÓ N DE LOS LAGOS; COMUNA DE QUELLON; ACS 12A	Antarctic minke whale (UNKNOWN) Blainville's beaked whale (UNKNOWN) Blue whale (UNKNOWN) Burmeister's porpoise (UNKNOWN) Chilean dolphin (Chilean north stock) Chungungo, marine otter (UNKNOWN) Commerson's dolphin (UNKNOWN) Common bottlenose dolphin (UNKNOWN) Common dolphin, saddleback dolphin (UNKNOWN) Cuvier's beaked whale, goose-beaked whale (UNKNOWN) Dusky dolphin (UNKNOWN) False killer whale (UNKNOWN) Fin whale (UNKNOWN) Humpback whale (UNKNOWN) Killer whale, orca (UNKNOWN) Long-finned pilot whale (UNKNOWN) Peale's dolphin (UNKNOWN) Pygmy right whale (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Sei whale (UNKNOWN) Short-finned pilot whale (UNKNOWN) South American fur seal (Chilean north stock) South American sea lion (South American sea lion chilean stock) Southern bottlenose whale (UNKNOWN) Southern elephant seal (UNKNOWN) Southern right whale (Chile-Peru Subpopulation) Southern right-whale dolphin (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Subantarctic fur seal (UNKNOWN) otter unspecified (UNKNOWN)	Antarctic minke whale (UNKNOWN): 0 Blainville's beaked whale (UNKNOWN): 0 Blue whale (UNKNOWN): 0 Burmeister's porpoise (UNKNOWN): 0 Chilean dolphin (Chilean north stock): 0 Chungungo, marine otter (UNKNOWN): 0 Commerson's dolphin (UNKNOWN): 0 Common bottlenose dolphin (UNKNOWN): 0 Common dolphin, saddleback dolphin (UNKNOWN): 0 Cuvier's beaked whale, goose-beaked whale (UNKNOWN): 0 Dusky dolphin (UNKNOWN): 0 False killer whale (UNKNOWN): 0 Fin whale (UNKNOWN): 0 Humpback whale (UNKNOWN): 0 Killer whale, orca (UNKNOWN): 0 Long-finned pilot whale (UNKNOWN): 0 Peale's dolphin (UNKNOWN): 0 Pygmy right whale (UNKNOWN): 0 Risso's dolphin, grampus (UNKNOWN): 0 Sei whale (UNKNOWN): 0 Short-finned pilot whale (UNKNOWN): 0 South American fur seal (Chilean north stock): 0 South American sea lion (South American sea lion chilean stock): UNKNOWN Southern bottlenose whale (UNKNOWN): 0 Southern elephant seal (UNKNOWN): 0 Southern right whale (Chile-Peru Subpopulation): 0 Southern right-whale dolphin (UNKNOWN): 0 Sperm whale, cachalot (UNKNOWN): 0 Subantarctic fur seal (UNKNOWN): 0 otter unspecified (UNKNOWN): 0	RFMO

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Atlantic salmon (<i>Salmo salar</i>), Coho(=Silver) salmon (<i>Oncorhynchus kisutch</i>), Rainbow trout (<i>Oncorhynchus mykiss</i>)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: none provided, Licenses: none provided, Participants: 7, Aquaculture Facilities: 26	EEZ,(FAO:87 Pacific Southeast),87.3.12,REGIÓ N DE AYSÉN DEL GENERAL CARLOS IBÁÑEZ DEL CAMPO; COMUNA DE CISNES; ACS 18D	Antarctic minke whale (UNKNOWN) Blue whale (UNKNOWN) Burmeister's porpoise (UNKNOWN) Chilean dolphin (Chilean north stock) Chungungo, marine otter (UNKNOWN) Commerson's dolphin (UNKNOWN) Common bottlenose dolphin (UNKNOWN) Cuvier's beaked whale, goose-beaked whale (UNKNOWN) Dusky dolphin (UNKNOWN) False killer whale (UNKNOWN) Fin whale (UNKNOWN) Humpback whale (UNKNOWN) Killer whale, orca (UNKNOWN) Leopard seal (UNKNOWN) Long-finned pilot whale (UNKNOWN) Peale's dolphin (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Sei whale (UNKNOWN) South American fur seal (Chilean north stock) South American sea lion (South American sea lion chilean stock) Southern bottlenose whale (UNKNOWN) Southern elephant seal (UNKNOWN) Southern right whale (Chile-Peru Subpopulation) Southern right-whale dolphin (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN) otter unspecified (UNKNOWN)	Antarctic minke whale (UNKNOWN): 0 Blue whale (UNKNOWN): 0 Burmeister's porpoise (UNKNOWN): 0 Chilean dolphin (Chilean north stock): 0 Chungungo, marine otter (UNKNOWN): 0 Commerson's dolphin (UNKNOWN): 0 Common bottlenose dolphin (UNKNOWN): 0 Cuvier's beaked whale, goose-beaked whale (UNKNOWN): 0 Dusky dolphin (UNKNOWN): 0 False killer whale (UNKNOWN): 0 Fin whale (UNKNOWN): 0 Humpback whale (UNKNOWN): 0 Killer whale, orca (UNKNOWN): 0 Leopard seal (UNKNOWN): 0 Long-finned pilot whale (UNKNOWN): 0 Peale's dolphin (UNKNOWN): 0 Risso's dolphin, grampus (UNKNOWN): 0 Sei whale (UNKNOWN): 0 South American fur seal (Chilean north stock): 0 South American sea lion (South American sea lion chilean stock): UNKNOWN Southern bottlenose whale (UNKNOWN): 0 Southern elephant seal (UNKNOWN): 0 Southern right whale (Chile-Peru Subpopulation): 0 Southern right-whale dolphin (UNKNOWN): 0 Sperm whale, cachalot (UNKNOWN): 0 Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN): 0 Subantarctic fur seal (UNKNOWN): 0 Antarctic minke whale (UNKNOWN): 0 Blainville's beaked whale (UNKNOWN): 0 Blue whale (UNKNOWN): 0 Burmeister's porpoise (UNKNOWN): 0 Chilean dolphin (Chilean north stock): 0 Chungungo, marine otter (UNKNOWN): 0 Commerson's dolphin (UNKNOWN): 0 Common bottlenose dolphin (UNKNOWN): 0 Common dolphin, saddleback dolphin (UNKNOWN): 0 Cuvier's beaked whale, goose-beaked whale (UNKNOWN): 0 Dusky dolphin (UNKNOWN): 0 False killer whale (UNKNOWN): 0 Fin whale (UNKNOWN): 0 Humpback whale (UNKNOWN): 0 Killer whale, orca (UNKNOWN): 0 Long-finned pilot whale (UNKNOWN): 0 Peale's dolphin (UNKNOWN): 0 Pygmy right whale (UNKNOWN): 0 Risso's dolphin, grampus (UNKNOWN): 0 Sei whale (UNKNOWN): 0 Short-finned pilot whale (UNKNOWN): 0 South American fur seal (Chilean north stock): 0 South American sea lion (South American sea lion chilean stock): UNKNOWN Southern bottlenose whale (UNKNOWN): 0 Southern elephant seal (UNKNOWN): 0 Southern right whale (Chile-Peru Subpopulation): 0 Southern right-whale dolphin (UNKNOWN): 0 Sperm whale, cachalot (UNKNOWN): 0 Subantarctic fur seal (UNKNOWN): 0 otter unspecified (UNKNOWN): 0	RFMO
Atlantic salmon (<i>Salmo salar</i>), Coho(=Silver) salmon (<i>Oncorhynchus kisutch</i>), Rainbow trout (<i>Oncorhynchus mykiss</i>)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: none provided, Licenses: none provided, Participants: 3, Aquaculture Facilities: 9	EEZ,(FAO:87 Pacific Southeast),87.3.11,REGIÓ N DE LOS LAGOS; COMUNA DE QUELLON; ACS 12B	Antarctic minke whale (UNKNOWN) Blainville's beaked whale (UNKNOWN) Blue whale (UNKNOWN) Burmeister's porpoise (UNKNOWN) Chilean dolphin (Chilean north stock) Chungungo, marine otter (UNKNOWN) Commerson's dolphin (UNKNOWN) Common bottlenose dolphin (UNKNOWN) Common dolphin, saddleback dolphin (UNKNOWN) Cuvier's beaked whale, goose-beaked whale (UNKNOWN) Dusky dolphin (UNKNOWN) False killer whale (UNKNOWN) Fin whale (UNKNOWN) Humpback whale (UNKNOWN) Killer whale, orca (UNKNOWN) Long-finned pilot whale (UNKNOWN) Peale's dolphin (UNKNOWN) Pygmy right whale (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Sei whale (UNKNOWN) Short-finned pilot whale (UNKNOWN) South American fur seal (Chilean north stock) South American sea lion (South American sea lion chilean stock) Southern bottlenose whale (UNKNOWN) Southern elephant seal (UNKNOWN) Southern right whale (Chile-Peru Subpopulation) Southern right-whale dolphin (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Subantarctic fur seal (UNKNOWN) otter unspecified (UNKNOWN)	Antarctic minke whale (UNKNOWN): 0 Blainville's beaked whale (UNKNOWN): 0 Blue whale (UNKNOWN): 0 Burmeister's porpoise (UNKNOWN): 0 Chilean dolphin (Chilean north stock): 0 Chungungo, marine otter (UNKNOWN): 0 Commerson's dolphin (UNKNOWN): 0 Common bottlenose dolphin (UNKNOWN): 0 Common dolphin, saddleback dolphin (UNKNOWN): 0 Cuvier's beaked whale, goose-beaked whale (UNKNOWN): 0 Dusky dolphin (UNKNOWN): 0 False killer whale (UNKNOWN): 0 Fin whale (UNKNOWN): 0 Humpback whale (UNKNOWN): 0 Killer whale, orca (UNKNOWN): 0 Long-finned pilot whale (UNKNOWN): 0 Peale's dolphin (UNKNOWN): 0 Pygmy right whale (UNKNOWN): 0 Risso's dolphin, grampus (UNKNOWN): 0 Sei whale (UNKNOWN): 0 Short-finned pilot whale (UNKNOWN): 0 South American fur seal (Chilean north stock): 0 South American sea lion (South American sea lion chilean stock): UNKNOWN Southern bottlenose whale (UNKNOWN): 0 Southern elephant seal (UNKNOWN): 0 Southern right whale (Chile-Peru Subpopulation): 0 Southern right-whale dolphin (UNKNOWN): 0 Sperm whale, cachalot (UNKNOWN): 0 Subantarctic fur seal (UNKNOWN): 0 otter unspecified (UNKNOWN): 0	RFMO

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Atlantic salmon (<i>Salmo salar</i>), Coho(=Silver) salmon (<i>Oncorhynchus kisutch</i>), Rainbow trout (<i>Oncorhynchus mykiss</i>)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: none provided, Licenses: none provided, Participants: 8, Aquaculture Facilities: 24	EEZ,(FAO:87 Pacific Southeast),87.3.12,REGIÓ N DE AYSÉN DEL GENERAL CARLOS IBÁÑEZ DEL CAMPO; COMUNAS DE AISEN Y CISNES; ACS 21C	Antarctic minke whale (UNKNOWN) Blue whale (UNKNOWN) Burmeister's porpoise (UNKNOWN) Chilean dolphin (Chilean north stock) Chungungo, marine otter (UNKNOWN) Commerson's dolphin (UNKNOWN) Common bottlenose dolphin (UNKNOWN) Cuvier's beaked whale, goose-beaked whale (UNKNOWN) Dusky dolphin (UNKNOWN) False killer whale (UNKNOWN) Fin whale (UNKNOWN) Humpback whale (UNKNOWN) Killer whale, orca (UNKNOWN) Leopard seal (UNKNOWN) Long-finned pilot whale (UNKNOWN) Peale's dolphin (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Sei whale (UNKNOWN) South American fur seal (Chilean north stock) South American sea lion (South American sea lion chilean stock) Southern bottlenose whale (UNKNOWN) Southern elephant seal (UNKNOWN) Southern right whale (Chile-Peru Subpopulation) Southern right-whale dolphin (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN) otter unspecified (UNKNOWN)	Antarctic minke whale (UNKNOWN): 0 Blue whale (UNKNOWN): 0 Burmeister's porpoise (UNKNOWN): 0 Chilean dolphin (Chilean north stock): 0 Chungungo, marine otter (UNKNOWN): 0 Commerson's dolphin (UNKNOWN): 0 Common bottlenose dolphin (UNKNOWN): 0 Cuvier's beaked whale, goose-beaked whale (UNKNOWN): 0 Dusky dolphin (UNKNOWN): 0 False killer whale (UNKNOWN): 0 Fin whale (UNKNOWN): 0 Humpback whale (UNKNOWN): 0 Killer whale, orca (UNKNOWN): 0 Leopard seal (UNKNOWN): 0 Long-finned pilot whale (UNKNOWN): 0 Peale's dolphin (UNKNOWN): 0 Risso's dolphin, grampus (UNKNOWN): 0 Sei whale (UNKNOWN): 0 South American fur seal (Chilean north stock): 0 South American sea lion (South American sea lion chilean stock): UNKNOWN Southern bottlenose whale (UNKNOWN): 0 Southern elephant seal (UNKNOWN): 0 Southern right whale (Chile-Peru Subpopulation): 0 Southern right-whale dolphin (UNKNOWN): 0 Sperm whale, cachalot (UNKNOWN): 0 Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN): 0 otter unspecified (UNKNOWN): 0 Antarctic minke whale (UNKNOWN): 0 Blue whale (UNKNOWN): 0 Burmeister's porpoise (UNKNOWN): 0 Chilean dolphin (Chilean north stock): 0 Chungungo, marine otter (UNKNOWN): 0 Commerson's dolphin (UNKNOWN): 0 Common bottlenose dolphin (UNKNOWN): 0 Cuvier's beaked whale, goose-beaked whale (UNKNOWN): 0 Dusky dolphin (UNKNOWN): 0 False killer whale (UNKNOWN): 0 Fin whale (UNKNOWN): 0 Humpback whale (UNKNOWN): 0 Killer whale, orca (UNKNOWN): 0 Leopard seal (UNKNOWN): 0 Long-finned pilot whale (UNKNOWN): 0 Peale's dolphin (UNKNOWN): 0 Risso's dolphin, grampus (UNKNOWN): 0 Sei whale (UNKNOWN): 0 South American fur seal (Chilean north stock): 0 South American sea lion (South American sea lion chilean stock): UNKNOWN Southern bottlenose whale (UNKNOWN): 0 Southern elephant seal (UNKNOWN): 0 Southern right whale (Chile-Peru Subpopulation): 0 Southern right-whale dolphin (UNKNOWN): 0 Sperm whale, cachalot (UNKNOWN): 0 Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN): 0 otter unspecified (UNKNOWN): 0	
Atlantic salmon (<i>Salmo salar</i>), Coho(=Silver) salmon (<i>Oncorhynchus kisutch</i>), Rainbow trout (<i>Oncorhynchus mykiss</i>)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: none provided, Licenses: none provided, Participants: 5, Aquaculture Facilities: 44	EEZ,(FAO:87 Pacific Southeast),87.3.12,REGIÓ N DE AYSÉN DEL GENERAL CARLOS IBÁÑEZ DEL CAMPO; COMUNA DE CISNES; ACS 21B	Antarctic minke whale (UNKNOWN) Blue whale (UNKNOWN) Burmeister's porpoise (UNKNOWN) Chilean dolphin (Chilean north stock) Chungungo, marine otter (UNKNOWN) Commerson's dolphin (UNKNOWN) Common bottlenose dolphin (UNKNOWN) Cuvier's beaked whale, goose-beaked whale (UNKNOWN) Dusky dolphin (UNKNOWN) False killer whale (UNKNOWN) Fin whale (UNKNOWN) Humpback whale (UNKNOWN) Killer whale, orca (UNKNOWN) Leopard seal (UNKNOWN) Long-finned pilot whale (UNKNOWN) Peale's dolphin (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Sei whale (UNKNOWN) South American fur seal (Chilean north stock) South American sea lion (South American sea lion chilean stock) Southern bottlenose whale (UNKNOWN) Southern elephant seal (UNKNOWN) Southern right whale (Chile-Peru Subpopulation) Southern right-whale dolphin (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN) otter unspecified (UNKNOWN)	Antarctic minke whale (UNKNOWN): 0 Blue whale (UNKNOWN): 0 Burmeister's porpoise (UNKNOWN): 0 Chilean dolphin (Chilean north stock): 0 Chungungo, marine otter (UNKNOWN): 0 Commerson's dolphin (UNKNOWN): 0 Common bottlenose dolphin (UNKNOWN): 0 Cuvier's beaked whale, goose-beaked whale (UNKNOWN): 0 Dusky dolphin (UNKNOWN): 0 False killer whale (UNKNOWN): 0 Fin whale (UNKNOWN): 0 Humpback whale (UNKNOWN): 0 Killer whale, orca (UNKNOWN): 0 Leopard seal (UNKNOWN): 0 Long-finned pilot whale (UNKNOWN): 0 Peale's dolphin (UNKNOWN): 0 Risso's dolphin, grampus (UNKNOWN): 0 Sei whale (UNKNOWN): 0 South American fur seal (Chilean north stock): 0 South American sea lion (South American sea lion chilean stock): UNKNOWN Southern bottlenose whale (UNKNOWN): 0 Southern elephant seal (UNKNOWN): 0 Southern right whale (Chile-Peru Subpopulation): 0 Southern right-whale dolphin (UNKNOWN): 0 Sperm whale, cachalot (UNKNOWN): 0 Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN): 0 otter unspecified (UNKNOWN): 0	

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Atlantic salmon (<i>Salmo salar</i>), Coho(=Silver) salmon (<i>Oncorhynchus kisutch</i>), Rainbow trout (<i>Oncorhynchus mykiss</i>)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: none provided, Licenses: none provided, Participants: 1, Aquaculture Facilities: 3	EEZ,(FAO:87 Pacific Southeast),87.3.11,REGIÓ N DE LOS LAGOS; COMUNA DE QUELLON; ACS 12C	Antarctic minke whale (UNKNOWN) Blainville's beaked whale (UNKNOWN) Blue whale (UNKNOWN) Burmeister's porpoise (UNKNOWN) Chilean dolphin (Chilean north stock) Chungungo, marine otter (UNKNOWN) Commerson's dolphin (UNKNOWN) Common bottlenose dolphin (UNKNOWN) Common dolphin, saddleback dolphin (UNKNOWN) Cuvier's beaked whale, goose-beaked whale (UNKNOWN) Dusky dolphin (UNKNOWN) False killer whale (UNKNOWN) Fin whale (UNKNOWN) Humpback whale (UNKNOWN) Killer whale, orca (UNKNOWN) Long-finned pilot whale (UNKNOWN) Peale's dolphin (UNKNOWN) Pygmy right whale (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Sei whale (UNKNOWN) Short-finned pilot whale (UNKNOWN) South American fur seal (Chilean north stock) South American sea lion (South American sea lion chilean stock) Southern bottlenose whale (UNKNOWN) Southern elephant seal (UNKNOWN) Southern right whale (Chile-Peru Subpopulation) Southern right-whale dolphin (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Subantarctic fur seal (UNKNOWN) otter unspecified (UNKNOWN)	Antarctic minke whale (UNKNOWN): 0 Blainville's beaked whale (UNKNOWN): 0 Blue whale (UNKNOWN): 0 Burmeister's porpoise (UNKNOWN): 0 Chilean dolphin (Chilean north stock): 0 Chungungo, marine otter (UNKNOWN): 0 Commerson's dolphin (UNKNOWN): 0 Common bottlenose dolphin (UNKNOWN): 0 Common dolphin, saddleback dolphin (UNKNOWN): 0 Cuvier's beaked whale, goose-beaked whale (UNKNOWN): 0 Dusky dolphin (UNKNOWN): 0 False killer whale (UNKNOWN): 0 Fin whale (UNKNOWN): 0 Humpback whale (UNKNOWN): 0 Killer whale, orca (UNKNOWN): 0 Long-finned pilot whale (UNKNOWN): 0 Peale's dolphin (UNKNOWN): 0 Pygmy right whale (UNKNOWN): 0 Risso's dolphin, grampus (UNKNOWN): 0 Sei whale (UNKNOWN): 0 Short-finned pilot whale (UNKNOWN): 0 South American fur seal (Chilean north stock): 0 South American sea lion (South American sea lion chilean stock): UNKNOWN Southern bottlenose whale (UNKNOWN): 0 Southern elephant seal (UNKNOWN): 0 Southern right whale (Chile-Peru Subpopulation): 0 Southern right-whale dolphin (UNKNOWN): 0 Sperm whale, cachalot (UNKNOWN): 0 Subantarctic fur seal (UNKNOWN): 0 otter unspecified (UNKNOWN): 0	
Atlantic salmon (<i>Salmo salar</i>), Coho(=Silver) salmon (<i>Oncorhynchus kisutch</i>), Rainbow trout (<i>Oncorhynchus mykiss</i>)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: none provided, Licenses: none provided, Participants: 3, Aquaculture Facilities: 22	EEZ,(FAO:87 Pacific Southeast),87.3.12,REGIÓ N DE AYSÉN DEL GENERAL CARLOS IBÁÑEZ DEL CAMPO; COMUNA DE CISNES; ACS 21A	Antarctic minke whale (UNKNOWN) Blue whale (UNKNOWN) Burmeister's porpoise (UNKNOWN) Chilean dolphin (Chilean north stock) Chungungo, marine otter (UNKNOWN) Commerson's dolphin (UNKNOWN) Common bottlenose dolphin (UNKNOWN) Cuvier's beaked whale, goose-beaked whale (UNKNOWN) Dusky dolphin (UNKNOWN) False killer whale (UNKNOWN) Fin whale (UNKNOWN) Humpback whale (UNKNOWN) Killer whale, orca (UNKNOWN) Leopard seal (UNKNOWN) Long-finned pilot whale (UNKNOWN) Peale's dolphin (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Sei whale (UNKNOWN) South American fur seal (Chilean north stock) South American sea lion (South American sea lion chilean stock) Southern bottlenose whale (UNKNOWN) Southern elephant seal (UNKNOWN) Southern right whale (Chile-Peru Subpopulation) Southern right-whale dolphin (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN) otter unspecified (UNKNOWN)	Antarctic minke whale (UNKNOWN): 0 Blue whale (UNKNOWN): 0 Burmeister's porpoise (UNKNOWN): 0 Chilean dolphin (Chilean north stock): 0 Chungungo, marine otter (UNKNOWN): 0 Commerson's dolphin (UNKNOWN): 0 Common bottlenose dolphin (UNKNOWN): 0 Cuvier's beaked whale, goose-beaked whale (UNKNOWN): 0 Dusky dolphin (UNKNOWN): 0 False killer whale (UNKNOWN): 0 Fin whale (UNKNOWN): 0 Humpback whale (UNKNOWN): 0 Killer whale, orca (UNKNOWN): 0 Leopard seal (UNKNOWN): 0 Long-finned pilot whale (UNKNOWN): 0 Peale's dolphin (UNKNOWN): 0 Risso's dolphin, grampus (UNKNOWN): 0 Sei whale (UNKNOWN): 0 South American fur seal (Chilean north stock): 0 South American sea lion (South American sea lion chilean stock): UNKNOWN Southern bottlenose whale (UNKNOWN): 0 Southern elephant seal (UNKNOWN): 0 Southern right whale (Chile-Peru Subpopulation): 0 Southern right-whale dolphin (UNKNOWN): 0 Sperm whale, cachalot (UNKNOWN): 0 Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN): 0 otter unspecified (UNKNOWN): 0	

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Atlantic salmon (<i>Salmo salar</i>), Coho(=Silver) salmon (<i>Oncorhynchus kisutch</i>), Rainbow trout (<i>Oncorhynchus mykiss</i>)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: none provided, Licenses: none provided, Participants: 5, Aquaculture Facilities: 17	EEZ,(FAO:87 Pacific Southeast),87.3.12,REGIÓ N DE AYSÉN DEL GENERAL CARLOS IBÁÑEZ DEL CAMPO; COMUNA DE CISNES; ACS 19B	Antarctic minke whale (UNKNOWN) Blue whale (UNKNOWN) Burmeister's porpoise (UNKNOWN) Chilean dolphin (Chilean north stock) Chungungo, marine otter (UNKNOWN) Commerson's dolphin (UNKNOWN) Common bottlenose dolphin (UNKNOWN) Cuvier's beaked whale, goose-beaked whale (UNKNOWN) Dusky dolphin (UNKNOWN) False killer whale (UNKNOWN) Fin whale (UNKNOWN) Humpback whale (UNKNOWN) Killer whale, orca (UNKNOWN) Leopard seal (UNKNOWN) Long-finned pilot whale (UNKNOWN) Peale's dolphin (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Sei whale (UNKNOWN) South American fur seal (Chilean north stock) South American sea lion (South American sea lion chilean stock) Southern bottlenose whale (UNKNOWN) Southern elephant seal (UNKNOWN) Southern right whale (Chile-Peru Subpopulation) Southern right-whale dolphin (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN) otter unspecified (UNKNOWN)	Antarctic minke whale (UNKNOWN): 0 Blue whale (UNKNOWN): 0 Burmeister's porpoise (UNKNOWN): 0 Chilean dolphin (Chilean north stock): 0 Chungungo, marine otter (UNKNOWN): 0 Commerson's dolphin (UNKNOWN): 0 Common bottlenose dolphin (UNKNOWN): 0 Cuvier's beaked whale, goose-beaked whale (UNKNOWN): 0 Dusky dolphin (UNKNOWN): 0 False killer whale (UNKNOWN): 0 Fin whale (UNKNOWN): 0 Humpback whale (UNKNOWN): 0 Killer whale, orca (UNKNOWN): 0 Leopard seal (UNKNOWN): 0 Long-finned pilot whale (UNKNOWN): 0 Peale's dolphin (UNKNOWN): 0 Risso's dolphin, grampus (UNKNOWN): 0 Sei whale (UNKNOWN): 0 South American fur seal (Chilean north stock): 0 South American sea lion (South American sea lion chilean stock): UNKNOWN Southern bottlenose whale (UNKNOWN): 0 Southern elephant seal (UNKNOWN): 0 Southern right whale (Chile-Peru Subpopulation): 0 Southern right-whale dolphin (UNKNOWN): 0 Sperm whale, cachalot (UNKNOWN): 0 Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN): 0 Subantarctic fur seal (UNKNOWN): 0 Antarctic minke whale (UNKNOWN): 0 Blainville's beaked whale (UNKNOWN): 0 Blue whale (UNKNOWN): 0 Burmeister's porpoise (UNKNOWN): 0 Chilean dolphin (Chilean north stock): 0 Chungungo, marine otter (UNKNOWN): 0 Commerson's dolphin (UNKNOWN): 0 Common bottlenose dolphin (UNKNOWN): 0 Common dolphin, saddleback dolphin (UNKNOWN): 0 Cuvier's beaked whale, goose-beaked whale (UNKNOWN): 0 Dusky dolphin (UNKNOWN): 0 False killer whale (UNKNOWN): 0 Fin whale (UNKNOWN): 0 Humpback whale (UNKNOWN): 0 Killer whale, orca (UNKNOWN): 0 Long-finned pilot whale (UNKNOWN): 0 Peale's dolphin (UNKNOWN): 0 Pygmy right whale (UNKNOWN): 0 Risso's dolphin, grampus (UNKNOWN): 0 Sei whale (UNKNOWN): 0 Short-finned pilot whale (UNKNOWN): 0 South American fur seal (Chilean north stock): 0 South American sea lion (South American sea lion chilean stock): UNKNOWN Southern bottlenose whale (UNKNOWN): 0 Southern elephant seal (UNKNOWN): 0 Southern right whale (Chile-Peru Subpopulation): 0 Southern right-whale dolphin (UNKNOWN): 0 Sperm whale, cachalot (UNKNOWN): 0 Subantarctic fur seal (UNKNOWN): 0 otter unspecified (UNKNOWN): 0	RFMO
Atlantic salmon (<i>Salmo salar</i>), Coho(=Silver) salmon (<i>Oncorhynchus kisutch</i>), Rainbow trout (<i>Oncorhynchus mykiss</i>)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: none provided, Licenses: none provided, Participants: 9, Aquaculture Facilities: 28	EEZ,(FAO:87 Pacific Southeast),87.3.11,REGIÓ N DE LOS LAGOS; COMUNAS DE HUALAIHUE Y CHAITEN; ACS 17A	Antarctic minke whale (UNKNOWN) Blainville's beaked whale (UNKNOWN) Blue whale (UNKNOWN) Burmeister's porpoise (UNKNOWN) Chilean dolphin (Chilean north stock) Chungungo, marine otter (UNKNOWN) Commerson's dolphin (UNKNOWN) Common bottlenose dolphin (UNKNOWN) Common dolphin, saddleback dolphin (UNKNOWN) Cuvier's beaked whale, goose-beaked whale (UNKNOWN) Dusky dolphin (UNKNOWN) False killer whale (UNKNOWN) Fin whale (UNKNOWN) Humpback whale (UNKNOWN) Killer whale, orca (UNKNOWN) Long-finned pilot whale (UNKNOWN) Peale's dolphin (UNKNOWN) Pygmy right whale (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Sei whale (UNKNOWN) Short-finned pilot whale (UNKNOWN) South American fur seal (Chilean north stock) South American sea lion (South American sea lion chilean stock) Southern bottlenose whale (UNKNOWN) Southern elephant seal (UNKNOWN) Southern right whale (Chile-Peru Subpopulation) Southern right-whale dolphin (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Subantarctic fur seal (UNKNOWN) otter unspecified (UNKNOWN)	Antarctic minke whale (UNKNOWN): 0 Blainville's beaked whale (UNKNOWN): 0 Blue whale (UNKNOWN): 0 Burmeister's porpoise (UNKNOWN): 0 Chilean dolphin (Chilean north stock): 0 Chungungo, marine otter (UNKNOWN): 0 Commerson's dolphin (UNKNOWN): 0 Common bottlenose dolphin (UNKNOWN): 0 Common dolphin, saddleback dolphin (UNKNOWN): 0 Cuvier's beaked whale, goose-beaked whale (UNKNOWN): 0 Dusky dolphin (UNKNOWN): 0 False killer whale (UNKNOWN): 0 Fin whale (UNKNOWN): 0 Humpback whale (UNKNOWN): 0 Killer whale, orca (UNKNOWN): 0 Long-finned pilot whale (UNKNOWN): 0 Peale's dolphin (UNKNOWN): 0 Pygmy right whale (UNKNOWN): 0 Risso's dolphin, grampus (UNKNOWN): 0 Sei whale (UNKNOWN): 0 Short-finned pilot whale (UNKNOWN): 0 South American fur seal (Chilean north stock): 0 South American sea lion (South American sea lion chilean stock): UNKNOWN Southern bottlenose whale (UNKNOWN): 0 Southern elephant seal (UNKNOWN): 0 Southern right whale (Chile-Peru Subpopulation): 0 Southern right-whale dolphin (UNKNOWN): 0 Sperm whale, cachalot (UNKNOWN): 0 Subantarctic fur seal (UNKNOWN): 0 otter unspecified (UNKNOWN): 0	

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Atlantic salmon (<i>Salmo salar</i>), Coho(=Silver) salmon (<i>Oncorhynchus kisutch</i>), Rainbow trout (<i>Oncorhynchus mykiss</i>)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: none provided, Licenses: none provided, Participants: 4, Aquaculture Facilities: 17	EEZ,(FAO:87 Pacific Southeast),87.3.12,REGIÓ N DE AYSÉN DEL GENERAL CARLOS IBÁÑEZ DEL CAMPO; COMUNA DE CISNES; ACS 19A	Antarctic minke whale (UNKNOWN) Blue whale (UNKNOWN) Burmeister's porpoise (UNKNOWN) Chilean dolphin (Chilean north stock) Chungungo, marine otter (UNKNOWN) Commerson's dolphin (UNKNOWN) Common bottlenose dolphin (UNKNOWN) Cuvier's beaked whale, goose-beaked whale (UNKNOWN) Dusky dolphin (UNKNOWN) False killer whale (UNKNOWN) Fin whale (UNKNOWN) Humpback whale (UNKNOWN) Killer whale, orca (UNKNOWN) Leopard seal (UNKNOWN) Long-finned pilot whale (UNKNOWN) Peale's dolphin (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Sei whale (UNKNOWN) South American fur seal (Chilean north stock) South American sea lion (South American sea lion chilean stock) Southern bottlenose whale (UNKNOWN) Southern elephant seal (UNKNOWN) Southern right whale (Chile-Peru Subpopulation) Southern right-whale dolphin (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN) otter unspecified (UNKNOWN)	Antarctic minke whale (UNKNOWN): 0 Blue whale (UNKNOWN): 0 Burmeister's porpoise (UNKNOWN): 0 Chilean dolphin (Chilean north stock): 0 Chungungo, marine otter (UNKNOWN): 0 Commerson's dolphin (UNKNOWN): 0 Common bottlenose dolphin (UNKNOWN): 0 Cuvier's beaked whale, goose-beaked whale (UNKNOWN): 0 Dusky dolphin (UNKNOWN): 0 False killer whale (UNKNOWN): 0 Fin whale (UNKNOWN): 0 Humpback whale (UNKNOWN): 0 Killer whale, orca (UNKNOWN): 0 Leopard seal (UNKNOWN): 0 Long-finned pilot whale (UNKNOWN): 0 Peale's dolphin (UNKNOWN): 0 Risso's dolphin, grampus (UNKNOWN): 0 Sei whale (UNKNOWN): 0 South American fur seal (Chilean north stock): 0 South American sea lion (South American sea lion chilean stock): UNKNOWN Southern bottlenose whale (UNKNOWN): 0 Southern elephant seal (UNKNOWN): 0 Southern right whale (Chile-Peru Subpopulation): 0 Southern right-whale dolphin (UNKNOWN): 0 Sperm whale, cachalot (UNKNOWN): 0 Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN): 0 Antarctic minke whale (UNKNOWN): 0 Blue whale (UNKNOWN): 0 Burmeister's porpoise (UNKNOWN): 0 Chilean dolphin (Chilean north stock): 0 Chungungo, marine otter (UNKNOWN): 0 Commerson's dolphin (UNKNOWN): 0 Common bottlenose dolphin (UNKNOWN): 0 Cuvier's beaked whale, goose-beaked whale (UNKNOWN): 0 Dusky dolphin (UNKNOWN): 0 False killer whale (UNKNOWN): 0 Fin whale (UNKNOWN): 0 Humpback whale (UNKNOWN): 0 Killer whale, orca (UNKNOWN): 0 Leopard seal (UNKNOWN): 0 Long-finned pilot whale (UNKNOWN): 0 Peale's dolphin (UNKNOWN): 0 Risso's dolphin, grampus (UNKNOWN): 0 Sei whale (UNKNOWN): 0 South American fur seal (Chilean north stock): 0 South American sea lion (South American sea lion chilean stock): UNKNOWN Southern bottlenose whale (UNKNOWN): 0 Southern elephant seal (UNKNOWN): 0 Southern right whale (Chile-Peru Subpopulation): 0 Southern right-whale dolphin (UNKNOWN): 0 Sperm whale, cachalot (UNKNOWN): 0 Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN): 0	
Atlantic salmon (<i>Salmo salar</i>), Coho(=Silver) salmon (<i>Oncorhynchus kisutch</i>), Rainbow trout (<i>Oncorhynchus mykiss</i>)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: none provided, Licenses: none provided, Participants: 1, Aquaculture Facilities: 6	EEZ,(FAO:87 Pacific Southeast),87.3.12,REGIÓ N DE AYSÉN DEL GENERAL CARLOS IBÁÑEZ DEL CAMPO; COMUNA DE CISNES; ACS 18E	Antarctic minke whale (UNKNOWN) Blue whale (UNKNOWN) Burmeister's porpoise (UNKNOWN) Chilean dolphin (Chilean north stock) Chungungo, marine otter (UNKNOWN) Commerson's dolphin (UNKNOWN) Common bottlenose dolphin (UNKNOWN) Cuvier's beaked whale, goose-beaked whale (UNKNOWN) Dusky dolphin (UNKNOWN) False killer whale (UNKNOWN) Fin whale (UNKNOWN) Humpback whale (UNKNOWN) Killer whale, orca (UNKNOWN) Leopard seal (UNKNOWN) Long-finned pilot whale (UNKNOWN) Peale's dolphin (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Sei whale (UNKNOWN) South American fur seal (Chilean north stock) South American sea lion (South American sea lion chilean stock) Southern bottlenose whale (UNKNOWN) Southern elephant seal (UNKNOWN) Southern right whale (Chile-Peru Subpopulation) Southern right-whale dolphin (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN) otter unspecified (UNKNOWN)	Antarctic minke whale (UNKNOWN): 0 Blue whale (UNKNOWN): 0 Burmeister's porpoise (UNKNOWN): 0 Chilean dolphin (Chilean north stock): 0 Chungungo, marine otter (UNKNOWN): 0 Commerson's dolphin (UNKNOWN): 0 Common bottlenose dolphin (UNKNOWN): 0 Cuvier's beaked whale, goose-beaked whale (UNKNOWN): 0 Dusky dolphin (UNKNOWN): 0 False killer whale (UNKNOWN): 0 Fin whale (UNKNOWN): 0 Humpback whale (UNKNOWN): 0 Killer whale, orca (UNKNOWN): 0 Leopard seal (UNKNOWN): 0 Long-finned pilot whale (UNKNOWN): 0 Peale's dolphin (UNKNOWN): 0 Risso's dolphin, grampus (UNKNOWN): 0 Sei whale (UNKNOWN): 0 South American fur seal (Chilean north stock): 0 South American sea lion (South American sea lion chilean stock): UNKNOWN Southern bottlenose whale (UNKNOWN): 0 Southern elephant seal (UNKNOWN): 0 Southern right whale (Chile-Peru Subpopulation): 0 Southern right-whale dolphin (UNKNOWN): 0 Sperm whale, cachalot (UNKNOWN): 0 Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN): 0	

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates
Atlantic salmon (<i>Salmo salar</i>), Coho(=Silver) salmon (<i>Oncorhynchus kisutch</i>), Rainbow trout (<i>Oncorhynchus mykiss</i>)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: none provided, Licenses: none provided, Participants: 8, Aquaculture Facilities: 32	EEZ,(FAO:87 Pacific Southeast),87.3.11,REGIÓ N DE LOS LAGOS; COMUNA DE HUALAIHUE; ACS 17B	Antarctic minke whale (UNKNOWN) Blainville's beaked whale (UNKNOWN) Blue whale (UNKNOWN) Burmeister's porpoise (UNKNOWN) Chilean dolphin (Chilean north stock) Chungungo, marine otter (UNKNOWN) Commerson's dolphin (UNKNOWN) Common bottlenose dolphin (UNKNOWN) Common dolphin, saddleback dolphin (UNKNOWN) Cuvier's beaked whale, goose-beaked whale (UNKNOWN) Dusky dolphin (UNKNOWN) False killer whale (UNKNOWN) Fin whale (UNKNOWN) Humpback whale (UNKNOWN) Killer whale, orca (UNKNOWN) Long-finned pilot whale (UNKNOWN) Peale's dolphin (UNKNOWN) Pygmy right whale (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Sei whale (UNKNOWN) Short-finned pilot whale (UNKNOWN) South American fur seal (Chilean north stock) South American sea lion (South American sea lion chilean stock) Southern bottlenose whale (UNKNOWN) Southern elephant seal (UNKNOWN) Southern right whale (Chile-Peru Subpopulation) Southern right-whale dolphin (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Subantarctic fur seal (UNKNOWN) otter unspecified (UNKNOWN)	Antarctic minke whale (UNKNOWN): 0 Blainville's beaked whale (UNKNOWN): 0 Blue whale (UNKNOWN): 0 Burmeister's porpoise (UNKNOWN): 0 Chilean dolphin (Chilean north stock): 0 Chungungo, marine otter (UNKNOWN): 0 Commerson's dolphin (UNKNOWN): 0 Common bottlenose dolphin (UNKNOWN): 0 Common dolphin, saddleback dolphin (UNKNOWN): 0 Cuvier's beaked whale, goose-beaked whale (UNKNOWN): 0 Dusky dolphin (UNKNOWN): 0 False killer whale (UNKNOWN): 0 Fin whale (UNKNOWN): 0 Humpback whale (UNKNOWN): 0 Killer whale, orca (UNKNOWN): 0 Long-finned pilot whale (UNKNOWN): 0 Peale's dolphin (UNKNOWN): 0 Pygmy right whale (UNKNOWN): 0 Risso's dolphin, grampus (UNKNOWN): 0 Sei whale (UNKNOWN): 0 Short-finned pilot whale (UNKNOWN): 0 South American fur seal (Chilean north stock): 0 South American sea lion (South American sea lion chilean stock): UNKNOWN Southern bottlenose whale (UNKNOWN): 0 Southern elephant seal (UNKNOWN): 0 Southern right whale (Chile-Peru Subpopulation): 0 Southern right-whale dolphin (UNKNOWN): 0 Sperm whale, cachalot (UNKNOWN): 0 Subantarctic fur seal (UNKNOWN): 0 otter unspecified (UNKNOWN): 0
Albacore (<i>Thunnus alalunga</i>), Angler(=Monk) (<i>Lophius piscatorius</i>), Bigeye tuna (<i>Thunnus obesus</i>), Blue shark (<i>Prionace glauca</i>), Butterfly kingfish (<i>Gasterochisma melampus</i>), Common dolphinfish (<i>Coryphaena hippurus</i>), Eastern Pacific bonito (<i>Sarda chiliensis</i>), Escolar (<i>Lepidocybium flavobrunneum</i>), Oilfish (<i>Ruvettus pretiosus</i>), Opah (<i>Lampris guttatus</i>), Porbeagle (<i>Lamna nasus</i>), Rays and skates nei (<i>Rajidae</i>), Shortfin mako (<i>Isurus oxyrinchus</i>), Shortfin mako (<i>Isurus oxyrinchus</i>), Skipjack tuna (<i>Katsuwonus pelamis</i>), Striped marlin (<i>Tetrapturus audax</i>), Striped marlin (<i>Tetrapturus audax</i>), Swordfish (<i>Xiphias gladius</i>), Thresher (<i>Alopias vulpinus</i>), Wahoo (<i>Acanthocybium solandri</i>), Yellowfin tuna (<i>Thunnus albacares</i>), Yellowtail amberjack (<i>Seriola lalandi</i>)	Longlines (not specified), (Pelagic)	Number of Vessels: 3, Licenses: none provided, Participants: none provided, Aquaculture Facilities: N/A	High Seas,EEZ,(FAO:87 Pacific Southeast),87.2.1, 87.2.11, 87.2.12, 87.2.13, 87.2.14, 87.2.15, 87.2.16, 87.2.17, 87.2.2, 87.2.21, 87.2.22, 87.2.23, 87.2.24, 87.2.25, 87.2.26, 87.2.27, 87.2.3, 87.2.4, 87.2.5, 87.2.6, 87.3.1, 87.3.11, 87.3.12, 87.3.13, 87.3.2, 87.3.21, 87.3.22, 87.3.23, 87.3.3,Artisanal and Industrial Longline fishery for Swordfish (pez espada). Operating in Chilean administrative Regions: Arica-Parinacota (XV) to Los Lagos (X). #34	Antarctic fur seal (UNKNOWN) Antarctic minke whale (UNKNOWN) Blainville's beaked whale (UNKNOWN) Blue whale (UNKNOWN) Bryde's whale (UNKNOWN) Burmeister's porpoise (UNKNOWN) Chilean dolphin (Chilean north stock) Chilean dolphin (Chilean south stock) Chungungo, marine otter (UNKNOWN) Commerson's dolphin (UNKNOWN) Common bottlenose dolphin (UNKNOWN) Common dolphin, saddleback dolphin (UNKNOWN) Cuvier's beaked whale, goose-beaked whale (UNKNOWN) Dusky dolphin (UNKNOWN) Dwarf sperm whale (UNKNOWN) False killer whale (UNKNOWN) Fin whale (UNKNOWN) Hourglass dolphin (UNKNOWN) Humpback whale (UNKNOWN) Juan Fernandez fur seal (Juan Fernandez Archipelago) Killer whale, orca (UNKNOWN) Leopard seal (UNKNOWN) Long-beaked Common Dolphin (UNKNOWN) Long-finned pilot whale (UNKNOWN) Peale's dolphin (UNKNOWN)Pygmy beaked whale (UNKNOWN) Pygmy killer whale (UNKNOWN) Pygmy right whale (UNKNOWN) Pygmy sperm whale (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Sei whale (UNKNOWN) Shepherd's beaked whale, Tasman beaked whale (UNKNOWN) Short-finned pilot whale (UNKNOWN) South American fur seal (Chilean north stock) South American fur seal (Chilean south stock) South American sea lion (South American sea lion chilean stock) Southern bottlenose whale (UNKNOWN) Southern elephant seal (UNKNOWN) Southern right whale (Chile-Peru Subpopulation) Southern right-whale dolphin (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Striped dolphin (UNKNOWN) Subantarctic fur seal (UNKNOWN) otter unspecified (UNKNOWN)	Antarctic fur seal (UNKNOWN): 0 Antarctic minke whale (UNKNOWN): 0 Blainville's beaked whale (UNKNOWN): 0 Blue whale (UNKNOWN): 0 Bryde's whale (UNKNOWN): 0 Burmeister's porpoise (UNKNOWN): 0 Chilean dolphin (Chilean north stock): 0 Chilean dolphin (Chilean south stock): 0 Chungungo, marine otter (UNKNOWN): 0 Commerson's dolphin (UNKNOWN): 0 Common bottlenose dolphin (UNKNOWN): 0 Common dolphin, saddleback dolphin (UNKNOWN): 0 Cuvier's beaked whale, goose-beaked whale (UNKNOWN): 0 Dusky dolphin (UNKNOWN): 0 Dwarf sperm whale (UNKNOWN): 0 False killer whale (UNKNOWN): 0 Fin whale (UNKNOWN): 0 Hourglass dolphin (UNKNOWN): 0 Humpback whale (UNKNOWN): 0 Juan Fernandez fur seal (Juan Fernandez Archipelago): .7 Killer whale, orca (UNKNOWN): 0 Leopard seal (UNKNOWN): 0 Long-beaked Common Dolphin (UNKNOWN): 0 Long-finned pilot whale (UNKNOWN): 0 Peale's dolphin (UNKNOWN): 0 Pygmy beaked whale (UNKNOWN): 0 Pygmy killer whale (UNKNOWN): 0 Pygmy right whale (UNKNOWN): 0 Pygmy sperm whale (UNKNOWN): 0 Risso's dolphin, grampus (UNKNOWN): 0 Sei whale (UNKNOWN): 0 Shepherd's beaked whale, Tasman beaked whale (UNKNOWN): 0 Short-finned pilot whale (UNKNOWN): 0 South American fur seal (Chilean north stock): 0 South American fur seal (Chilean south stock): 0 South American sea lion (South American sea lion chilean stock): 0 Southern bottlenose whale (UNKNOWN): 0 Southern elephant seal (UNKNOWN): 0 Southern right whale (Chile-Peru Subpopulation): 0 Southern right-whale dolphin (UNKNOWN): 0 Sperm whale, cachalot (UNKNOWN): 0 Striped dolphin (UNKNOWN): 0 Subantarctic fur seal (UNKNOWN): 0 otter unspecified (UNKNOWN): 0

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
<p>Cape redfish (<i>Sebastes capensis</i>), Chilean jack mackerel (<i>Trachurus murphyi</i>), Epigonus crassicaudus (<i>Epigonus crassicaudus</i>), Jumbo flying squid (<i>Dosidicus gigas</i>), Pacific sandperch (<i>Prolatilus jugularis</i>), Palm ruff (<i>Seriolella violacea</i>), Patagonian blennie (<i>Eleginops maclovinus</i>), Patagonian grenadier (<i>Macruronus magellanicus</i>), Patagonian redfish (<i>Sebastes oculatus</i>), Patagonian toothfish (<i>Dissostichus eleginoides</i>), Peruvian rock seabass (<i>Paralabrax humeralis</i>), Pink cusk-eel (<i>Genypterus blacodes</i>), Plownose chimaera (<i>Callorhinchus callorynchus</i>), Silver warehou (<i>Seriolella punctata</i>), Slender tuna (<i>Allothunnus fallai</i>), Snoek (<i>Thyrsites atun</i>), South Pacific hake (<i>Merluccius gayi</i>), Southern blue whiting (<i>Micromesistius australis</i>), Southern hake (<i>Merluccius australis</i>), Southern rays bream (<i>Brama australis</i>), Splendid alfonsino (<i>Beryx splendens</i>), Tadpole codling (<i>Saliota australis</i>), White warehou (<i>Seriolella caerulea</i>)</p>	<p>Trawls (not specified), (Demersal)</p>	<p>Number of Vessels: 4, Licenses: none provided, Participants: none provided, Aquaculture Facilities: N/A</p>	<p>EEZ,(FAO:87 Pacific Southeast),87.3.11, 87.3.12, 87.3.13,Industrial Multispecific Mid Water Factory Trawl Fishery Targeting Patagonian Grenadier and Southern Hake. Operating in Chilean administrative Regions: Aysen (XI) to Magallanes (XII). #42</p>	<p>Antarctic minke whale (UNKNOWN) Arnoux's beaked whale (UNKNOWN) Blainville's beaked whale (UNKNOWN) Blue whale (UNKNOWN) Burmeister's porpoise (UNKNOWN) Chilean dolphin (Chilean south stock) Chungungo, marine otter (UNKNOWN) Commerson's dolphin (UNKNOWN) Common bottlenose dolphin (UNKNOWN) Common dolphin, saddleback dolphin (UNKNOWN) Cuvier's beaked whale, goose-beaked whale (UNKNOWN) Dusky dolphin (UNKNOWN) False killer whale (UNKNOWN) Fin whale (UNKNOWN) Gray's beaked whale (UNKNOWN) Hector's beaked whale (UNKNOWN) Humpback whale (UNKNOWN) Killer whale, orca (UNKNOWN) Leopard seal (UNKNOWN) Long-finned pilot whale (UNKNOWN) Peale's dolphin (UNKNOWN) Pygmy killer whale (UNKNOWN) Pygmy right whale (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Sei whale (UNKNOWN) Shepherd's beaked whale, Tasman beaked whale (UNKNOWN) Short-finned pilot whale (UNKNOWN) South American fur seal (Chilean south stock) South American sea lion (South American sea lion chilean stock) Southern bottlenose whale (UNKNOWN) Southern elephant seal (UNKNOWN) Southern right whale (Chile-Peru Subpopulation) Southern right whale (Southern Right Whale records in the Strait of Magellan, belonging to the Argentine population) Southern right-whale dolphin (UNKNOWN) Spectacled porpoise (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN) Subantarctic fur seal (UNKNOWN) otter unspecified (UNKNOWN)</p>	<p>Antarctic minke whale (UNKNOWN): 0 Arnoux's beaked whale (UNKNOWN): 0 Blainville's beaked whale (UNKNOWN): 0 Blue whale (UNKNOWN): 0 Burmeister's porpoise (UNKNOWN): 0 Chilean dolphin (Chilean south stock): 0 Chungungo, marine otter (UNKNOWN): 0 Commerson's dolphin (UNKNOWN): 0 Common bottlenose dolphin (UNKNOWN): 0 Common dolphin, saddleback dolphin (UNKNOWN): 0 Cuvier's beaked whale, goose-beaked whale (UNKNOWN): 0 Dusky dolphin (UNKNOWN): 0 False killer whale (UNKNOWN): 0 Fin whale (UNKNOWN): 0 Gray's beaked whale (UNKNOWN): 0 Hector's beaked whale (UNKNOWN): 0 Humpback whale (UNKNOWN): 0 Killer whale, orca (UNKNOWN): 0 Leopard seal (UNKNOWN): 0 Long-finned pilot whale (UNKNOWN): 0 Peale's dolphin (UNKNOWN): 0 Pygmy killer whale (UNKNOWN): 0 Pygmy right whale (UNKNOWN): 0 Risso's dolphin, grampus (UNKNOWN): 0 Sei whale (UNKNOWN): 0 Shepherd's beaked whale, Tasman beaked whale (UNKNOWN): 0 Short-finned pilot whale (UNKNOWN): 0 South American fur seal (Chilean south stock): 37.3 South American sea lion (South American sea lion chilean stock): 30.5 Southern bottlenose whale (UNKNOWN): 0 Southern elephant seal (UNKNOWN): 0 Southern right whale (Chile-Peru Subpopulation): 0 Southern right whale (Southern Right Whale records in the Strait of Magellan, belonging to the Argentine population): 0 Southern right-whale dolphin (UNKNOWN): 0 Spectacled porpoise (UNKNOWN): 0 Sperm whale, cachalot (UNKNOWN): 0 Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN): 0 Subantarctic fur seal (UNKNOWN): 0 otter unspecified (UNKNOWN): 0</p>	
<p>Bastard halibuts nei (<i>Paralichthys</i> spp), Bigeye flounder (<i>Hippoglossina macrops</i>), Black cusk-eel (<i>Genypterus maculatus</i>), Blue squat lobster (<i>Cervimunida johni</i>), Cabinza grunt (<i>Isacia conceptionis</i>), Cape redfish (<i>Sebastes capensis</i>), Carrot squat lobster (<i>Pleuroncodes monodon</i>), Chilean jack mackerel (<i>Trachurus murphyi</i>), Chilean nylon shrimp (<i>Heterocarpus reedi</i>), Epigonus crassicaudus (<i>Epigonus crassicaudus</i>), Fine flounder (<i>Paralichthys adspersus</i>), Jumbo flying squid (<i>Dosidicus gigas</i>), Pacific chub mackerel (<i>Scomber japonicus</i>), Pacific sandperch (<i>Prolatilus jugularis</i>), Palm ruff (<i>Seriolella violacea</i>), Patagonian blennie (<i>Eleginops maclovinus</i>), Patagonian grenadier (<i>Macruronus magellanicus</i>), Peruvian rock seabass (<i>Paralabrax humeralis</i>), Pink cusk-eel (<i>Genypterus blacodes</i>), Plownose chimaera (<i>Callorhinchus callorynchus</i>), Red cusk-eel (<i>Genypterus chilensis</i>), Sciaenas nei (<i>Sciaena</i> spp), Snoek (<i>Thyrsites atun</i>), South Pacific hake (<i>Merluccius gayi</i>), Southern blue whiting (<i>Micromesistius australis</i>), Southern hake (<i>Merluccius australis</i>), Southern rays bream (<i>Brama australis</i>), Splendid alfonsino (<i>Beryx splendens</i>)</p>	<p>Trawls (not specified), (Demersal)</p>	<p>Number of Vessels: 6, Licenses: none provided, Participants: none provided, Aquaculture Facilities: N/A</p>	<p>EEZ,(FAO:87 Pacific Southeast),87.2.15,ndustrial demersal trawl fishery for South Pacific hake (merluza comun) Fleet composed of vessels with engines < 1000 hp. Operating in Chilean Administrative Region of Valparaiso (V). #17</p>	<p>Antarctic minke whale (UNKNOWN) Blue whale (UNKNOWN) Bryde's whale (UNKNOWN) Burmeister's porpoise (UNKNOWN) Chilean dolphin (Chilean north stock) Chungungo, marine otter (UNKNOWN) Common bottlenose dolphin (UNKNOWN) Common dolphin, saddleback dolphin (UNKNOWN) Cuvier's beaked whale, goose-beaked whale (UNKNOWN) Dusky dolphin (UNKNOWN) Dwarf sperm whale (UNKNOWN) False killer whale (UNKNOWN) Fin whale (UNKNOWN) Hourglass dolphin (UNKNOWN) Humpback whale (UNKNOWN) Juan Fernandez fur seal (Juan Fernandez Archipelago) Killer whale, orca (UNKNOWN) Leopard seal (UNKNOWN)Long-finned pilot whale (UNKNOWN) Peale's dolphin (UNKNOWN) Pygmy sperm whale (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Sei whale (UNKNOWN) Shepherd's beaked whale, Tasman beaked whale (UNKNOWN) Short-finned pilot whale (UNKNOWN) South American sea lion (South American sea lion chilean stock) Southern bottlenose whale (UNKNOWN) Southern elephant seal (UNKNOWN) Southern right whale (Chile-Peru Subpopulation) Southern right-whale dolphin (UNKNOWN) Sperm whale, cachalot (UNKNOWN)</p>	<p>Antarctic minke whale (UNKNOWN): 0 Blue whale (UNKNOWN): 0 Bryde's whale (UNKNOWN): 0 Burmeister's porpoise (UNKNOWN): 0 Chilean dolphin (Chilean north stock): 0 Chungungo, marine otter (UNKNOWN): 0 Common bottlenose dolphin (UNKNOWN): 0 Common dolphin, saddleback dolphin (UNKNOWN): 0 Cuvier's beaked whale, goose-beaked whale (UNKNOWN): 0 Dusky dolphin (UNKNOWN): 0 Dwarf sperm whale (UNKNOWN): 0 False killer whale (UNKNOWN): 0 Fin whale (UNKNOWN): 0 Hourglass dolphin (UNKNOWN): 0 Humpback whale (UNKNOWN): 0 Juan Fernandez fur seal (Juan Fernandez Archipelago): 0 Killer whale, orca (UNKNOWN): 0 Leopard seal (UNKNOWN): 0 Long-finned pilot whale (UNKNOWN): 0 Peale's dolphin (UNKNOWN): 0 Pygmy sperm whale (UNKNOWN): 0 Risso's dolphin, grampus (UNKNOWN): 0 Sei whale (UNKNOWN): 0 Shepherd's beaked whale, Tasman beaked whale (UNKNOWN): 0 Short-finned pilot whale (UNKNOWN): 0 South American sea lion (South American sea lion chilean stock): 145.5 Southern bottlenose whale (UNKNOWN): 0 Southern elephant seal (UNKNOWN): 0 Southern right whale (Chile-Peru Subpopulation): 0 Southern right-whale dolphin (UNKNOWN): 0 Sperm whale, cachalot (UNKNOWN): 0</p>	

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
<p>Bastard halibuts nei (<i>Paralichthys</i> spp), Bigeye flounder (<i>Hippoglossina macrops</i>), Cape redfish (<i>Sebastes capensis</i>), Chilean jack mackerel (<i>Trachurus murphyi</i>), Epigonus crassicaudus (<i>Epigonus crassicaudus</i>), Jumbo flying squid (<i>Dosidicus gigas</i>), Pacific sandperch (<i>Prolatilus jugularis</i>), Palm ruff (<i>Seriolella violacea</i>), Patagonian grenadier (<i>Macruronus magellanicus</i>), Patagonian grenadier (<i>Macruronus magellanicus</i>), Pink cusk-eel (<i>Genypterus blacodes</i>), Sciaenas nei (<i>Sciaena</i> spp), Sciaenas nei (<i>Sciaena</i> spp), Silver warehou (<i>Seriolella punctata</i>), South Pacific hake (<i>Merluccius gayi</i>), Southern hake (<i>Merluccius australis</i>), Southern rays bream (<i>Brama australis</i>), Splendid alfonsino (<i>Beryx splendens</i>), Tadpole codling (<i>Salilota australis</i>)</p>	<p>Midwater trawls (not specified), (Demersal)</p>	<p>Number of Vessels: 6, Licenses: none provided, Participants: none provided, Aquaculture Facilities: N/A</p>	<p>EEZ,(FAO:87 Pacific Southeast),87.2.15, 87.2.16, 87.2.17, 87.3.11,Industrial Midwater trawls fishery for Patagonian grenadier (merluza de cola). Operating in Chilean administrative Regions: Valparaiso (V) to Los Lagos (X). #43</p>	<p>Antarctic fur seal (UNKNOWN) Antarctic minke whale (UNKNOWN) Blainville's beaked whale (UNKNOWN) Blue whale (UNKNOWN) Bryde's whale (UNKNOWN) Burmeister's porpoise (UNKNOWN) Chilean dolphin (Chilean north stock) Chilean dolphin (Chilean south stock) Chungungo, marine otter (UNKNOWN) Commerson's dolphin (UNKNOWN) Common bottlenose dolphin (UNKNOWN) Common dolphin, saddleback dolphin (UNKNOWN) Cuvier's beaked whale, goose-beaked whale (UNKNOWN) Dusky dolphin (UNKNOWN) Dwarf sperm whale (UNKNOWN) False killer whale (UNKNOWN) Fin whale (UNKNOWN) Hourglass dolphin (UNKNOWN) Humpback whale (UNKNOWN) Juan Fernandez fur seal (Juan Fernandez Archipelago) Killer whale, orca (UNKNOWN) Leopard seal (UNKNOWN) Long-finned pilot whale (UNKNOWN) Peale's dolphin (UNKNOWN) Pygmy beaked whale (UNKNOWN) Pygmy right whale (UNKNOWN) Pygmy sperm whale (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Sei whale (UNKNOWN) Shepherd's beaked whale, Tasman beaked whale (UNKNOWN) Short-finned pilot whale (UNKNOWN) South American fur seal (Chilean north stock) South American fur seal (Chilean south stock) South American sea lion (South American sea lion chilean stock) Southern bottlenose whale (UNKNOWN) Southern elephant seal (UNKNOWN) Southern right whale (Chile-Peru Subpopulation) Southern right-whale dolphin (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Subantarctic fur seal (UNKNOWN) otter unspecified (UNKNOWN)</p>	<p>Antarctic fur seal (UNKNOWN): 0 Antarctic minke whale (UNKNOWN): 0 Blainville's beaked whale (UNKNOWN): 0 Blue whale (UNKNOWN): 0 Bryde's whale (UNKNOWN): 0 Burmeister's porpoise (UNKNOWN): 0 Chilean dolphin (Chilean north stock): 0 Chilean dolphin (Chilean south stock): 0 Chungungo, marine otter (UNKNOWN): 0 Commerson's dolphin (UNKNOWN): 0 Common bottlenose dolphin (UNKNOWN): 0 Common dolphin, saddleback dolphin (UNKNOWN): 0 Cuvier's beaked whale, goose-beaked whale (UNKNOWN): 0 Dusky dolphin (UNKNOWN): 0 Dwarf sperm whale (UNKNOWN): 0 False killer whale (UNKNOWN): 0 Fin whale (UNKNOWN): 0 Hourglass dolphin (UNKNOWN): 0 Humpback whale (UNKNOWN): 0 Juan Fernandez fur seal (Juan Fernandez Archipelago): 0 Killer whale, orca (UNKNOWN): 0 Leopard seal (UNKNOWN): 0 Long-finned pilot whale (UNKNOWN): 0 Peale's dolphin (UNKNOWN): 0 Pygmy beaked whale (UNKNOWN): 0 Pygmy right whale (UNKNOWN): 0 Pygmy sperm whale (UNKNOWN): 0 Risso's dolphin, grampus (UNKNOWN): 0 Sei whale (UNKNOWN): 0 Shepherd's beaked whale, Tasman beaked whale (UNKNOWN): 0 Short-finned pilot whale (UNKNOWN): 0 South American fur seal (Chilean north stock): 0 South American fur seal (Chilean south stock): 0 South American sea lion (South American sea lion chilean stock): 21 Southern bottlenose whale (UNKNOWN): 0 Southern elephant seal (UNKNOWN): 0 Southern right whale (Chile-Peru Subpopulation): 0 Southern right-whale dolphin (UNKNOWN): 0 Sperm whale, cachalot (UNKNOWN): 0 Subantarctic fur seal (UNKNOWN): 0 otter unspecified (UNKNOWN): 0</p>	
<p>Blue antimora (<i>Antimora rostrata</i>), Greenland shark (<i>Somniosus microcephalus</i>), Grenadiers nei (<i>Macrourus</i> spp), Patagonian toothfish (<i>Dissostichus eleginoides</i>), Rays and skates nei (<i>Rajidae</i>)</p>	<p>Longlines (not specified), (Bottom)</p>	<p>Number of Vessels: 3, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided</p>	<p>High Seas,(FAO:41 Atlantic Southwest),41.2.4, 41.3.1, 41.3.2, 41.3.3,Industrial longline fishery targeting Patagonian toothfish (bacalao de profundidad). Operation in high seas of Southwest Atlantic Ocean. #41</p>	<p>Antarctic minke whale (UNKNOWN) Arnoux's beaked whale (UNKNOWN) Blue whale (UNKNOWN) Commerson's dolphin (UNKNOWN) Common bottlenose dolphin (UNKNOWN) Common dolphin, saddleback dolphin (UNKNOWN) Cuvier's beaked whale, goose-beaked whale (UNKNOWN) Dwarf minke whale (UNKNOWN) False killer whale (UNKNOWN) Fin whale (UNKNOWN) Gray's beaked whale (UNKNOWN) Hector's beaked whale (UNKNOWN) Hourglass dolphin (UNKNOWN) Humpback whale (UNKNOWN) Killer whale, orca (UNKNOWN) Long-finned pilot whale (UNKNOWN) Pygmy right whale (UNKNOWN) Pygmy sperm whale (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Sei whale (UNKNOWN) Southern bottlenose whale (UNKNOWN) Southern right whale (Southern Right Whale records in the Strait of Magellan, belonging to the Argentine population) Southern right-whale dolphin (UNKNOWN) Spectacled porpoise (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN)</p>	<p>Antarctic minke whale (UNKNOWN): UNKNOWN Arnoux's beaked whale (UNKNOWN): UNKNOWN Blue whale (UNKNOWN): UNKNOWN Commerson's dolphin (UNKNOWN): UNKNOWN Common bottlenose dolphin (UNKNOWN): UNKNOWN Common dolphin, saddleback dolphin (UNKNOWN): UNKNOWN Cuvier's beaked whale, goose-beaked whale (UNKNOWN): UNKNOWN Dwarf minke whale (UNKNOWN): UNKNOWN False killer whale (UNKNOWN): UNKNOWN Fin whale (UNKNOWN): UNKNOWN Gray's beaked whale (UNKNOWN): UNKNOWN Hector's beaked whale (UNKNOWN): UNKNOWN Hourglass dolphin (UNKNOWN): UNKNOWN Humpback whale (UNKNOWN): UNKNOWN Killer whale, orca (UNKNOWN): UNKNOWN Long-finned pilot whale (UNKNOWN): UNKNOWN Pygmy right whale (UNKNOWN): UNKNOWN Pygmy sperm whale (UNKNOWN): UNKNOWN Risso's dolphin, grampus (UNKNOWN): UNKNOWN Sei whale (UNKNOWN): UNKNOWN Southern bottlenose whale (UNKNOWN): UNKNOWN Southern right whale (Southern Right Whale records in the Strait of Magellan, belonging to the Argentine population): UNKNOWN Southern right-whale dolphin (UNKNOWN): UNKNOWN Spectacled porpoise (UNKNOWN): UNKNOWN Sperm whale, cachalot (UNKNOWN): UNKNOWN Strap-toothed beaked whale, Layard's beaked whale (UNKNOWN): UNKNOWN</p>	

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Atlantic salmon (<i>Salmo salar</i>), Coho(=Silver) salmon (<i>Oncorhynchus kisutch</i>), Rainbow trout (<i>Oncorhynchus mykiss</i>)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: none provided, Licenses: none provided, Participants: 10, Aquaculture Facilities: 40	EEZ,(FAO:87 Pacific Southeast),87.3.11,REGIÓ N DE LOS LAGOS; COMUNAS DE COCHAMÓ Y PUERTO VARAS; ACS 1	Antarctic minke whale (UNKNOWN) Blainville's beaked whale (UNKNOWN) Blue whale (UNKNOWN) Burmeister's porpoise (UNKNOWN) Chilean dolphin (Chilean north stock) Chungungo, marine otter (UNKNOWN) Commerson's dolphin (UNKNOWN) Common bottlenose dolphin (UNKNOWN) Common dolphin, saddleback dolphin (UNKNOWN) Cuvier's beaked whale, goose-beaked whale (UNKNOWN) Dusky dolphin (UNKNOWN) False killer whale (UNKNOWN) Fin whale (UNKNOWN) Humpback whale (UNKNOWN) Killer whale, orca (UNKNOWN) Long-finned pilot whale (UNKNOWN) Peale's dolphin (UNKNOWN) Pygmy right whale (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Sei whale (UNKNOWN) Short-finned pilot whale (UNKNOWN) South American fur seal (Chilean north stock) South American sea lion (South American sea lion chilean stock) Southern bottlenose whale (UNKNOWN) Southern elephant seal (UNKNOWN) Southern right whale (Chile-Peru Subpopulation) Southern right-whale dolphin (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Subantarctic fur seal (UNKNOWN) otter unspecified (UNKNOWN)	Antarctic minke whale (UNKNOWN): 0 Blainville's beaked whale (UNKNOWN): 0 Blue whale (UNKNOWN): 0 Burmeister's porpoise (UNKNOWN): 0 Chilean dolphin (Chilean north stock): 0 Chungungo, marine otter (UNKNOWN): 0 Commerson's dolphin (UNKNOWN): 0 Common bottlenose dolphin (UNKNOWN): 0 Common dolphin, saddleback dolphin (UNKNOWN): 0 Cuvier's beaked whale, goose-beaked whale (UNKNOWN): 0 Dusky dolphin (UNKNOWN): 0 False killer whale (UNKNOWN): 0 Fin whale (UNKNOWN): 0 Humpback whale (UNKNOWN): 0 Killer whale, orca (UNKNOWN): 0 Long-finned pilot whale (UNKNOWN): 0 Peale's dolphin (UNKNOWN): 0 Pygmy right whale (UNKNOWN): 0 Risso's dolphin, grampus (UNKNOWN): 0 Sei whale (UNKNOWN): 0 Short-finned pilot whale (UNKNOWN): 0 South American fur seal (Chilean north stock): 0 South American sea lion (South American sea lion chilean stock): UNKNOWN Southern bottlenose whale (UNKNOWN): 0 Southern elephant seal (UNKNOWN): 0 Southern right whale (Chile-Peru Subpopulation): 0 Southern right-whale dolphin (UNKNOWN): 0 Sperm whale, cachalot (UNKNOWN): 0 Subantarctic fur seal (UNKNOWN): 0 otter unspecified (UNKNOWN): 0	
Atlantic salmon (<i>Salmo salar</i>), Coho(=Silver) salmon (<i>Oncorhynchus kisutch</i>), Rainbow trout (<i>Oncorhynchus mykiss</i>)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: none provided, Licenses: none provided, Participants: 24, Aquaculture Facilities: 52	EEZ,(FAO:87 Pacific Southeast),87.3.11,REGIÓ N DE LOS LAGOS; COMUNAS DE CALBUCO, HUALAIHUE y PUERTO MONTT; ACS 2	Antarctic minke whale (UNKNOWN) Blainville's beaked whale (UNKNOWN) Blue whale (UNKNOWN) Burmeister's porpoise (UNKNOWN) Chilean dolphin (Chilean north stock) Chungungo, marine otter (UNKNOWN) Commerson's dolphin (UNKNOWN) Common bottlenose dolphin (UNKNOWN) Common dolphin, saddleback dolphin (UNKNOWN) Cuvier's beaked whale, goose-beaked whale (UNKNOWN) Dusky dolphin (UNKNOWN) False killer whale (UNKNOWN) Fin whale (UNKNOWN) Humpback whale (UNKNOWN) Killer whale, orca (UNKNOWN) Long-finned pilot whale (UNKNOWN) Peale's dolphin (UNKNOWN) Pygmy right whale (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Sei whale (UNKNOWN) Short-finned pilot whale (UNKNOWN) South American fur seal (Chilean north stock) South American sea lion (South American sea lion chilean stock) Southern bottlenose whale (UNKNOWN) Southern elephant seal (UNKNOWN) Southern right whale (Chile-Peru Subpopulation) Southern right-whale dolphin (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Subantarctic fur seal (UNKNOWN) otter unspecified (UNKNOWN)	Antarctic minke whale (UNKNOWN): 0 Blainville's beaked whale (UNKNOWN): 0 Blue whale (UNKNOWN): 0 Burmeister's porpoise (UNKNOWN): 0 Chilean dolphin (Chilean north stock): 0 Chungungo, marine otter (UNKNOWN): 0 Commerson's dolphin (UNKNOWN): 0 Common bottlenose dolphin (UNKNOWN): 0 Common dolphin, saddleback dolphin (UNKNOWN): 0 Cuvier's beaked whale, goose-beaked whale (UNKNOWN): 0 Dusky dolphin (UNKNOWN): 0 False killer whale (UNKNOWN): 0 Fin whale (UNKNOWN): 0 Humpback whale (UNKNOWN): 0 Killer whale, orca (UNKNOWN): 0 Long-finned pilot whale (UNKNOWN): 0 Peale's dolphin (UNKNOWN): 0 Pygmy right whale (UNKNOWN): 0 Risso's dolphin, grampus (UNKNOWN): 0 Sei whale (UNKNOWN): 0 Short-finned pilot whale (UNKNOWN): 0 South American fur seal (Chilean north stock): 0 South American sea lion (South American sea lion chilean stock): UNKNOWN Southern bottlenose whale (UNKNOWN): 0 Southern elephant seal (UNKNOWN): 0 Southern right whale (Chile-Peru Subpopulation): 0 Southern right-whale dolphin (UNKNOWN): 0 Sperm whale, cachalot (UNKNOWN): 0 Subantarctic fur seal (UNKNOWN): 0 otter unspecified (UNKNOWN): 0	
Atlantic salmon (<i>Salmo salar</i>), Coho(=Silver) salmon (<i>Oncorhynchus kisutch</i>), Rainbow trout (<i>Oncorhynchus mykiss</i>)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: none provided, Licenses: none provided, Participants: 2, Aquaculture Facilities: 9	EEZ,(FAO:87 Pacific Southeast),87.3.11,REGIÓ N DE LOS LAGOS; COMUNA DE ANCUD; ACS 6	Antarctic minke whale (UNKNOWN) Blainville's beaked whale (UNKNOWN) Blue whale (UNKNOWN) Burmeister's porpoise (UNKNOWN) Chilean dolphin (Chilean north stock) Chungungo, marine otter (UNKNOWN) Commerson's dolphin (UNKNOWN) Common bottlenose dolphin (UNKNOWN) Common dolphin, saddleback dolphin (UNKNOWN) Cuvier's beaked whale, goose-beaked whale (UNKNOWN) Dusky dolphin (UNKNOWN) False killer whale (UNKNOWN) Fin whale (UNKNOWN) Humpback whale (UNKNOWN) Killer whale, orca (UNKNOWN) Long-finned pilot whale (UNKNOWN) Peale's dolphin (UNKNOWN) Pygmy right whale (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Sei whale (UNKNOWN) Short-finned pilot whale (UNKNOWN) South American fur seal (Chilean north stock) South American sea lion (South American sea lion chilean stock) Southern bottlenose whale (UNKNOWN) Southern elephant seal (UNKNOWN) Southern right whale (Chile-Peru Subpopulation) Southern right-whale dolphin (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Subantarctic fur seal (UNKNOWN) otter unspecified (UNKNOWN)	Antarctic minke whale (UNKNOWN): 0 Blainville's beaked whale (UNKNOWN): 0 Blue whale (UNKNOWN): 0 Burmeister's porpoise (UNKNOWN): 0 Chilean dolphin (Chilean north stock): 0 Chungungo, marine otter (UNKNOWN): 0 Commerson's dolphin (UNKNOWN): 0 Common bottlenose dolphin (UNKNOWN): 0 Common dolphin, saddleback dolphin (UNKNOWN): 0 Cuvier's beaked whale, goose-beaked whale (UNKNOWN): 0 Dusky dolphin (UNKNOWN): 0 False killer whale (UNKNOWN): 0 Fin whale (UNKNOWN): 0 Humpback whale (UNKNOWN): 0 Killer whale, orca (UNKNOWN): 0 Long-finned pilot whale (UNKNOWN): 0 Peale's dolphin (UNKNOWN): 0 Pygmy right whale (UNKNOWN): 0 Risso's dolphin, grampus (UNKNOWN): 0 Sei whale (UNKNOWN): 0 Short-finned pilot whale (UNKNOWN): 0 South American fur seal (Chilean north stock): 0 South American sea lion (South American sea lion chilean stock): UNKNOWN Southern bottlenose whale (UNKNOWN): 0 Southern elephant seal (UNKNOWN): 0 Southern right whale (Chile-Peru Subpopulation): 0 Southern right-whale dolphin (UNKNOWN): 0 Sperm whale, cachalot (UNKNOWN): 0 Subantarctic fur seal (UNKNOWN): 0 otter unspecified (UNKNOWN): 0	

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Atlantic salmon (<i>Salmo salar</i>), Coho(=Silver) salmon (<i>Oncorhynchus kisutch</i>), Rainbow trout (<i>Oncorhynchus mykiss</i>)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: none provided, Licenses: none provided, Participants: 5, Aquaculture Facilities: 14	EEZ,(FAO:87 Pacific Southeast),87.3.11,REGIÓ N DE LOS LAGOS; COMUNA DE QUEMCHI; ACS 7	Antarctic minke whale (UNKNOWN) Blainville's beaked whale (UNKNOWN) Blue whale (UNKNOWN) Burmeister's porpoise (UNKNOWN) Chilean dolphin (Chilean north stock) Chungungo, marine otter (UNKNOWN) Commerson's dolphin (UNKNOWN) Common bottlenose dolphin (UNKNOWN) Common dolphin, saddleback dolphin (UNKNOWN) Cuvier's beaked whale, goose-beaked whale (UNKNOWN) Dusky dolphin (UNKNOWN) False killer whale (UNKNOWN) Fin whale (UNKNOWN) Humpback whale (UNKNOWN) Killer whale, orca (UNKNOWN) Long-finned pilot whale (UNKNOWN) Peale's dolphin (UNKNOWN) Pygmy right whale (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Sei whale (UNKNOWN) Short-finned pilot whale (UNKNOWN) South American fur seal (Chilean north stock) South American sea lion (South American sea lion chilean stock) Southern bottlenose whale (UNKNOWN) Southern elephant seal (UNKNOWN) Southern right whale (Chile-Peru Subpopulation) Southern right-whale dolphin (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Subantarctic fur seal (UNKNOWN) otter unspecified (UNKNOWN)	Antarctic minke whale (UNKNOWN): 0 Blainville's beaked whale (UNKNOWN): 0 Blue whale (UNKNOWN): 0 Burmeister's porpoise (UNKNOWN): 0 Chilean dolphin (Chilean north stock): 0 Chungungo, marine otter (UNKNOWN): 0 Commerson's dolphin (UNKNOWN): 0 Common bottlenose dolphin (UNKNOWN): 0 Common dolphin, saddleback dolphin (UNKNOWN): 0 Cuvier's beaked whale, goose-beaked whale (UNKNOWN): 0 Dusky dolphin (UNKNOWN): 0 False killer whale (UNKNOWN): 0 Fin whale (UNKNOWN): 0 Humpback whale (UNKNOWN): 0 Killer whale, orca (UNKNOWN): 0 Long-finned pilot whale (UNKNOWN): 0 Peale's dolphin (UNKNOWN): 0 Pygmy right whale (UNKNOWN): 0 Risso's dolphin, grampus (UNKNOWN): 0 Sei whale (UNKNOWN): 0 Short-finned pilot whale (UNKNOWN): 0 South American fur seal (Chilean north stock): 0 South American sea lion (South American sea lion chilean stock): UNKNOWN Southern bottlenose whale (UNKNOWN): 0 Southern elephant seal (UNKNOWN): 0 Southern right whale (Chile-Peru Subpopulation): 0 Southern right-whale dolphin (UNKNOWN): 0 Sperm whale, cachalot (UNKNOWN): 0 Subantarctic fur seal (UNKNOWN): 0 otter unspecified (UNKNOWN): 0	
Atlantic salmon (<i>Salmo salar</i>), Coho(=Silver) salmon (<i>Oncorhynchus kisutch</i>), Rainbow trout (<i>Oncorhynchus mykiss</i>)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: none provided, Licenses: none provided, Participants: 11, Aquaculture Facilities: 32	EEZ,(FAO:87 Pacific Southeast),87.3.11,REGIÓ N DE LOS LAGOS; COMUNAS DE DALCAHUE Y QUEMCHI; ACS 8	Antarctic minke whale (UNKNOWN) Blainville's beaked whale (UNKNOWN) Blue whale (UNKNOWN) Burmeister's porpoise (UNKNOWN) Chilean dolphin (Chilean north stock) Chungungo, marine otter (UNKNOWN) Commerson's dolphin (UNKNOWN) Common bottlenose dolphin (UNKNOWN) Common dolphin, saddleback dolphin (UNKNOWN) Cuvier's beaked whale, goose-beaked whale (UNKNOWN) Dusky dolphin (UNKNOWN) False killer whale (UNKNOWN) Fin whale (UNKNOWN) Humpback whale (UNKNOWN) Killer whale, orca (UNKNOWN) Long-finned pilot whale (UNKNOWN) Peale's dolphin (UNKNOWN) Pygmy right whale (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Sei whale (UNKNOWN) Short-finned pilot whale (UNKNOWN) South American fur seal (Chilean north stock) South American sea lion (South American sea lion chilean stock) Southern bottlenose whale (UNKNOWN) Southern elephant seal (UNKNOWN) Southern right whale (Chile-Peru Subpopulation) Southern right-whale dolphin (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Subantarctic fur seal (UNKNOWN) otter unspecified (UNKNOWN)	Antarctic minke whale (UNKNOWN): 0 Blainville's beaked whale (UNKNOWN): 0 Blue whale (UNKNOWN): 0 Burmeister's porpoise (UNKNOWN): 0 Chilean dolphin (Chilean north stock): 0 Chungungo, marine otter (UNKNOWN): 0 Commerson's dolphin (UNKNOWN): 0 Common bottlenose dolphin (UNKNOWN): 0 Common dolphin, saddleback dolphin (UNKNOWN): 0 Cuvier's beaked whale, goose-beaked whale (UNKNOWN): 0 Dusky dolphin (UNKNOWN): 0 False killer whale (UNKNOWN): 0 Fin whale (UNKNOWN): 0 Humpback whale (UNKNOWN): 0 Killer whale, orca (UNKNOWN): 0 Long-finned pilot whale (UNKNOWN): 0 Peale's dolphin (UNKNOWN): 0 Pygmy right whale (UNKNOWN): 0 Risso's dolphin, grampus (UNKNOWN): 0 Sei whale (UNKNOWN): 0 Short-finned pilot whale (UNKNOWN): 0 South American fur seal (Chilean north stock): 0 South American sea lion (South American sea lion chilean stock): UNKNOWN Southern bottlenose whale (UNKNOWN): 0 Southern elephant seal (UNKNOWN): 0 Southern right whale (Chile-Peru Subpopulation): 0 Southern right-whale dolphin (UNKNOWN): 0 Sperm whale, cachalot (UNKNOWN): 0 Subantarctic fur seal (UNKNOWN): 0 otter unspecified (UNKNOWN): 0	
Atlantic salmon (<i>Salmo salar</i>), Coho(=Silver) salmon (<i>Oncorhynchus kisutch</i>), Rainbow trout (<i>Oncorhynchus mykiss</i>)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: none provided, Licenses: none provided, Participants: 8, Aquaculture Facilities: 38	EEZ,(FAO:87 Pacific Southeast),87.3.11,REGIÓ N DE LOS LAGOS; COMUNAS DE QUEILEN Y QUELLÓN; ACS 11	Antarctic minke whale (UNKNOWN) Blainville's beaked whale (UNKNOWN) Blue whale (UNKNOWN) Burmeister's porpoise (UNKNOWN) Chilean dolphin (Chilean north stock) Chungungo, marine otter (UNKNOWN) Commerson's dolphin (UNKNOWN) Common bottlenose dolphin (UNKNOWN) Common dolphin, saddleback dolphin (UNKNOWN) Cuvier's beaked whale, goose-beaked whale (UNKNOWN) Dusky dolphin (UNKNOWN) False killer whale (UNKNOWN) Fin whale (UNKNOWN) Humpback whale (UNKNOWN) Killer whale, orca (UNKNOWN) Long-finned pilot whale (UNKNOWN) Peale's dolphin (UNKNOWN) Pygmy right whale (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Sei whale (UNKNOWN) Short-finned pilot whale (UNKNOWN) South American fur seal (Chilean north stock) South American sea lion (South American sea lion chilean stock) Southern bottlenose whale (UNKNOWN) Southern elephant seal (UNKNOWN) Southern right whale (Chile-Peru Subpopulation) Southern right-whale dolphin (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Subantarctic fur seal (UNKNOWN) otter unspecified (UNKNOWN)	Antarctic minke whale (UNKNOWN): 0 Blainville's beaked whale (UNKNOWN): 0 Blue whale (UNKNOWN): 0 Burmeister's porpoise (UNKNOWN): 0 Chilean dolphin (Chilean north stock): 0 Chungungo, marine otter (UNKNOWN): 0 Commerson's dolphin (UNKNOWN): 0 Common bottlenose dolphin (UNKNOWN): 0 Common dolphin, saddleback dolphin (UNKNOWN): 0 Cuvier's beaked whale, goose-beaked whale (UNKNOWN): 0 Dusky dolphin (UNKNOWN): 0 False killer whale (UNKNOWN): 0 Fin whale (UNKNOWN): 0 Humpback whale (UNKNOWN): 0 Killer whale, orca (UNKNOWN): 0 Long-finned pilot whale (UNKNOWN): 0 Peale's dolphin (UNKNOWN): 0 Pygmy right whale (UNKNOWN): 0 Risso's dolphin, grampus (UNKNOWN): 0 Sei whale (UNKNOWN): 0 Short-finned pilot whale (UNKNOWN): 0 South American fur seal (Chilean north stock): 0 South American sea lion (South American sea lion chilean stock): UNKNOWN Southern bottlenose whale (UNKNOWN): 0 Southern elephant seal (UNKNOWN): 0 Southern right whale (Chile-Peru Subpopulation): 0 Southern right-whale dolphin (UNKNOWN): 0 Sperm whale, cachalot (UNKNOWN): 0 Subantarctic fur seal (UNKNOWN): 0 otter unspecified (UNKNOWN): 0	

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Atlantic salmon (<i>Salmo salar</i>), Coho(=Silver) salmon (<i>Oncorhynchus kisutch</i>), Rainbow trout (<i>Oncorhynchus mykiss</i>)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: none provided, Licenses: none provided, Participants: 3, Aquaculture Facilities: 12	EEZ,(FAO:87 Pacific Southeast),87.3.11,REGIÓ N DE LOS LAGOS; COMUNA DE CHAITÉN; ACS 13	Antarctic minke whale (UNKNOWN) Blainville's beaked whale (UNKNOWN) Blue whale (UNKNOWN) Burmeister's porpoise (UNKNOWN) Chilean dolphin (Chilean north stock) Chungungo, marine otter (UNKNOWN) Commerson's dolphin (UNKNOWN) Common bottlenose dolphin (UNKNOWN) Common dolphin, saddleback dolphin (UNKNOWN) Cuvier's beaked whale, goose-beaked whale (UNKNOWN) Dusky dolphin (UNKNOWN) False killer whale (UNKNOWN) Fin whale (UNKNOWN) Humpback whale (UNKNOWN) Killer whale, orca (UNKNOWN) Long-finned pilot whale (UNKNOWN) Peale's dolphin (UNKNOWN) Pygmy right whale (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Sei whale (UNKNOWN) Short-finned pilot whale (UNKNOWN) South American fur seal (Chilean north stock) South American sea lion (South American sea lion chilean stock) Southern bottlenose whale (UNKNOWN) Southern elephant seal (UNKNOWN) Southern right whale (Chile-Peru Subpopulation) Southern right-whale dolphin (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Subantarctic fur seal (UNKNOWN) otter unspecified (UNKNOWN)	Antarctic minke whale (UNKNOWN): 0 Blainville's beaked whale (UNKNOWN): 0 Blue whale (UNKNOWN): 0 Burmeister's porpoise (UNKNOWN): 0 Chilean dolphin (Chilean north stock): 0 Chungungo, marine otter (UNKNOWN): 0 Commerson's dolphin (UNKNOWN): 0 Common bottlenose dolphin (UNKNOWN): 0 Common dolphin, saddleback dolphin (UNKNOWN): 0 Cuvier's beaked whale, goose-beaked whale (UNKNOWN): 0 Dusky dolphin (UNKNOWN): 0 False killer whale (UNKNOWN): 0 Fin whale (UNKNOWN): 0 Humpback whale (UNKNOWN): 0 Killer whale, orca (UNKNOWN): 0 Long-finned pilot whale (UNKNOWN): 0 Peale's dolphin (UNKNOWN): 0 Pygmy right whale (UNKNOWN): 0 Risso's dolphin, grampus (UNKNOWN): 0 Sei whale (UNKNOWN): 0 Short-finned pilot whale (UNKNOWN): 0 South American fur seal (Chilean north stock): 0 South American sea lion (South American sea lion chilean stock): UNKNOWN Southern bottlenose whale (UNKNOWN): 0 Southern elephant seal (UNKNOWN): 0 Southern right whale (Chile-Peru Subpopulation): 0 Southern right-whale dolphin (UNKNOWN): 0 Sperm whale, cachalot (UNKNOWN): 0 Subantarctic fur seal (UNKNOWN): 0 otter unspecified (UNKNOWN): 0	
Atlantic salmon (<i>Salmo salar</i>), Coho(=Silver) salmon (<i>Oncorhynchus kisutch</i>), Rainbow trout (<i>Oncorhynchus mykiss</i>)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: none provided, Licenses: none provided, Participants: 6, Aquaculture Facilities: 19	EEZ,(FAO:87 Pacific Southeast),87.3.11,REGIÓ N DE LOS LAGOS; COMUNA DE CHAITÉN; ACS 14	Antarctic minke whale (UNKNOWN) Blainville's beaked whale (UNKNOWN) Blue whale (UNKNOWN) Burmeister's porpoise (UNKNOWN) Chilean dolphin (Chilean north stock) Chungungo, marine otter (UNKNOWN) Commerson's dolphin (UNKNOWN) Common bottlenose dolphin (UNKNOWN) Common dolphin, saddleback dolphin (UNKNOWN) Cuvier's beaked whale, goose-beaked whale (UNKNOWN) Dusky dolphin (UNKNOWN) False killer whale (UNKNOWN) Fin whale (UNKNOWN) Humpback whale (UNKNOWN) Killer whale, orca (UNKNOWN) Long-finned pilot whale (UNKNOWN) Peale's dolphin (UNKNOWN) Pygmy right whale (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Sei whale (UNKNOWN) Short-finned pilot whale (UNKNOWN) South American fur seal (Chilean north stock) South American sea lion (South American sea lion chilean stock) Southern bottlenose whale (UNKNOWN) Southern elephant seal (UNKNOWN) Southern right whale (Chile-Peru Subpopulation) Southern right-whale dolphin (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Subantarctic fur seal (UNKNOWN) otter unspecified (UNKNOWN)	Antarctic minke whale (UNKNOWN): 0 Blainville's beaked whale (UNKNOWN): 0 Blue whale (UNKNOWN): 0 Burmeister's porpoise (UNKNOWN): 0 Chilean dolphin (Chilean north stock): 0 Chungungo, marine otter (UNKNOWN): 0 Commerson's dolphin (UNKNOWN): 0 Common bottlenose dolphin (UNKNOWN): 0 Common dolphin, saddleback dolphin (UNKNOWN): 0 Cuvier's beaked whale, goose-beaked whale (UNKNOWN): 0 Dusky dolphin (UNKNOWN): 0 False killer whale (UNKNOWN): 0 Fin whale (UNKNOWN): 0 Humpback whale (UNKNOWN): 0 Killer whale, orca (UNKNOWN): 0 Long-finned pilot whale (UNKNOWN): 0 Peale's dolphin (UNKNOWN): 0 Pygmy right whale (UNKNOWN): 0 Risso's dolphin, grampus (UNKNOWN): 0 Sei whale (UNKNOWN): 0 Short-finned pilot whale (UNKNOWN): 0 South American fur seal (Chilean north stock): 0 South American sea lion (South American sea lion chilean stock): UNKNOWN Southern bottlenose whale (UNKNOWN): 0 Southern elephant seal (UNKNOWN): 0 Southern right whale (Chile-Peru Subpopulation): 0 Southern right-whale dolphin (UNKNOWN): 0 Sperm whale, cachalot (UNKNOWN): 0 Subantarctic fur seal (UNKNOWN): 0 otter unspecified (UNKNOWN): 0	
Atlantic salmon (<i>Salmo salar</i>), Coho(=Silver) salmon (<i>Oncorhynchus kisutch</i>), Rainbow trout (<i>Oncorhynchus mykiss</i>)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: none provided, Licenses: none provided, Participants: 5, Aquaculture Facilities: 18	EEZ,(FAO:87 Pacific Southeast),87.3.11,REGIÓ N DE LOS LAGOS; COMUNA DE CHAITÉN; ACS 15	Antarctic minke whale (UNKNOWN) Blainville's beaked whale (UNKNOWN) Blue whale (UNKNOWN) Burmeister's porpoise (UNKNOWN) Chilean dolphin (Chilean north stock) Chungungo, marine otter (UNKNOWN) Commerson's dolphin (UNKNOWN) Common bottlenose dolphin (UNKNOWN) Common dolphin, saddleback dolphin (UNKNOWN) Cuvier's beaked whale, goose-beaked whale (UNKNOWN) Dusky dolphin (UNKNOWN) False killer whale (UNKNOWN) Fin whale (UNKNOWN) Humpback whale (UNKNOWN) Killer whale, orca (UNKNOWN) Long-finned pilot whale (UNKNOWN) Peale's dolphin (UNKNOWN) Pygmy right whale (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Sei whale (UNKNOWN) Short-finned pilot whale (UNKNOWN) South American fur seal (Chilean north stock) South American sea lion (South American sea lion chilean stock) Southern bottlenose whale (UNKNOWN) Southern elephant seal (UNKNOWN) Southern right whale (Chile-Peru Subpopulation) Southern right-whale dolphin (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Subantarctic fur seal (UNKNOWN) otter unspecified (UNKNOWN)	Antarctic minke whale (UNKNOWN): 0 Blainville's beaked whale (UNKNOWN): 0 Blue whale (UNKNOWN): 0 Burmeister's porpoise (UNKNOWN): 0 Chilean dolphin (Chilean north stock): 0 Chungungo, marine otter (UNKNOWN): 0 Commerson's dolphin (UNKNOWN): 0 Common bottlenose dolphin (UNKNOWN): 0 Common dolphin, saddleback dolphin (UNKNOWN): 0 Cuvier's beaked whale, goose-beaked whale (UNKNOWN): 0 Dusky dolphin (UNKNOWN): 0 False killer whale (UNKNOWN): 0 Fin whale (UNKNOWN): 0 Humpback whale (UNKNOWN): 0 Killer whale, orca (UNKNOWN): 0 Long-finned pilot whale (UNKNOWN): 0 Peale's dolphin (UNKNOWN): 0 Pygmy right whale (UNKNOWN): 0 Risso's dolphin, grampus (UNKNOWN): 0 Sei whale (UNKNOWN): 0 Short-finned pilot whale (UNKNOWN): 0 South American fur seal (Chilean north stock): 0 South American sea lion (South American sea lion chilean stock): UNKNOWN Southern bottlenose whale (UNKNOWN): 0 Southern elephant seal (UNKNOWN): 0 Southern right whale (Chile-Peru Subpopulation): 0 Southern right-whale dolphin (UNKNOWN): 0 Sperm whale, cachalot (UNKNOWN): 0 Subantarctic fur seal (UNKNOWN): 0 otter unspecified (UNKNOWN): 0	

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Atlantic salmon (<i>Salmo salar</i>), Coho(=Silver) salmon (<i>Oncorhynchus kisutch</i>), Rainbow trout (<i>Oncorhynchus mykiss</i>)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: none provided, Licenses: none provided, Participants: 7, Aquaculture Facilities: 20	EEZ,(FAO:87 Pacific Southeast),87.3.11,REGIÓN DE LOS LAGOS; COMUNA DE CHAITÉN; ACS 16	Antarctic minke whale (UNKNOWN) Blainville's beaked whale (UNKNOWN) Bue whale (UNKNOWN) Burmeister's porpoise (UNKNOWN) Chilean dolphin (Chilean north stock) Chungungo, marine otter (UNKNOWN) Commerson's dolphin (UNKNOWN) Common bottlenose dolphin (UNKNOWN) Common dolphin, saddleback dolphin (UNKNOWN) Cuvier's beaked whale, goose-beaked whale (UNKNOWN) Dusky dolphin (UNKNOWN) False killer whale (UNKNOWN) Fin whale (UNKNOWN) Humpback whale (UNKNOWN) Killer whale, orca (UNKNOWN) Long-finned pilot whale (UNKNOWN) Peale's dolphin (UNKNOWN) Pygmy right whale (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Sei whale (UNKNOWN) Short-finned pilot whale (UNKNOWN) South American fur seal (Chilean north stock) South American sea lion (South American sea lion chilean stock) Southern bottlenose whale (UNKNOWN) Southern elephant seal (UNKNOWN) Southern right whale (Chile-Peru Subpopulation) Southern right-whale dolphin (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Subantarctic fur seal (UNKNOWN) otter unspecified (UNKNOWN)	Antarctic minke whale (UNKNOWN): 0 Blainville's beaked whale (UNKNOWN): 0 Blue whale (UNKNOWN): 0 Burmeister's porpoise (UNKNOWN): 0 Chilean dolphin (Chilean north stock): 0 Chungungo, marine otter (UNKNOWN): 0 Commerson's dolphin (UNKNOWN): 0 Common bottlenose dolphin (UNKNOWN): 0 Common dolphin, saddleback dolphin (UNKNOWN): 0 Cuvier's beaked whale, goose-beaked whale (UNKNOWN): 0 Dusky dolphin (UNKNOWN): 0 False killer whale (UNKNOWN): 0 Fin whale (UNKNOWN): 0 Humpback whale (UNKNOWN): 0 Killer whale, orca (UNKNOWN): 0 Long-finned pilot whale (UNKNOWN): 0 Peale's dolphin (UNKNOWN): 0 Pygmy right whale (UNKNOWN): 0 Risso's dolphin, grampus (UNKNOWN): 0 Sei whale (UNKNOWN): 0 Short-finned pilot whale (UNKNOWN): 0 South American fur seal (Chilean north stock): 0 South American sea lion (South American sea lion chilean stock): UNKNOWN Southern bottlenose whale (UNKNOWN): 0 Southern elephant seal (UNKNOWN): 0 Southern right whale (Chile-Peru Subpopulation): 0 Southern right-whale dolphin (UNKNOWN): 0 Sperm whale, cachalot (UNKNOWN): 0 Subantarctic fur seal (UNKNOWN): 0 otter unspecified (UNKNOWN): 0	

China

Exempt Fisheries						
Marine worms (<i>Polychaeta</i>)	Aquaculture (bottom), (Bottom), Aquaculture (ponds), (Bottom)	UNKNOWN	EEZ,(FAO:61 Pacific Northwest),this species is aquaculture at intertidal zone along the coastal of North China			
Sea urchins nei (<i>Strongylocentrotus</i> spp)	Aquaculture (bottom), (Bottom)	Number of Vessels: unknown, Licenses: unknown, Participants: 0, Aquaculture Facilities: 2	EEZ,(FAO:61 Pacific Northwest),None provided			
Trouts nei (<i>Salmo</i> spp)	Aquaculture (cages, net pens), (Benthic), Aquaculture (freshwater), (Benthic), Aquaculture (inland), (Benthic)	Number of Vessels: NO, Licenses: none provided, Participants: none provided, Aquaculture Facilities: 2	EEZ,(FAO:61 Pacific Northwest),Qinghai Province			
Abalones nei (<i>Haliotis</i> spp)	Aquaculture (bottom), (Bottom)	Number of Vessels: NO, Licenses: none provided, Participants: none provided, Aquaculture Facilities: 109	EEZ,(FAO:61 Pacific Northwest),liaoning,shandon g,fujian,guangdong province			
Conch nei (<i>Strombidae</i>), Sea snails (<i>Rapana</i> spp)	Aquaculture (bottom), (Bottom)	Number of Vessels: no, Licenses: none provided, Participants: none provided, Aquaculture Facilities: 6	EEZ,(FAO:61 Pacific Northwest),liaoning,shandon g,jiangsu,fujian,guangdong, zhejiang, Guangxi province			

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Pearl oysters nei (<i>Pinctada</i> spp)	Aquaculture (basket), (Bottom)	Number of Vessels: no, Licenses: none provided, Participants: none provided, Aquaculture Facilities: 53	EEZ,(FAO:61 Pacific Northwest),liaoning,shandon g,jiangsu,fujian,Guangdong, zhejiang,Guangxi province			
Sea mussels nei (<i>Mytilidae</i>)	Aquaculture (rafts, mats), (Bottom)	Number of Vessels: NO, Licenses: none provided, Participants: none provided, Aquaculture Facilities: 55	EEZ,(FAO:61 Pacific Northwest),liaoning,shandon g,Jiangsu,fujian,zhejiang,gu angdong province			
Kelps nei (<i>Laminariaceae</i>)	Aquaculture (cages, net pens), (Benthic)	Number of Vessels: no, Licenses: none provided, Participants: none provided, Aquaculture Facilities: 35	EEZ,(FAO:61 Pacific Northwest),liaoning,Shando ng,jiangsu,fujian,guangdong ,zhejiang province			
Laver (Nori) (<i>Porphyra tenera</i>)	Aquaculture (cages, net pens), (Benthic)	Number of Vessels: no, Licenses: none provided, Participants: none provided, Aquaculture Facilities: 8	EEZ,(FAO:61 Pacific Northwest),shandong,jiangs u,fujian,zhejiang province			
Wakame (<i>Undaria pinnatifida</i>)	Aquaculture (cages, net pens), (Benthic)	Number of Vessels: no, Licenses: none provided, Participants: none provided, Aquaculture Facilities: 47	EEZ,(FAO:61 Pacific Northwest),Liaoning,Zhejiang g,Shandong province			
Yellow croaker (<i>Larimichthys polyactis</i>)	Aquaculture (cages, net pens), (Benthic)	Number of Vessels: NO, Licenses: none provided, Participants: none provided, Aquaculture Facilities: 30	EEZ,(FAO:61 Pacific Northwest),Fujian,Guangdo ng,Zhejiang,Shandong Provinces			
Seaweeds nei (<i>Algae</i>)	Aquaculture (cages, net pens), (Benthic)	Number of Vessels: no, Licenses: none provided, Participants: none provided, Aquaculture Facilities: 3	EEZ,(FAO:61 Pacific Northwest),Shandong,Jiang su,Fujian,Zhejiang Provincs			
Silver pomfret (<i>Pampus argenteus</i>)	Aquaculture (cages, net pens), (Demersal), Aquaculture (ponds), (Demersal)	Number of Vessels: No, Licenses: none provided, Participants: none provided, Aquaculture Facilities: 57	EEZ,(FAO:61 Pacific Northwest),Fujian,Guangdo ng,Guangxi,Hainan provinces			
Flat and cupped oysters nei (<i>Ostreidae</i>)	Aquaculture (basket), (Bottom), Aquaculture (bottom), (Bottom)	Number of Vessels: no, Licenses: none provided, Participants: none provided, Aquaculture Facilities: 52	EEZ,(FAO:61 Pacific Northwest),Coastal provinces			

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Eels/morays/congers nei (Anguilliformes)	Aquaculture (cages, net pens), (Demersal), Aquaculture (inland), (Demersal), Aquaculture (ponds), (Demersal)	Number of Vessels: No, Licenses: none provided, Participants: none provided, Aquaculture Facilities: 255	EEZ,(FAO:61 Pacific Northwest),Fujian,Guangdong,Jiangxi Provinces			
Scallops nei (Pectinidae)	Aquaculture (rafts, mats), (Bottom)	Number of Vessels: no, Licenses: none provided, Participants: 2000, Aquaculture Facilities: 45	EEZ,(FAO:61 Pacific Northwest),zhangzidao island-north yellow sea			
Antarctic krill (Euphausia superba)	Single boat midwater otter trawls, (Midwater)	Number of Vessels: 2, Licenses: 2, Participants: 2, Aquaculture Facilities: 0	High Seas,(FAO:58 Antarctic and Southern Indian Ocean , FAO:48 Atlantic Antarctic),48.1, 48.2, 48.3, 48.4, 58.4.1, 58.4.2,Antarctic Peninsula Subareas 48.1-4,Antarctic and Southern Indian Ocean 58.4.1,58.4.2	Antarctic fur seal (UNKNOWN) Seal unspecified (UNKNOWN)	Antarctic fur seal (UNKNOWN): NOT PROVIDED Seal unspecified (UNKNOWN): NOT PROVIDED	CCAMLR
Sauries nei (Scomberesocidae)	dip nets, (Surface)	UNKNOWN	High Seas,(FAO:61 Pacific Northwest),North Pacific			NPFC
Sea cucumbers nei (Holothuroidea)	Diving (SCUBA and/or free-diving)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northern part of China			
Scallops nei (Pectinidae)	Aquaculture (rafts, mats), (Bottom)	Number of Vessels: No, Licenses: none provided, Participants: 20000, Aquaculture Facilities: 91	EEZ,(FAO:61 Pacific Northwest),Zhangzidao Island - North Yellow Sea			
Cuttlefishes nei (Sepia spp), Marine shells nei (Ex Mollusca), Precious corals nei (Corallium spp)	Aquaculture (bottom), (Bottom)	UNKNOWN	EEZ,(FAO:61 Pacific Northwest),coastal provinces			
Sponges (Spongiidae)	Diving (SCUBA and/or free-diving), (Bottom)	Number of Vessels: 300, Licenses: 300, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:71 Pacific Western Central),Coral reef			
Various squids nei (Loliginidae, Ommastrephidae)	Jig, (Surface)	Number of Vessels: 20, Licenses: 20, Participants: none provided, Aquaculture Facilities: none provided	High Seas,(FAO:51 Indian Ocean Western),Indian Ocean			
Various squids nei (Loliginidae, Ommastrephidae)	Jig, (Surface)	Number of Vessels: 100, Licenses: 100, Participants: none provided, Aquaculture Facilities: none provided	High Seas,(FAO:41 Atlantic Southwest),Southwest Atlantic			

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Various squids nei (Loliginidae, Ommastrephidae)	Jig, (Surface)	Number of Vessels: 591, Licenses: 591, Participants: none provided, Aquaculture Facilities: none provided	High Seas,(FAO:87 Pacific Southeast),South Pacific			SPRFMO
Various squids nei (Loliginidae, Ommastrephidae)	Jig, (Surface)	Number of Vessels: 355, Licenses: 355, Participants: none provided, Aquaculture Facilities: none provided	High Seas,(FAO:61 Pacific Northwest),North Pacific			NPFC
Sea cucumbers nei (Holothuroidea)	Aquaculture (bottom), (Bottom)	UNKNOWN	EEZ,(FAO:61 Pacific Northwest), Sea cucumber farming and ranching is a key part of the aquaculture sector in northern China, including the Liaoning and Shandong Provinces (http://www.fao.org/docrep/007/y5501e/y5501e08.htm)			

Export Fisheries

Callinectes swimcrabs nei (Callinectes spp), Gazami crab (Portunus trituberculatus), Marine crabs nei (Brachyura), Swimming crabs/etc. nei (Portunidae)	Drift gillnets, (Bottom)	Number of Vessels: About 900, Licenses: 900, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),East China Sea; Yellow & Bohai Sea	East Asian finless porpoise, sunameri (UNKNOWN) Indo-Pacific finless porpoise (UNKNOWN)	East Asian finless porpoise, sunameri (UNKNOWN): UNKNOWN Indo-Pacific finless porpoise (UNKNOWN): UNKNOWN	
Bonitos nei (Sarda spp), Herrings/sardines nei (Clupeidae)	Purse seines, (Surface)	Number of Vessels: About 2600, Licenses: 2600, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),East China Sea; South China Sea; Yellow & Bohai Sea	East Asian finless porpoise, sunameri (UNKNOWN) Indo-Pacific finless porpoise (UNKNOWN) Pantropical spotted dolphin (UNKNOWN)	East Asian finless porpoise, sunameri (UNKNOWN): UNKNOWN Indo-Pacific finless porpoise (UNKNOWN): UNKNOWN Pantropical spotted dolphin (UNKNOWN): UNKNOWN	
Anchovies nei (Engraulis spp), Japanese grenadier anchovy (Coilia nasus)	Midwater pair trawls, (Midwater)	Number of Vessels: About 1500, Licenses: 1500, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Yellow & Bohai Sea	East Asian finless porpoise, sunameri (UNKNOWN) Indo-Pacific finless porpoise (UNKNOWN)	East Asian finless porpoise, sunameri (UNKNOWN): UNKNOWN Indo-Pacific finless porpoise (UNKNOWN): UNKNOWN	
Anchovies nei (Engraulis spp), Japanese grenadier anchovy (Coilia nasus)	Stow nets, (Midwater)	Number of Vessels: 13500, Licenses: 13500, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),East China Sea; South China Sea; Yellow & Bohai Sea	East Asian finless porpoise, sunameri (UNKNOWN) Indo-Pacific finless porpoise (UNKNOWN)	East Asian finless porpoise, sunameri (UNKNOWN): UNKNOWN Indo-Pacific finless porpoise (UNKNOWN): UNKNOWN	
Cuttlefishes nei (Sepia spp), Demersal fishes nei (Osteichthyes), Flatfishes nei (Pleuronectiformes), Groundfishes nei (Osteichthyes), Marine fishes nei (Osteichthyes), Octopuses nei (Octopus spp), Various squids nei (Loliginidae, Ommastrephidae)	Trawls (not specified), (Bottom)	Number of Vessels: 44, Licenses: 44, Participants: 350, Aquaculture Facilities: 0	EEZ,Guinea,Senegal,(FAO: 34 Atlantic Eastern Central),Southeast Atlantic FAO Area 34	Dolphin unspecified (UNKNOWN)	Dolphin unspecified (UNKNOWN): UNKNOWN	
Pelagic fishes nei (Osteichthyes)	Bottom trawls (not specified), (Bottom)	Number of Vessels: 6, Licenses: 6, Participants: 60, Aquaculture Facilities: 0	EEZ,Guinea,Liberia,(FAO:3 4 Atlantic Eastern Central),Southeast Atlantic FAO Area 34, Liberia EEZ	Dolphin unspecified (UNKNOWN)	Dolphin unspecified (UNKNOWN): UNKNOWN	
Argentine shortfin squid (Illex argentinus), Hakes nei (Merluccius spp), Longtail Southern cod (Patagonotothen ramsayi)	Trawls (not specified), (Demersal)	Number of Vessels: 30, Licenses: 30, Participants: none provided, Aquaculture Facilities: none provided	High Seas,(FAO:41 Atlantic Southwest),Southwest Atlantic	Seal unspecified (UNKNOWN)	Seal unspecified (UNKNOWN): UNKNOWN	

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Jack and horse mackerels nei (Trachurus spp)	Midwater trawls (not specified), (Midwater)	Number of Vessels: 2, Licenses: 2, Participants: none provided, Aquaculture Facilities: none provided	High Seas,(FAO:87 Pacific Southeast),87.1.4, 87.2.6, 87.3.3,Southeast Pacific			CPPS,SP RFMO
Australian spotted mackerel (Scomberomorus munroi), Jack and horse mackerels nei (Trachurus spp), Pacific chub mackerel (Scomber japonicus), Sardinellas nei (Sardinella spp)	Trawls (not specified), (Midwater)	Number of Vessels: 2, Licenses: 2, Participants: none provided, Aquaculture Facilities: none provided	High Seas,(FAO:67 Pacific Northeast, FAO:61 Pacific Northwest),North Pacific	Seal unspecified (UNKNOWN) Whale unspecified (UNKNOWN)	Seal unspecified (UNKNOWN): 0 Whale unspecified (UNKNOWN): 0	NPFC
Australian spotted mackerel (Scomberomorus munroi), Jack and horse mackerels nei (Trachurus spp), Pacific chub mackerel (Scomber japonicus), Pilchards nei (Sardinops spp)	Purse seines, (Surface)	Number of Vessels: 58, Licenses: 58, Participants: none provided, Aquaculture Facilities: none provided	High Seas,(FAO:61 Pacific Northwest),North Pacific	Seal unspecified (UNKNOWN)	Seal unspecified (UNKNOWN): 0	NPFC
Bigeye tuna (Thunnus obesus), Yellowfin tuna (Thunnus albacares)	Drifting longlines, (Pelagic)	Number of Vessels: 43, Licenses: 43, Participants: none provided, Aquaculture Facilities: none provided	High Seas, Guinea, Morocco, (FAO:34 Atlantic Eastern Central, FAO:31 Atlantic Western Central),34.3.3, 34.4.1, 34.4.2,Atlantic Ocean International Convention for the Conservation of Atlantic Tuna Convention area	Dolphin unspecified (UNKNOWN) False killer whale (UNKNOWN)	Dolphin unspecified (UNKNOWN): 0 False killer whale (UNKNOWN): 0	ICCAT,ICES
Albacore (Thunnus alalunga), Swordfish (Xiphias gladius), Yellowfin tuna (Thunnus albacares)	Drifting longlines, (Pelagic)	Number of Vessels: 77, Licenses: 77, Participants: none provided, Aquaculture Facilities: none provided	High Seas, India, Madagascar,Malaysia,Mauritania,Mozambique,Myanmar (Burma), Thailand, (FAO:51 Indian Ocean Western),51.4, 51.5, 51.6, 51.7,Indian Ocean	Dolphin unspecified (UNKNOWN) False killer whale (UNKNOWN)	Dolphin unspecified (UNKNOWN): UNKNOWN False killer whale (UNKNOWN): UNKNOWN	BOBP-IGO
Albacore (Thunnus alalunga), Bigeye tuna (Thunnus obesus), Dolphinfishes nei (Coryphaenidae), Swordfish (Xiphias gladius), Tunas nei (Thunnini), Yellowfin tuna (Thunnus albacares)	Longlines (not specified), (Pelagic)	Number of Vessels: 109, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	High Seas,Cook Islands,(FAO:71 Pacific Western Central),Western Central Pacific Ocean, Western Central Pacific Fisheries Commission Convention Area	Dolphin unspecified (UNKNOWN) False killer whale (UNKNOWN)	Dolphin unspecified (UNKNOWN): UNKNOWN False killer whale (UNKNOWN): UNKNOWN	WCPFC
Bigeye tuna (Thunnus obesus), Skipjack tuna (Katsuwonus pelamis), Yellowfin tuna (Thunnus albacares)	Purse seines, (Surface)	Number of Vessels: 18, Licenses: 18, Participants: none provided, Aquaculture Facilities: none provided	EEZ,Papua New Guinea,(FAO:71 Pacific Western Central),Western Central Pacific Ocean, Western Central Pacific Fisheries Commission Convention Area	Common bottlenose dolphin (UNKNOWN) Dolphin unspecified (UNKNOWN) False killer whale (UNKNOWN) Melon-headed whale, Electra dolphin (UNKNOWN) Rough-toothed dolphin (UNKNOWN) Striped dolphin (UNKNOWN)	Common bottlenose dolphin (UNKNOWN): UNKNOWN Dolphin unspecified (UNKNOWN): UNKNOWN False killer whale (UNKNOWN): UNKNOWN Melon-headed whale, Electra dolphin (UNKNOWN): UNKNOWN Rough-toothed dolphin (UNKNOWN): UNKNOWN Striped dolphin (UNKNOWN): UNKNOWN	WCPFC
Albacore (Thunnus alalunga), Tunas nei (Thunnini)	Longlines (not specified), (Pelagic)	Number of Vessels: 10, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	High Seas,(FAO:61 Pacific Northwest, FAO:71 Pacific Western Central),North Pacific	False killer whale (UNKNOWN)	False killer whale (UNKNOWN): UNKNOWN	WCPFC

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Albacore (Thunnus alalunga)	Longlines (not specified), (Pelagic)	Number of Vessels: 300, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	High Seas, Cook Islands, Federated States of Micronesia, Fiji, Marshall Islands, Palau, Tonga, (FAO:81 Pacific Southwest, FAO:71 Pacific Western Central), South Pacific	False killer whale (UNKNOWN)	False killer whale (UNKNOWN): UNKNOWN	WCPFC
Albacore (Thunnus alalunga), Dolphinfishes nei (Coryphaenidae), Skipjack tuna (Katsuwonus pelamis), Swordfish (Xiphias gladius), Tunas nei (Thunnini), Yellowfin tuna (Thunnus albacares)	Longlines (not specified), (Pelagic)	Number of Vessels: 100, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	High Seas, (FAO:77 Pacific Eastern Central, FAO:87 Pacific Southeast, FAO:81 Pacific Southwest), Eastern Tropical Pacific Ocean, Inter-American Tropical Tuna Commission Convention Area	False killer whale (UNKNOWN)	False killer whale (UNKNOWN): UNKNOWN	IATTC
Conger eels nei (Conger spp), Octopuses nei (Octopus spp), Whiparm octopus (Octopus variabilis)	eel traps, (Bottom)	Number of Vessels: About 1400, Licenses: 1400, Participants: none provided, Aquaculture Facilities: none provided	EEZ, (FAO:61 Pacific Northwest), East China Sea; South China Sea; Yellow & Bohai Sea	East Asian finless porpoise, sunameri (UNKNOWN) Indo-Pacific finless porpoise (UNKNOWN)	East Asian finless porpoise, sunameri (UNKNOWN): UNKNOWN Indo-Pacific finless porpoise (UNKNOWN): UNKNOWN	
Herrings/sardines nei (Clupeidae)	Lift nets (not specified), (Surface)	Number of Vessels: About 800, Licenses: 800, Participants: none provided, Aquaculture Facilities: none provided	EEZ, (FAO:61 Pacific Northwest), East China Sea	East Asian finless porpoise, sunameri (UNKNOWN) Indo-Pacific finless porpoise (UNKNOWN) Pantropical spotted dolphin (UNKNOWN)	East Asian finless porpoise, sunameri (UNKNOWN): UNKNOWN Indo-Pacific finless porpoise (UNKNOWN): UNKNOWN Pantropical spotted dolphin (UNKNOWN): UNKNOWN	
Herrings/sardines nei (Clupeidae)	Falling nets, (Surface)	Number of Vessels: About 3500, Licenses: 3500, Participants: none provided, Aquaculture Facilities: none provided	EEZ, (FAO:61 Pacific Northwest), South China Sea	Indo-Pacific finless porpoise (UNKNOWN) Pantropical spotted dolphin (UNKNOWN)	Indo-Pacific finless porpoise (UNKNOWN): UNKNOWN Pantropical spotted dolphin (UNKNOWN): UNKNOWN	
Conger eels nei (Conger spp)	Longlines (not specified), (Bottom)	Number of Vessels: About 900, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ, (FAO:61 Pacific Northwest), East China Sea; South China Sea; Yellow & Bohai Sea	East Asian finless porpoise, sunameri (UNKNOWN) Indo-Pacific finless porpoise (UNKNOWN)	East Asian finless porpoise, sunameri (UNKNOWN): 0 Indo-Pacific finless porpoise (UNKNOWN): 0	
Conger eels nei (Conger spp), Cuttlefishes nei (Sepia spp), Marine crabs nei (Brachyura), Monkfishes nei (Lophius spp), Octopuses nei (Octopus spp), Swimming crabs/etc. nei (Portunidae), Whiparm octopus (Octopus variabilis)	Bottom trawls (not specified), (Bottom)	Number of Vessels: About 20000, Licenses: 20000, Participants: none provided, Aquaculture Facilities: none provided	EEZ, (FAO:61 Pacific Northwest), East China Sea; South China Sea; Yellow & Bohai Sea	East Asian finless porpoise, sunameri (UNKNOWN) Indo-Pacific finless porpoise (UNKNOWN)	East Asian finless porpoise, sunameri (UNKNOWN): UNKNOWN Indo-Pacific finless porpoise (UNKNOWN): UNKNOWN	
Callinectes swimcrabs nei (Callinectes spp), Gazami crab (Portunus trituberculatus), Marine crabs nei (Brachyura), Octopuses nei (Octopus spp), Swimming crabs/etc. nei (Portunidae), Whiparm octopus (Octopus variabilis)	Pots/traps, (Bottom)	Number of Vessels: About 2500, Licenses: 2500, Participants: none provided, Aquaculture Facilities: none provided	EEZ, (FAO:61 Pacific Northwest), East China Sea; South China Sea; Yellow & Bohai Sea	East Asian finless porpoise, sunameri (UNKNOWN) Indo-Pacific finless porpoise (UNKNOWN)	East Asian finless porpoise, sunameri (UNKNOWN): UNKNOWN Indo-Pacific finless porpoise (UNKNOWN): UNKNOWN	
Callinectes swimcrabs nei (Callinectes spp), Gazami crab (Portunus trituberculatus), Marine crabs nei (Brachyura), Marine crustaceans nei (Crustacea), Swimming crabs/etc. nei (Portunidae), marine shrimps nei	shrimp/prawn trawl, (Bottom)	Number of Vessels: About 13000, Licenses: 13000, Participants: none provided, Aquaculture Facilities: none provided	EEZ, (FAO:61 Pacific Northwest), East China Sea; South China Sea; Yellow & Bohai Sea	East Asian finless porpoise, sunameri (UNKNOWN) Indo-Pacific finless porpoise (UNKNOWN) Indo-Pacific humpback dolphin (UNKNOWN) Pantropical spotted dolphin (UNKNOWN)	East Asian finless porpoise, sunameri (UNKNOWN): UNKNOWN Indo-Pacific finless porpoise (UNKNOWN): UNKNOWN Indo-Pacific humpback dolphin (UNKNOWN): UNKNOWN Pantropical spotted dolphin (UNKNOWN): UNKNOWN	

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Colombia						
Export Fisheries						
Blue crab (<i>Callinectes sapidus</i>), Bluntfoot swimcrab (<i>Callinectes bocourti</i>), Giant swimcrab (<i>Callinectes toxotes</i>)	Crab nets, (Demersal)	UNKNOWN	EEZ,(FAO:31 Atlantic Western Central, FAO:87 Pacific Southeast)			
Sea cucumbers nei (Holothuroidea)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	None provided			
Marine molluscs nei (Mollusca)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	None provided			
Lobsters nei (Reptantia)	Pots/traps, (Bottom)	UNKNOWN	EEZ,(FAO:31 Atlantic Western Central),Caribe insular colombiano			
Albacore (<i>Thunnus alalunga</i>), Tunas nei (Thunnini)	Longlines (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	western central and southwest Atlantic			
Bigeye tuna (<i>Thunnus obesus</i>), Skipjack tuna (<i>Katsuwonus pelamis</i>), Tunas nei (Thunnini), Yellowfin tuna (<i>Thunnus albacares</i>)	Purse seines, (Pelagic)	Number of Vessels: 14, Licenses: 14, Participants: 14, Aquaculture Facilities: 0	High Seas,EEZ,(FAO:77 Pacific Eastern Central, FAO:87 Pacific Southeast),Eastern Tropical Pacific	Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED) Eastern spinner dolphin (STOCK NOT SPECIFIED) Offshore pantropical spotted dolphin (STOCK NOT SPECIFIED) Spinner dolphin (STOCK NOT SPECIFIED)	Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED): 6.6 Eastern spinner dolphin (STOCK NOT SPECIFIED): 2.3 Offshore pantropical spotted dolphin (STOCK NOT SPECIFIED): 49.3 Spinner dolphin (STOCK NOT SPECIFIED): 16.3	IATTC
marine shrimps nei	Trawls (not specified), (Bottom)	Number of Vessels: 37, Licenses: 37, Participants: 37, Aquaculture Facilities: 0	EEZ,(FAO:31 Atlantic Western Central, FAO:87 Pacific Southeast),In the colombian Pacific: Shallow and Deep waters up to120 fathoms and the Colombian Caribbean shallow waters	Common bottlenose dolphin (STOCK NOT SPECIFIED)	Common bottlenose dolphin (STOCK NOT SPECIFIED): NOT PROVIDED	
Dolphinfishes nei (Coryphaenidae), Groundfishes nei (Osteichthyes), Mackerels nei (Scombridae), Snappers nei (<i>Lutjanus</i> spp)	Longlines (not specified), (Midwater)	UNKNOWN	EEZ,(FAO:31 Atlantic Western Central, FAO:87 Pacific Southeast),ZZE del Pacífico y Caribe colombianos			
Dolphinfishes nei (Coryphaenidae), Groundfishes nei (Osteichthyes), Groupers nei (<i>Epinephelus</i> spp), Mackerels nei (Scombridae), Snappers nei (<i>Lutjanus</i> spp), Wreckfish (<i>Polyprion americanus</i>)	Gillnets and entangling nets (not specified), (Midwater)	UNKNOWN	EEZ,(FAO:31 Atlantic Western Central, FAO:87 Pacific Southeast),Zona económica exclusiva del Pacífico y Caribe colombianos	Common bottlenose dolphin (STOCK NOT SPECIFIED) Pantropical spotted dolphin (STOCK NOT SPECIFIED) Pygmy sperm whale (STOCK NOT SPECIFIED) Risso's dolphin, grampus (STOCK NOT SPECIFIED) Tucuxi (STOCK NOT SPECIFIED)	Common bottlenose dolphin (STOCK NOT SPECIFIED): UNKNOWN Pantropical spotted dolphin (STOCK NOT SPECIFIED): UNKNOWN Pygmy sperm whale (STOCK NOT SPECIFIED): UNKNOWN Risso's dolphin, grampus (STOCK NOT SPECIFIED): UNKNOWN Tucuxi (STOCK NOT SPECIFIED): UNKNOWN	

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Cook Islands						
Exempt Fisheries						
Clams/etc. nei (Bivalvia)	Hand Implements (not specified), (Surface)	Number of Vessels: 0, Licenses: 0, Participants: NA, Aquaculture Facilities: NA	EEZ,(FAO:77 Pacific Eastern Central),Pacific Ocean, Cook Islands EEZ			
Skipjack tuna (Katsuwonus pelamis), Tunas nei (Thunnini)	Purse seines, (Pelagic)	Number of Vessels: 50-100, Licenses: 50-100, Participants: 50-100, Aquaculture Facilities: none provided	High Seas,EEZ,(FAO:77 Pacific Eastern Central),Pacific Ocean, Cook Islands EEZ	Baleen whale unspecified (UNKNOWN) Common bottlenose dolphin (STOCK NOT SPECIFIED) False killer whale (UNKNOWN) Risso's dolphin, grampus (STOCK NOT SPECIFIED) Spinner dolphin (STOCK NOT SPECIFIED) Whale unspecified (STOCK NOT SPECIFIED) pilot whale unspecified (STOCK NOT SPECIFIED)	Baleen whale unspecified (UNKNOWN): NOT PROVIDED Common bottlenose dolphin (STOCK NOT SPECIFIED): NOT PROVIDED False killer whale (UNKNOWN): NOT PROVIDED Risso's dolphin, grampus (STOCK NOT SPECIFIED): NOT PROVIDED Spinner dolphin (STOCK NOT SPECIFIED): NOT PROVIDED Whale unspecified (STOCK NOT SPECIFIED): NOT PROVIDED pilot whale unspecified (STOCK NOT SPECIFIED): NOT PROVIDED	FFA,SPC, WCPFC
Export Fisheries						
Albacore (Thunnus alalunga), Bigeye tuna (Thunnus obesus), Blue marlin (Makaira nigricans), Wahoo (Acanthocybium solandri), Yellowfin tuna (Thunnus albacares)	Longlines (not specified), (Pelagic)	Number of Vessels: 45, Licenses: 45, Participants: none provided, Aquaculture Facilities: none provided	High Seas, EEZ, Niue, Tokelau Islands ,Western Samoa,(FAO:77 Pacific Eastern Central),Pacific Ocean, Cook Islands EEZ, Samoa EEZ, Niue EEZ, Tokelau EEZ,	Common bottlenose dolphin (STOCK NOT SPECIFIED) Risso's dolphin, grampus (STOCK NOT SPECIFIED) Spinner dolphin (STOCK NOT SPECIFIED) pilot whale unspecified (STOCK NOT SPECIFIED)	Common bottlenose dolphin (STOCK NOT SPECIFIED): 0 Risso's dolphin, grampus (STOCK NOT SPECIFIED): 0 Spinner dolphin (STOCK NOT SPECIFIED): 0 pilot whale unspecified (STOCK NOT SPECIFIED): 0	WCPFC
Bigeye tuna (Thunnus obesus), Blue marlin (Makaira nigricans), Dolphinfishes nei (Coryphaenidae), Tunas nei (Thunnini), Yellowfin tuna (Thunnus albacares)	Longlines (not specified), (Pelagic)	Number of Vessels: 45, Licenses: 45, Participants: none provided, Aquaculture Facilities: none provided	High Seas, EEZ, Niue, Tokelau Islands,Western Samoa,(FAO:77 Pacific Eastern Central),Samoa EEZ, Tokelau EEZ, Niue EEZ	Whale unspecified (STOCK NOT SPECIFIED)	Whale unspecified (STOCK NOT SPECIFIED): UNKNOWN	WCPFC
Cape jagged lobster (Projasus parkeri), Chaceon geryons nei (Chaceon spp), Rock lobsters nei (Jasus spp)	Longlines (not specified), (Bottom)	Number of Vessels: 1, Licenses: 1, Participants: 1, Aquaculture Facilities: 1	High Seas,(FAO:87 Pacific Southeast)			SPRFMO
Orange roughy (Hoplostethus atlanticus), Splendid alfonsino (Beryx splendens)	Trawls (not specified), (Benthic)	Number of Vessels: 2, Licenses: 2, Participants: 2, Aquaculture Facilities: none provided	High Seas,(FAO:57 Indian Ocean Eastern, FAO:51 Indian Ocean Western),Southern Indian Ocean	Whale unspecified (STOCK NOT SPECIFIED)	Whale unspecified (STOCK NOT SPECIFIED): UNKNOWN	SIOFA
Costa Rica						
Exempt Fisheries						
Atlantic salmon (Salmo salar), Salmonids nei (Salmonidae)	Aquaculture (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Snappers nei (Lutjanus spp)	Aquaculture (not specified), (Surface), Hand Implements (not specified), (Midwater), Longlines (not specified), (Bottom)	Number of Vessels: 364, Licenses: 364, Participants: none provided, Aquaculture Facilities: 4	EEZ,(FAO:77 Pacific Eastern Central),Eastern Tropical Pacific	Common bottlenose dolphin (STOCK NOT SPECIFIED)	Common bottlenose dolphin (STOCK NOT SPECIFIED): NOT PROVIDED	
Export Fisheries						
marine shrimps nei	Trawls (not specified), (Bottom)	Number of Vessels: 2, Licenses: 2, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:77 Pacific Eastern Central),Eastern Tropical Pacific, South Atlantic	Common bottlenose dolphin (STOCK NOT SPECIFIED) Common dolphin (STOCK NOT SPECIFIED) Humpback whale (STOCK NOT SPECIFIED) Killer whale, orca (UNKNOWN) Seal unspecified (UNKNOWN)	Common bottlenose dolphin (STOCK NOT SPECIFIED): UNKNOWN Common dolphin (STOCK NOT SPECIFIED): UNKNOWN Humpback whale (STOCK NOT SPECIFIED): UNKNOWN Killer whale, orca (UNKNOWN): UNKNOWN Seal unspecified (UNKNOWN): UNKNOWN	
marine shrimps nei	Gillnets and entangling nets (not specified), (Bottom)	Number of Vessels: 903, Licenses: 903, Participants: 1806, Aquaculture Facilities: 513	EEZ,(FAO:31 Atlantic Western Central, FAO:77 Pacific Eastern Central),Eastern Tropical Pacific, South Atlantic	Common bottlenose dolphin (STOCK NOT SPECIFIED) Common dolphin (STOCK NOT SPECIFIED)	Common bottlenose dolphin (STOCK NOT SPECIFIED): UNKNOWN Common dolphin (STOCK NOT SPECIFIED): UNKNOWN	
Bigeye tuna (Thunnus obesus), Tunas nei (Thunnini), Yellowfin tuna (Thunnus albacares)	Purse seines, (Surface)	Number of Vessels: 1, Licenses: 1, Participants: none provided, Aquaculture Facilities: 0	High Seas,EEZ,(FAO:77 Pacific Eastern Central, FAO:87 Pacific Southeast),Eastern Tropical Pacific, Inter-American Tropical Tuna Commission Convention Area	Central American spinner dolphin (STOCK NOT SPECIFIED) Common bottlenose dolphin (STOCK NOT SPECIFIED) Common dolphin (STOCK NOT SPECIFIED) Pantropical spotted dolphin (STOCK NOT SPECIFIED)	Central American spinner dolphin (STOCK NOT SPECIFIED): UNKNOWN Common bottlenose dolphin (STOCK NOT SPECIFIED): UNKNOWN Common dolphin (STOCK NOT SPECIFIED): UNKNOWN Pantropical spotted dolphin (STOCK NOT SPECIFIED): UNKNOWN	IATTC
Albacore (Thunnus alalunga), Bigeye tuna (Thunnus obesus), Tunas nei (Thunnini), Yellowfin tuna (Thunnus albacares)	Longlines (not specified), (Surface), Trolling lines, (Surface)	Number of Vessels: 258, Licenses: 258, Participants: none provided, Aquaculture Facilities: none provided	High Seas,EEZ,(FAO:31 Atlantic Western Central, FAO:77 Pacific Eastern Central, FAO:87 Pacific Southeast),Eastern Tropical Pacific, Inter-American Tropical Tuna Commission Convention Area	Blue whale (UNKNOWN) Bryde's whale (UNKNOWN) Central American spinner dolphin (STOCK NOT SPECIFIED) Common bottlenose dolphin (STOCK NOT SPECIFIED) Common dolphin (STOCK NOT SPECIFIED) Cuvier's beaked whale, goose-beaked whale (UNKNOWN) False killer whale (UNKNOWN) Humpback whale (STOCK NOT SPECIFIED) Killer whale, orca (UNKNOWN) Pantropical spotted dolphin (STOCK NOT SPECIFIED) Pygmy beaked whale (UNKNOWN) Sperm whale, cachalot (UNKNOWN)	Blue whale (UNKNOWN): UNKNOWN Bryde's whale (UNKNOWN): UNKNOWN Central American spinner dolphin (STOCK NOT SPECIFIED): UNKNOWN Common bottlenose dolphin (STOCK NOT SPECIFIED): UNKNOWN Common dolphin (STOCK NOT SPECIFIED): UNKNOWN Cuvier's beaked whale, goose-beaked whale (UNKNOWN): UNKNOWN False killer whale (UNKNOWN): UNKNOWN Humpback whale (STOCK NOT SPECIFIED): UNKNOWN Killer whale, orca (UNKNOWN): UNKNOWN Pantropical spotted dolphin (STOCK NOT SPECIFIED): UNKNOWN Pygmy beaked whale (UNKNOWN): UNKNOWN Sperm whale, cachalot (UNKNOWN): UNKNOWN	IATTC,IC CAT
Croakers/drums nei (Sciaenidae), Snappers nei (Lutjanus spp)	Gillnets and entangling nets (not specified), (Surface), Hand Implements (not specified), (Surface), Longlines (not specified), (Midwater)	Number of Vessels: 364, Licenses: 364, Participants: 728, Aquaculture Facilities: 4	EEZ,(FAO:77 Pacific Eastern Central),Eastern Tropical Pacific	Common bottlenose dolphin (STOCK NOT SPECIFIED) Common dolphin (STOCK NOT SPECIFIED)	Common bottlenose dolphin (STOCK NOT SPECIFIED): UNKNOWN Common dolphin (STOCK NOT SPECIFIED): UNKNOWN	

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Snappers nei (<i>Lutjanus</i> spp)	Hand Implements (not specified), (Demersal), Longlines (not specified), (Midwater)	Number of Vessels: 364, Licenses: 364, Participants: none provided, Aquaculture Facilities: 4	EEZ,(FAO:77 Pacific Eastern Central),Eastern Tropical Pacific	Common bottlenose dolphin (STOCK NOT SPECIFIED) Common dolphin (STOCK NOT SPECIFIED)	Common bottlenose dolphin (STOCK NOT SPECIFIED): UNKNOWN Common dolphin (STOCK NOT SPECIFIED): UNKNOWN	
Groundfishes nei (<i>Osteichthyes</i>)	Longlines (not specified), (Bottom)	UNKNOWN	EEZ,(FAO:77 Pacific Eastern Central),Eastern Tropical Pacific			
Cartilaginous fishes nei (<i>Chondrichthyes</i>), Marlins nei (<i>Makaira</i> spp), Marlins,sailfishes,etc. nei (<i>Istiophoridae</i>), Swordfish (<i>Xiphias gladius</i>)	Longlines (not specified), (Surface)	Number of Vessels: 293, Licenses: 293, Participants: none provided, Aquaculture Facilities: none provided	High Seas,EEZ,(FAO:31 Atlantic Western Central, FAO:77 Pacific Eastern Central, FAO:87 Pacific Southeast),Eastern Tropical Pacific, Tropical Atlantic	Blue whale (UNKNOWN) Common bottlenose dolphin (STOCK NOT SPECIFIED) Common dolphin (STOCK NOT SPECIFIED) False killer whale (UNKNOWN) Killer whale, orca (UNKNOWN) Pantropical spotted dolphin (STOCK NOT SPECIFIED)	Blue whale (UNKNOWN): UNKNOWN Common bottlenose dolphin (STOCK NOT SPECIFIED): UNKNOWN Common dolphin (STOCK NOT SPECIFIED): UNKNOWN False killer whale (UNKNOWN): UNKNOWN Killer whale, orca (UNKNOWN): UNKNOWN Pantropical spotted dolphin (STOCK NOT SPECIFIED): UNKNOWN	IATTC,IC CAT
Caribbean spiny lobster (<i>Panulirus argus</i>), Green spiny lobster (<i>Panulirus gracilis</i>), Lobsters nei (<i>Reptantia</i>), Rock lobsters nei (<i>Jasus</i> spp)	Diving (SCUBA and/or free-diving), (Benthic), Gillnets and entangling nets (not specified), (Benthic)	Number of Vessels: 409, Licenses: 409, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:31 Atlantic Western Central, FAO:77 Pacific Eastern Central),Eastern Tropical Pacific	Common bottlenose dolphin (STOCK NOT SPECIFIED) Common dolphin (STOCK NOT SPECIFIED)	Common bottlenose dolphin (STOCK NOT SPECIFIED): UNKNOWN Common dolphin (STOCK NOT SPECIFIED): UNKNOWN	
Atka mackerel (<i>Pleurogrammus monoptyerygius</i>), Groupers nei (<i>Epinephelus</i> spp), Jack and horse mackerels nei (<i>Trachurus</i> spp), Mackerels nei (<i>Scombridae</i>)	Gillnets and entangling nets (not specified), (Demersal)	Number of Vessels: 2081, Licenses: 2081, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:77 Pacific Eastern Central),Eastern Tropical Pacific	Common bottlenose dolphin (STOCK NOT SPECIFIED) Common dolphin (STOCK NOT SPECIFIED)	Common bottlenose dolphin (STOCK NOT SPECIFIED): UNKNOWN Common dolphin (STOCK NOT SPECIFIED): UNKNOWN	
<i>Brotula clarki</i> (<i>Brotula clarki</i>), Conger eels nei (<i>Conger</i> spp), Groupers nei (<i>Epinephelus</i> spp), Snappers nei (<i>Lutjanus</i> spp)	Hand Implements (not specified), (Demersal), Longlines (not specified), (Bottom)	Number of Vessels: 1037, Licenses: 1037, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:31 Atlantic Western Central, FAO:77 Pacific Eastern Central),Eastern Tropical Pacific	Common bottlenose dolphin (STOCK NOT SPECIFIED) Common dolphin (STOCK NOT SPECIFIED)	Common bottlenose dolphin (STOCK NOT SPECIFIED): UNKNOWN Common dolphin (STOCK NOT SPECIFIED): UNKNOWN	
Flatfishes nei (<i>Pleuronectiformes</i>), Soles nei (<i>Soleidae</i>)	Gillnets and entangling nets (not specified), (Bottom), Trawls (not specified), (Bottom)	Number of Vessels: 1141, Licenses: 1141, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:77 Pacific Eastern Central),Eastern Tropical Pacific	Common bottlenose dolphin (STOCK NOT SPECIFIED)	Common bottlenose dolphin (STOCK NOT SPECIFIED): UNKNOWN	
<i>Brotula clarki</i> (<i>Brotula clarki</i>), Conger eels/etc. nei (<i>Congridae</i>)	Hooks and lines (not specified), (Demersal), Longlines (not specified), (Demersal)	Number of Vessels: 1548, Licenses: 1548, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:71 Pacific Western Central),Eastern Tropical Pacific	Common bottlenose dolphin (STOCK NOT SPECIFIED) Common dolphin (STOCK NOT SPECIFIED)	Common bottlenose dolphin (STOCK NOT SPECIFIED): UNKNOWN Common dolphin (STOCK NOT SPECIFIED): UNKNOWN	
Dolphinfishes nei (<i>Coryphaenidae</i>), Dolphinfishes nei (<i>Coryphaenidae</i>)	Longlines (not specified), (Surface)	Number of Vessels: 255, Licenses: 255, Participants: none provided, Aquaculture Facilities: none provided	High Seas,EEZ,(FAO:31 Atlantic Western Central, FAO:77 Pacific Eastern Central, FAO:87 Pacific Southeast),Eastern Tropical Pacific, Tropical Atlantic	Blue whale (UNKNOWN) Coastal pantropical spotted dolphin (UNKNOWN) Common bottlenose dolphin (STOCK NOT SPECIFIED) Common dolphin (STOCK NOT SPECIFIED) False killer whale (UNKNOWN) Humpback whale (STOCK NOT SPECIFIED)	Blue whale (UNKNOWN): UNKNOWN Coastal pantropical spotted dolphin (UNKNOWN): UNKNOWN Common bottlenose dolphin (STOCK NOT SPECIFIED): UNKNOWN Common dolphin (STOCK NOT SPECIFIED): UNKNOWN False killer whale (UNKNOWN): UNKNOWN Humpback whale (STOCK NOT SPECIFIED): UNKNOWN	IATTC,IC CAT

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Bonitos nei (<i>Sarda</i> spp)	Gillnets and entangling nets (not specified), (Surface)	Number of Vessels: 526, Licenses: 526, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:77 Pacific Eastern Central),Eastern Tropical Pacific	Common bottlenose dolphin (STOCK NOT SPECIFIED)	Common bottlenose dolphin (STOCK NOT SPECIFIED): UNKNOWN	IATTC
Herrings/sardines nei (<i>Clupeidae</i>)	Purse seines, (Surface)	Number of Vessels: 2, Licenses: 2, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:77 Pacific Eastern Central),Eastern Tropical Pacific, Gulf of Nicoya	Common bottlenose dolphin (STOCK NOT SPECIFIED) Common dolphin (STOCK NOT SPECIFIED)	Common bottlenose dolphin (STOCK NOT SPECIFIED): UNKNOWN Common dolphin (STOCK NOT SPECIFIED): UNKNOWN	

Croatia

Exempt Fisheries						
European flat oyster (<i>Ostrea edulis</i>), Sardinia coral (<i>Corallium rubrum</i>), Sponges (<i>Spongiidae</i>), Warty venus (<i>Venus verrucosa</i>)	Hand collection, (Bottom)	Number of Vessels: 190, Licenses: 190, Participants: 190, Aquaculture Facilities: 0	EEZ,(FAO:37 Mediterranean and Black Sea),37.2.1,GSA 17 - Northern Adriatic Sea			GFCM
Flat and cupped oysters nei (<i>Ostreidae</i>), Sea mussels nei (<i>Mytilidae</i>)	Aquaculture (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			
Finfishes nei (<i>Osteichthyes</i>), Porgies/seabreams nei (<i>Sparidae</i>), Seabasses nei (<i>Dicentrarchus</i> spp)	Aquaculture (not specified), (Midwater)	UNKNOWN	EEZ,(FAO:37 Mediterranean and Black Sea),none provided			
Atlantic bluefin tuna (<i>Thunnus thynnus</i>)	Aquaculture (not specified), (Pelagic)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: 4	EEZ,(FAO:37 Mediterranean and Black Sea),Bluefin tuna aquaculture cages			ICCAT
Export Fisheries						
European anchovy (<i>Engraulis encrasicolus</i>), European pilchard(=Sardine) (<i>Sardina pilchardus</i>), Jack and horse mackerels nei (<i>Trachurus</i> spp), Scomber mackerels nei (<i>Scomber</i> spp)	Purse seines, (Pelagic)	Number of Vessels: 170, Licenses: 170, Participants: 170, Aquaculture Facilities: 0	EEZ,(FAO:37 Mediterranean and Black Sea),37.2.1., GSA 17 - Northern Adriatic Sea	Common bottlenose dolphin (UNKNOWN)	Common bottlenose dolphin (UNKNOWN): 0	GFCM
Deep-water rose shrimp (<i>Parapenaeus longirostris</i>), European hake (<i>Merluccius merluccius</i>), Norway lobster (<i>Nephrops norvegicus</i>), Red mullet (<i>Mullus barbatus</i>)	Bottom trawls (not specified), (Demersal)	Number of Vessels: 352, Licenses: 352, Participants: 352, Aquaculture Facilities: none provided	EEZ,(FAO:37 Mediterranean and Black Sea),37.2.1			GFCM
Atlantic bluefin tuna (<i>Thunnus thynnus</i>), Swordfish (<i>Xiphias gladius</i>)	Mechanized lines and pole-and-lines, (Pelagic), Set longlines, (Pelagic)	Number of Vessels: 40, Licenses: 12 for BFT, 33 for SWO, Participants: 40, Aquaculture Facilities: none provided	EEZ,(FAO:37 Mediterranean and Black Sea),37.2.1,GSA 17 - Northern Adriatic Sea			ICCAT
Atlantic bluefin tuna (<i>Thunnus thynnus</i>)	Purse seines, (Pelagic)	Number of Vessels: 15, Licenses: 15, Participants: 15, Aquaculture Facilities: 4	EEZ,(FAO:37 Mediterranean and Black Sea),37.2.1,GSA 17 - Northern Adriatic Sea	Common bottlenose dolphin (UNKNOWN)	Common bottlenose dolphin (UNKNOWN): 0	ICCAT

Cyprus

Exempt Fisheries						
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Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
European seabass (<i>Dicentrarchus labrax</i>), Gilthead seabream (<i>Sparus aurata</i>), Meagre (<i>Argyrosomus regius</i>)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: 9	EEZ,(FAO:37 Mediterranean and Black Sea),37.3.2,Eastern Mediterranean Sea, Levant area (FAO division 37.3.2)			

Export Fisheries

Swordfish (<i>Xiphias gladius</i>)	Longlines (not specified), (Pelagic)	Number of Vessels: 27, Licenses: 27, Participants: none provided, Aquaculture Facilities: none provided	High Seas,EEZ,(FAO:37 Mediterranean and Black Sea),37.3.1, 37.3.2,Eastern Mediterranean Sea, Levant area (FAO division 37.3.2)	Common bottlenose dolphin (UNKNOWN) Risso's dolphin, grampus (UNKNOWN)	Common bottlenose dolphin (UNKNOWN): UNKNOWN Risso's dolphin, grampus (UNKNOWN): UNKNOWN	ICCAT
Atlantic bluefin tuna (<i>Thunnus thynnus</i>)	Longlines (not specified), (Pelagic)	Number of Vessels: 23, Licenses: 23, Participants: none provided, Aquaculture Facilities: none provided	High Seas,EEZ,(FAO:37 Mediterranean and Black Sea),37.3.1, 37.3.2,Eastern Mediterranean Sea, Levant area (FAO division 37.3.2)	Common bottlenose dolphin (UNKNOWN) Risso's dolphin, grampus (UNKNOWN)	Common bottlenose dolphin (UNKNOWN): UNKNOWN Risso's dolphin, grampus (UNKNOWN): UNKNOWN	ICCAT
Albacore (<i>Thunnus alalunga</i>)	Longlines (not specified), (Pelagic)	Number of Vessels: 45, Licenses: 45, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:37 Mediterranean and Black Sea),37.3.2	Common bottlenose dolphin (UNKNOWN) Risso's dolphin, grampus (UNKNOWN)	Common bottlenose dolphin (UNKNOWN): UNKNOWN Risso's dolphin, grampus (UNKNOWN): UNKNOWN	GFCM,ICCAT
Atlantic bluefin tuna (<i>Thunnus thynnus</i>)	Purse seines, (Surface)	Number of Vessels: 1, Licenses: 1, Participants: none provided, Aquaculture Facilities: none provided	High Seas,(FAO:37 Mediterranean and Black Sea),37.2.1, 37.2.2,Central Mediterranean Sea (FAO division 37.2)			ICCAT

Denmark

Exempt Fisheries

Kelps nei (<i>Laminariaceae</i>)	Aquaculture (lines)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Central Denmark Region			
Blue mussel (<i>Mytilus edulis</i>)	Aquaculture (lines)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Limfjorden			
Atlantic cod (<i>Gadus morhua</i>)	Handlines and hand-operated pole-and-lines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic Ocean (FAO zone 27)			

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Northern prawn (<i>Pandalus borealis</i>)	Handlines and hand-operated pole-and-lines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic Ocean (FAO zone 27)			
Atlantic mackerel (<i>Scomber scombrus</i>), Mackerels nei (<i>Scombridae</i>)	Handlines and hand-operated pole-and-lines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic Ocean (FAO zone 27)			
Common sole (<i>Solea solea</i>), Haddock (<i>Melanogrammus aeglefinus</i>), Lumpfishes nei (<i>Cyclopteridae</i>)	Handlines and hand-operated pole-and-lines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic Ocean (FAO zone 27)			
Atlantic herring (<i>Clupea harengus</i>)	Handlines and hand-operated pole-and-lines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic Ocean (FAO zone 27)			
Blue mussel (<i>Mytilus edulis</i>)	Dredges (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Limfjorden, Isefjord, east coast Jylland			

Export Fisheries

Atlantic cod (<i>Gadus morhua</i>), Atlantic herring (<i>Clupea harengus</i>), Atlantic mackerel (<i>Scomber scombrus</i>), Atlantic salmon (<i>Salmo salar</i>), Common sole (<i>Solea solea</i>), Flatfishes nei (<i>Pleuronectiformes</i>), Haddock (<i>Melanogrammus aeglefinus</i>), Herrings/sardines nei (<i>Clupeidae</i>), Lumpfishes nei (<i>Cyclopteridae</i>), Mackerels nei (<i>Scombridae</i>), Salmonids nei (<i>Salmonidae</i>), Sea trout (<i>Salmo trutta</i>), Turbot (<i>Psetta maxima</i>)	Pound nets, (Benthic), trap nets/stationary nets, (Benthic)	Number of Vessels: 100, Licenses: 100, Participants: 100, Aquaculture Facilities: 0	High Seas,(FAO:27 Atlantic Northeast),Northeast Atlantic Ocean (FAO zone 27)	Gray seal (Baltic Sea stock) Harbor porpoise (Baltic Sea stock) Harbor porpoise (North Sea stock) Harbor seal, common seal (Baltic Sea stock) Harbor seal, common seal (North Sea stock)	Gray seal (Baltic Sea stock): UNKNOWN Harbor porpoise (Baltic Sea stock): UNKNOWN Harbor porpoise (North Sea stock): UNKNOWN Harbor seal, common seal (Baltic Sea stock): UNKNOWN Harbor seal, common seal (North Sea stock): UNKNOWN	ICES
Atlantic cod (<i>Gadus morhua</i>), Atlantic herring (<i>Clupea harengus</i>), Atlantic mackerel (<i>Scomber scombrus</i>), Common sole (<i>Solea solea</i>), European sprat (<i>Sprattus sprattus</i>), Greenland halibut (<i>Reinhardtius hippoglossoides</i>), Herrings/sardines nei (<i>Clupeidae</i>), Jack and horse mackerels nei (<i>Trachurus spp</i>), Mackerels nei (<i>Scombridae</i>), Turbot (<i>Psetta maxima</i>)	Midwater pair trawls, (Midwater), Midwater trawls (not specified), (Midwater), Otter trawls (not specified), (Pelagic), Semipelagic trawls, (Pelagic), Single boat midwater otter trawls, (Midwater)	Number of Vessels: 40, Licenses: 40, Participants: 40, Aquaculture Facilities: 0	High Seas,EEZ,Germany,Ireland, Norway,Sweden,United Kingdom,(FAO:27 Atlantic Northeast),Northeast Atlantic Ocean (FAO zone 27)	Gray seal (Baltic Sea stock) Harbor porpoise (Baltic Sea stock) Harbor porpoise (North Sea stock) Harbor seal, common seal (Baltic Sea stock) Harbor seal, common seal (North Sea stock) pilot whale unspecified (STOCK NOT SPECIFIED)	Gray seal (Baltic Sea stock): UNKNOWN Harbor porpoise (Baltic Sea stock): UNKNOWN Harbor porpoise (North Sea stock): UNKNOWN Harbor seal, common seal (Baltic Sea stock): UNKNOWN Harbor seal, common seal (North Sea stock): UNKNOWN pilot whale unspecified (STOCK NOT SPECIFIED): UNKNOWN	ICES

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Atlantic cod (<i>Gadus morhua</i>), Common sole (<i>Solea solea</i>), Lumpfishes nei (<i>Cyclopteridae</i>), Turbot (<i>Psetta maxima</i>)	Pots/traps	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic Ocean (FAO zone 27)	Gray seal (Baltic Sea stock) Harbor porpoise (Baltic Sea stock) Harbor seal, common seal (Baltic Sea stock)	Gray seal (Baltic Sea stock): UNKNOWN Harbor porpoise (Baltic Sea stock): UNKNOWN Harbor seal, common seal (Baltic Sea stock): UNKNOWN	RFMO
Snow crab (<i>Chionoecetes opilio</i>)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided	Bowhead whale, Greenland whale (STOCK NOT SPECIFIED)	Bowhead whale, Greenland whale (STOCK NOT SPECIFIED): UNKNOWN	
Golden redfish (<i>Sebastes marinus</i>)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			
Rainbow trout (<i>Oncorhynchus mykiss</i>)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: 19, Licenses: <19, Participants: 19, Aquaculture Facilities: 18	High Seas,(FAO:27 Atlantic Northeast),Northeast Atlantic Ocean (FAO zone 27)	Harbor porpoise (Baltic Sea stock) Harbor seal, common seal (Baltic Sea stock)	Harbor porpoise (Baltic Sea stock): UNKNOWN Harbor seal, common seal (Baltic Sea stock): UNKNOWN	ICES
Atlantic cod (<i>Gadus morhua</i>), Atlantic salmon (<i>Salmo salar</i>), Salmonids nei (<i>Salmonidae</i>), Sea trout (<i>Salmo trutta</i>)	Drifting longlines, (Midwater), Hooks and lines (not specified), (Midwater), Longlines (not specified), (Midwater), Set longlines, (Midwater)	Number of Vessels: 12, Licenses: 12, Participants: 12, Aquaculture Facilities: 0	High Seas,(FAO:27 Atlantic Northeast),Northeast Atlantic Ocean (FAO zone 27)	Gray seal (Baltic Sea stock) Harbor porpoise (Baltic Sea stock) Harbor porpoise (North Sea stock) Harbor seal, common seal (Baltic Sea stock) Harbor seal, common seal (North Sea stock)	Gray seal (Baltic Sea stock): UNKNOWN Harbor porpoise (Baltic Sea stock): UNKNOWN Harbor porpoise (North Sea stock): UNKNOWN Harbor seal, common seal (Baltic Sea stock): UNKNOWN Harbor seal, common seal (North Sea stock): UNKNOWN	ICES
Common prawn (<i>Palaemon serratus</i>), Northern prawn (<i>Pandalus borealis</i>), Norway lobster (<i>Nephrops norvegicus</i>)	Nephrops trawl, (Benthic), shrimp/prawn trawl, (Benthic)	Number of Vessels: 10, Licenses: 10, Participants: 10, Aquaculture Facilities: 0	High Seas, EEZ Germany, Greenland, Norway,Sweden, (FAO:27 Atlantic Northeast),Northeast Atlantic Ocean (FAO zone 27)	Bowhead whale, Greenland whale (STOCK NOT SPECIFIED) Gray seal (Baltic Sea stock) Harbor porpoise (Baltic Sea stock) Harbor porpoise (North Sea stock) Harbor seal, common seal (Baltic Sea stock) Harbor seal, common seal (North Sea stock) Humpback whale (STOCK NOT SPECIFIED) Ringed seal (Greenland stock) pilot whale unspecified (STOCK NOT SPECIFIED)	Bowhead whale, Greenland whale (STOCK NOT SPECIFIED): UNKNOWN Gray seal (Baltic Sea stock): UNKNOWN Harbor porpoise (Baltic Sea stock): UNKNOWN Harbor porpoise (North Sea stock): UNKNOWN Harbor seal, common seal (Baltic Sea stock): UNKNOWN Harbor seal, common seal (North Sea stock): UNKNOWN Humpback whale (STOCK NOT SPECIFIED): UNKNOWN Ringed seal (Greenland stock): UNKNOWN pilot whale unspecified (STOCK NOT SPECIFIED): UNKNOWN	ICES,NEA FC
Northern prawn (<i>Pandalus borealis</i>)	Otter trawls (not specified), (Pelagic)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic Ocean (FAO zone 27)	Gray seal (Baltic Sea stock) Harbor porpoise (Baltic Sea stock) Harbor seal, common seal (Baltic Sea stock)	Gray seal (Baltic Sea stock): UNKNOWN Harbor porpoise (Baltic Sea stock): UNKNOWN Harbor seal, common seal (Baltic Sea stock): UNKNOWN	
Northern prawn (<i>Pandalus borealis</i>)	Otter trawls (not specified), (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic Ocean (FAO zone 27)			

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Northern prawn (<i>Pandalus borealis</i>)	Otter trawls (not specified), (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northwest Atlantic Ocean (FAO zone 21)			
Atlantic mackerel (<i>Scomber scombrus</i>), Mackerels nei (<i>Scombridae</i>)	Pots/traps	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic Ocean (FAO zone 27)	Gray seal (Baltic Sea stock) Harbor porpoise (Baltic Sea stock) Harbor seal, common seal (Baltic Sea stock)	Gray seal (Baltic Sea stock): UNKNOWN Harbor porpoise (Baltic Sea stock): UNKNOWN Harbor seal, common seal (Baltic Sea stock): UNKNOWN	
Atlantic herring (<i>Clupea harengus</i>), Atlantic mackerel (<i>Scomber scombrus</i>), Boarfish (<i>Capros aper</i>), European sprat (<i>Sprattus sprattus</i>), Haddock (<i>Melanogrammus aeglefinus</i>), Mackerels nei (<i>Scombridae</i>)	Purse seines, (Pelagic)	Number of Vessels: 10, Licenses: 10, Participants: 10, Aquaculture Facilities: 0	EEZ,United Kingdom,(FAO:27 Atlantic Northeast),Northeast Atlantic Ocean (FAO zone 27)	Harbor porpoise (North Sea stock) Harbor seal, common seal (North Sea stock)	Harbor porpoise (North Sea stock): UNKNOWN Harbor seal, common seal (North Sea stock): UNKNOWN	ICES,NEA FC
Haddock (<i>Melanogrammus aeglefinus</i>), Turbot (<i>Psetta maxima</i>)	Trawls (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic Ocean (FAO zone 27): North Sea, Skagerrak, Kattegat			
Atlantic cod (<i>Gadus morhua</i>), Atlantic halibut (<i>Hippoglossus hippoglossus</i>), Atlantic herring (<i>Clupea harengus</i>), Atlantic mackerel (<i>Scomber scombrus</i>), Atlantic salmon (<i>Salmo salar</i>), Common sole (<i>Solea solea</i>), Flatfishes nei (<i>Pleuronectiformes</i>), Greenland halibut (<i>Reinhardtius hippoglossoides</i>), Haddock (<i>Melanogrammus aeglefinus</i>), Jack and horse mackerels nei (<i>Trachurus spp</i>), Lemon sole (<i>Microstomus kitt</i>), Lumpfishes nei (<i>Cyclopteridae</i>), Mackerels nei (<i>Scombridae</i>), Saithe(=Pollock) (<i>Pollachius virens</i>), Sandeels(=Sandlances) nei (<i>Ammodytes spp</i>), Sandeels(=Sandlances) nei (<i>Ammodytes spp</i>), Turbot (<i>Psetta maxima</i>)	Beam trawls, (Bottom), Bottom pair trawls, (Demersal), Bottom trawls (not specified), (Demersal), Multiple bottom otter trawls, (Bottom), Twin bottom otter trawls, (Bottom)	Number of Vessels: 75, Licenses: 75, Participants: 75, Aquaculture Facilities: 0	High Seas, EEZ, Germany, Sweden, (FAO:27 Atlantic Northeast), Northeast Atlantic Ocean (FAO zone 27)	Gray seal (Baltic Sea stock) Harbor porpoise (Baltic Sea stock) Harbor porpoise (North Sea stock) Harbor seal, common seal (Baltic Sea stock) Harbor seal, common seal (North Sea stock)	Gray seal (Baltic Sea stock): UNKNOWN Harbor porpoise (Baltic Sea stock): UNKNOWN Harbor porpoise (North Sea stock): UNKNOWN Harbor seal, common seal (Baltic Sea stock): UNKNOWN Harbor seal, common seal (North Sea stock): UNKNOWN	ICES
Atlantic cod (<i>Gadus morhua</i>), Atlantic herring (<i>Clupea harengus</i>), Atlantic mackerel (<i>Scomber scombrus</i>), Common sole (<i>Solea solea</i>), Flatfishes nei (<i>Pleuronectiformes</i>), Greenland halibut (<i>Reinhardtius hippoglossoides</i>), Haddock (<i>Melanogrammus aeglefinus</i>), Mackerels nei (<i>Scombridae</i>), Saithe(=Pollock) (<i>Pollachius virens</i>), Sea trout (<i>Salmo trutta</i>), Turbot (<i>Psetta maxima</i>)	Danish seines, (Demersal), Scottish seines, (Demersal)	Number of Vessels: 35, Licenses: 35, Participants: 35, Aquaculture Facilities: 0	High Seas, EEZ, Germany,Sweden,(FAO:27 Atlantic Northeast), Northeast Atlantic Ocean (FAO zone 27): North Sea and Skagerrak	Gray seal (Baltic Sea stock) Harbor porpoise (Baltic Sea stock) Harbor porpoise (North Sea stock) Harbor seal, common seal (Baltic Sea stock) Harbor seal, common seal (North Sea stock)	Gray seal (Baltic Sea stock): UNKNOWN Harbor porpoise (Baltic Sea stock): UNKNOWN Harbor porpoise (North Sea stock): UNKNOWN Harbor seal, common seal (Baltic Sea stock): UNKNOWN Harbor seal, common seal (North Sea stock): UNKNOWN	ICES
Atlantic cod (<i>Gadus morhua</i>)	Gillnets and entangling nets (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic Ocean (FAO zone 27): North Sea and Skagerrak	Gray seal (Baltic Sea stock) Harbor porpoise (Baltic Sea stock) Harbor seal, common seal (Baltic Sea stock)	Gray seal (Baltic Sea stock): UNKNOWN Harbor porpoise (Baltic Sea stock): UNKNOWN Harbor seal, common seal (Baltic Sea stock): UNKNOWN	

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Atlantic cod (<i>Gadus morhua</i>), Common sole (<i>Solea solea</i>)	Trawls (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic Ocean (FAO zone 27): North Sea and Skagerrak, Eastern Baltic east of Bornholm Island			
Atlantic cod (<i>Gadus morhua</i>), Atlantic herring (<i>Clupea harengus</i>), Atlantic mackerel (<i>Scomber scombrus</i>), Atlantic salmon (<i>Salmo salar</i>), Atlantic salmon (<i>Salmo salar</i>), Common sole (<i>Solea solea</i>), Flatfishes nei (<i>Pleuronectiformes</i>), Greenland halibut (<i>Reinhardtius hippoglossoides</i>), Haddock (<i>Melanogrammus aeglefinus</i>), Jack and horse mackerels nei (<i>Trachurus spp</i>), Lumpfishes nei (<i>Cyclopteridae</i>), Mackerels nei (<i>Scombridae</i>), Salmonids nei (<i>Salmonidae</i>), Sea trout (<i>Salmo trutta</i>), Turbot (<i>Psetta maxima</i>)	Combined gillnets-trammel nets, (Midwater), Drift gillnets, (Surface), Gillnets and entangling nets (not specified), (Surface), Set gillnets/set nets (anchored), (Demersal), Trammel nets, (Midwater)	Number of Vessels: 60, Licenses: 60, Participants: 60, Aquaculture Facilities: 0	High Seas,EEZ,Germany,Sweden,(FAO:27 Atlantic Northeast),Northeast Atlantic Ocean (FAO zone 27)	Gray seal (Baltic Sea stock) Harbor porpoise (Baltic Sea stock) Harbor porpoise (North Sea stock) Harbor seal, common seal (Baltic Sea stock) Harbor seal, common seal (North Sea stock)	Gray seal (Baltic Sea stock): UNKNOWN Harbor porpoise (Baltic Sea stock): UNKNOWN Harbor porpoise (North Sea stock): UNKNOWN Harbor seal, common seal (Baltic Sea stock): UNKNOWN Harbor seal, common seal (North Sea stock): UNKNOWN	ICES
Haddock (<i>Melanogrammus aeglefinus</i>)	Gillnets and entangling nets (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic Ocean (FAO zone 27): North Sea, Skagerrak, Kattegat	Gray seal (Baltic Sea stock) Harbor porpoise (Baltic Sea stock) Harbor seal, common seal (Baltic Sea stock)	Gray seal (Baltic Sea stock): UNKNOWN Harbor porpoise (Baltic Sea stock): UNKNOWN Harbor seal, common seal (Baltic Sea stock): UNKNOWN	

Dominican Republic

Exempt Fisheries

Dolphinfishes nei (<i>Coryphaenidae</i>)	Handlines and hand-operated pole-and-lines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Offshore San Pedro, Palmar de Ocoa, Salina, Barahona, Pedernales			
Pompano (<i>Trachinotus ovatus</i>)	Aquaculture (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Las Salinas, Peravia province, Copellito Nagua			
Lobsters nei (<i>Reptantia</i>)	Pots/traps	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Silver Bank, Navidad Bank, Montecristi, Dominican Republic EEZ	Humpback whale (STOCK NOT SPECIFIED)	Humpback whale (STOCK NOT SPECIFIED): NOT PROVIDED	

Export Fisheries

Marine crabs nei (<i>Brachyura</i>)	Unknown/Gear not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Mangroves			
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Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Marine fishes nei (Osteichthyes)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	None provided			
Sea cucumbers nei (Holothuroidea)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	None provided			
Snappers nei (Lutjanus spp)	Longlines (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Offshore marine areas			
Marine crustaceans nei (Crustacea), Marine fishes nei (Osteichthyes)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	None provided			

Ecuador

Exempt Fisheries

Marine crustaceans nei (Crustacea), Marine molluscs nei (Mollusca), Marine shells nei (Ex Mollusca), Octopuses nei (Octopus spp), Sea mussels nei (Mytilidae)	Hand collection	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	coastal waters			
Bigeye tuna (Thunnus obesus), Dorado (Salminus brasiliensis), Skipjack tuna (Katsuwonus pelamis), Wahoo (Acanthocybium solandri), Yellowfin tuna (Thunnus albacares)	Purse seines, (Midwater)	Number of Vessels: 113, Licenses: N/A, Participants: N/A, Aquaculture Facilities: N/A	High Seas, EEZ, Peru, (FAO:77 Pacific Eastern Central, FAO:87 Pacific Southeast, FAO:81 Pacific Southwest), High seas, eastern tropical Pacific Ocean, Inter-American Tropical Tuna Commission Convention Area and the overlap area of the WCPFC and IATTC	Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED) Eastern spinner dolphin (STOCK NOT SPECIFIED) Offshore pantropical spotted dolphin (STOCK NOT SPECIFIED) Spinner dolphin (STOCK NOT SPECIFIED)	Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED): NOT PROVIDED Eastern spinner dolphin (STOCK NOT SPECIFIED): NOT PROVIDED Offshore pantropical spotted dolphin (STOCK NOT SPECIFIED): NOT PROVIDED Spinner dolphin (STOCK NOT SPECIFIED): NOT PROVIDED	IATTC
Bigeye tuna (Thunnus obesus), Black marlin (Makaira indica), Blue marlin (Makaira nigricans), Dorado (Salminus brasiliensis), Great barracuda (Sphyrna barracuda), Rainbow runner (Elagatis bipinnulata), Skipjack tuna (Katsuwonus pelamis), Striped marlin (Tetrapturus audax), Wahoo (Acanthocybium solandri), Yellowfin tuna (Thunnus albacares)	Purse seines, (Midwater)	Number of Vessels: 7, Licenses: 5, Participants: N/A, Aquaculture Facilities: N/A	EEZ, Kiribati, (FAO:71 Pacific Western Central), Central and western Pacific Ocean, Western Central Pacific Fisheries Commission area, EEZ Kiribati	Common bottlenose dolphin (STOCK NOT SPECIFIED) Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED) Sea lion unspecified (STOCK NOT SPECIFIED)	Common bottlenose dolphin (STOCK NOT SPECIFIED): NOT PROVIDED Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED): NOT PROVIDED Sea lion unspecified (STOCK NOT SPECIFIED): NOT PROVIDED	WCPFC

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Bigeye tuna (<i>Thunnus obesus</i>), Skipjack tuna (<i>Katsuwonus pelamis</i>), Tunas nei (<i>Thunnini</i>), Yellowfin tuna (<i>Thunnus albacares</i>)	Handlines and hand-operated pole-and-lines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Eastern Tropical Pacific, IATTC Convention Area			IATTC
Jumbo flying squid (<i>Dosidicus gigas</i>)	Jig, (Bottom)	Number of Vessels: N/A, Licenses: N/A, Participants: 1000, Aquaculture Facilities: N/A	EEZ,(FAO:87 Pacific Southeast),N/A	Common bottlenose dolphin (STOCK NOT SPECIFIED) Humpback whale (STOCK NOT SPECIFIED) Sperm whale, cachalot (STOCK NOT SPECIFIED)	Common bottlenose dolphin (STOCK NOT SPECIFIED): UNKNOWN Humpback whale (STOCK NOT SPECIFIED): UNKNOWN Sperm whale, cachalot (STOCK NOT SPECIFIED): UNKNOWN	
Export Fisheries						
Atlantic redfishes nei (<i>Sebastes</i> spp), Catfishes nei (<i>Ictalurus</i> spp), Cornetfish (<i>Fistularia tabacaria</i>), Croakers/drums nei (<i>Sciaenidae</i>), Ocean whitefish (<i>Caulolatilus princeps</i>), Weakfishes nei(= <i>corvina/curvina</i>) (<i>Cynoscion</i> spp)	Longlines (not specified), (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	continental EEZ			
Common dolphinfish (<i>Coryphaena hippurus</i>), Marlins nei (<i>Makaira</i> spp), Marlins,sailfishes,etc. nei (<i>Istiophoridae</i>), Skipjack tuna (<i>Katsuwonus pelamis</i>), Striped marlin (<i>Tetrapturus audax</i>), Wahoo (<i>Acanthocybium solandri</i>), Yellowfin tuna (<i>Thunnus albacares</i>)	Trolling lines, (Surface)	Number of Vessels: 200, Licenses: N/A, Participants: N/A, Aquaculture Facilities: N/A	EEZ,(FAO:87 Pacific Southeast),87.1.4,Continental EEZ	Common bottlenose dolphin (STOCK NOT SPECIFIED) Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED) Humpback whale (STOCK NOT SPECIFIED) Killer whale, orca (STOCK NOT SPECIFIED) Sperm whale, cachalot (STOCK NOT SPECIFIED)	Common bottlenose dolphin (STOCK NOT SPECIFIED): UNKNOWN Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED): UNKNOWN Humpback whale (STOCK NOT SPECIFIED): UNKNOWN Killer whale, orca (STOCK NOT SPECIFIED): UNKNOWN Sperm whale, cachalot (STOCK NOT SPECIFIED): UNKNOWN	
Salmonids nei (<i>Salmonidae</i>)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			
Jellyfishes nei (<i>Rhopilema</i> spp), Pacific seabob (<i>Xiphopenaeus riveti</i>), Titi shrimp (<i>Protrachypene precipua</i>), Whiteleg shrimp (<i>Penaeus vannamei</i>), Zebra shrimp (<i>Trachypenaeus pacificus</i>)	Other (Please Specify) Pasive Net, (Surface)	Number of Vessels: N/A, Licenses: N/A, Participants: 340, Aquaculture Facilities: N/A	EEZ,(FAO:87 Pacific Southeast),87.1.3,none provided	Common bottlenose dolphin (STOCK NOT SPECIFIED)	Common bottlenose dolphin (STOCK NOT SPECIFIED): 0	
Patagonian toothfish (<i>Dissostichus eleginoides</i>)	Longlines (not specified), (Bottom), Traps (not specified), (Bottom)	Number of Vessels: 2, Licenses: 2, Participants: N/A, Aquaculture Facilities: N/A	EEZ,(FAO:87 Pacific Southeast),87.1.1, 87.1.11, 87.1.12, 87.1.13, 87.1.14, 87.1.15, 87.1.2, 87.1.21, 87.1.22, 87.1.23, 87.1.24, 87.1.25, 87.1.3, 87.1.4,continental EEZ	Blue whale (STOCK NOT SPECIFIED) Common bottlenose dolphin (STOCK NOT SPECIFIED) Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED) Dusky dolphin (STOCK NOT SPECIFIED) Eastern spinner dolphin (STOCK NOT SPECIFIED) Killer whale, orca (STOCK NOT SPECIFIED) Offshore pantropical spotted dolphin (STOCK NOT SPECIFIED) Sperm whale, cachalot (STOCK NOT SPECIFIED) Spinner dolphin (STOCK NOT SPECIFIED)	Blue whale (STOCK NOT SPECIFIED): 0 Common bottlenose dolphin (STOCK NOT SPECIFIED): 0 Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED): 0 Dusky dolphin (STOCK NOT SPECIFIED): 0 Eastern spinner dolphin (STOCK NOT SPECIFIED): 0 Killer whale, orca (STOCK NOT SPECIFIED): 0 Offshore pantropical spotted dolphin (STOCK NOT SPECIFIED): 0 Sperm whale, cachalot (STOCK NOT SPECIFIED): 0 Spinner dolphin (STOCK NOT SPECIFIED): 0	CCAMLR, IATTC
Marine crustaceans nei (<i>Crustacea</i>), marine shrimps nei	Set gillnets/set nets (anchored)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	continental EEZ, mouths of rivers	Common bottlenose dolphin (STOCK NOT SPECIFIED) Dusky dolphin (STOCK NOT SPECIFIED) Humpback whale (STOCK NOT SPECIFIED) Pygmy sperm whale (STOCK NOT SPECIFIED) Sperm whale, cachalot (STOCK NOT SPECIFIED)	Common bottlenose dolphin (STOCK NOT SPECIFIED): 0 Dusky dolphin (STOCK NOT SPECIFIED): 0 Humpback whale (STOCK NOT SPECIFIED): 0 Pygmy sperm whale (STOCK NOT SPECIFIED): 0 Sperm whale, cachalot (STOCK NOT SPECIFIED): 0	

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Bighead tilefish (<i>Caulolatilus affinis</i>), Brazilian groupers nei (<i>Mycteroperca</i> spp), Broomtail grouper (<i>Mycteroperca xenarcha</i>), Brotula clarki (<i>Brotula clarki</i>), Chilhuil sea catfish (<i>Bagre panamensis</i>), Fortune jack (<i>Seriola peruana</i>), God's flounder (<i>Cyclopsetta panamensis</i>), Graery threadfin seabass (<i>Cratinus agassizii</i>), Longfin yellowtail (<i>Seriola rivoliana</i>), Olive grouper (<i>Epinephelus cifuentesi</i>), Pacific harvestfish (<i>Peprilus medius</i>), Pacific mutton hamlet (<i>Alphestes immaculatus</i>), Paralabrax spp (<i>Paralabrax</i> spp), Polla drum (<i>Umbrina xanti</i>), Red sea catfish (<i>Bagre pinnimaculatus</i>), Rooster hind (<i>Epinephelus acanthistius</i>), Schedophilus nei (<i>Schedophilus</i> spp), Snappers nei (<i>Lutjanus</i> spp), Snooks(=Robalos) nei (<i>Centropomus</i> spp), Speckled flounder (<i>Paralichthys woolmani</i>), Specklefin cusk-eel (<i>Lepophidium negropinna</i>), Starry grouper (<i>Epinephelus labriformis</i>), Toothed flounder (<i>Cyclopsetta querna</i>), Weakfishes nei(=corvina/curvina) (<i>Cynoscion</i> spp)	Gillnets and entangling nets (not specified), (Bottom)	Number of Vessels: N/A, Licenses: N/A, Participants: 4000, Aquaculture Facilities: N/A	EEZ,(FAO:87 Pacific Southeast),87.1.4,continental EEZ	Common bottlenose dolphin (STOCK NOT SPECIFIED) Dusky dolphin (STOCK NOT SPECIFIED) Humpback whale (STOCK NOT SPECIFIED) Pygmy sperm whale (STOCK NOT SPECIFIED) Sperm whale, cachalot (STOCK NOT SPECIFIED)	Common bottlenose dolphin (STOCK NOT SPECIFIED): 0 Dusky dolphin (STOCK NOT SPECIFIED): 0 Humpback whale (STOCK NOT SPECIFIED): 0 Pygmy sperm whale (STOCK NOT SPECIFIED): 0 Sperm whale, cachalot (STOCK NOT SPECIFIED): 0	
Atlantic redfishes nei (<i>Sebastes</i> spp), Catfishes nei (<i>Ictalurus</i> spp), Cornetfish (<i>Fistularia tabacaria</i>), Croakers/drums nei (<i>Sciaenidae</i>), Ocean whitefish (<i>Caulolatilus princeps</i>), Penaeus shrimps nei (<i>Penaeus</i> spp), South Pacific hake (<i>Merluccius gayi</i>), Titi shrimp (<i>Protrachypene precipua</i>), Trachypenaeus shrimps nei (<i>Trachypenaeus</i> spp), Weakfishes nei(=corvina/curvina) (<i>Cynoscion</i> spp), Whiteleg shrimp (<i>Penaeus vannamei</i>), Zebra shrimp (<i>Trachypenaeus pacificus</i>)	Trawls (not specified), (Bottom)	Number of Vessels: 86, Licenses: N/A, Participants: N/A, Aquaculture Facilities: N/A	EEZ,(FAO:87 Pacific Southeast),87.1.4,continental EEZ	Common bottlenose dolphin (STOCK NOT SPECIFIED) Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED) False killer whale (STOCK NOT SPECIFIED) Humpback whale (STOCK NOT SPECIFIED) Killer whale, orca (STOCK NOT SPECIFIED) Sperm whale, cachalot (STOCK NOT SPECIFIED)	Common bottlenose dolphin (STOCK NOT SPECIFIED): 0 Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED): 0 False killer whale (STOCK NOT SPECIFIED): 0 Humpback whale (STOCK NOT SPECIFIED): 0 Killer whale, orca (STOCK NOT SPECIFIED): 0 Sperm whale, cachalot (STOCK NOT SPECIFIED): 0	
Bigeye tuna (<i>Thunnus obesus</i>), Black skipjack (<i>Euthynnus lineatus</i>), Common dolphinfish (<i>Coryphaena hippurus</i>), Eastern Pacific bonito (<i>Sarda chiliensis</i>), Escolar (<i>Lepidocybium flavobrunneum</i>), Indo-Pacific sailfish (<i>Istiophorus platypterus</i>), Marlins nei (<i>Makaira</i> spp), Pacific sierra (<i>Scomberomorus sierra</i>), Skipjack tuna (<i>Katsuwonus pelamis</i>), Striped marlin (<i>Tetrapturus audax</i>), Swordfish (<i>Xiphias gladius</i>), Wahoo (<i>Acanthocybium solandri</i>), Yellowfin tuna (<i>Thunnus albacares</i>)	Gillnets and entangling nets (not specified), (Surface)	Number of Vessels: 1500, Licenses: N/A, Participants: N/A, Aquaculture Facilities: N/A	EEZ,(FAO:87 Pacific Southeast),87.1.4,continental EEZ	Common bottlenose dolphin (STOCK NOT SPECIFIED) Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED) Dusky dolphin (STOCK NOT SPECIFIED) Humpback whale (STOCK NOT SPECIFIED) Killer whale, orca (STOCK NOT SPECIFIED) Offshore pantropical spotted dolphin (STOCK NOT SPECIFIED) Pygmy sperm whale (STOCK NOT SPECIFIED) Sea lion unspecified (STOCK NOT SPECIFIED) Sperm whale, cachalot (STOCK NOT SPECIFIED) pilot whale unspecified (STOCK NOT SPECIFIED)	Common bottlenose dolphin (STOCK NOT SPECIFIED): UNKNOWN Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED): UNKNOWN Dusky dolphin (STOCK NOT SPECIFIED): UNKNOWN Humpback whale (STOCK NOT SPECIFIED): UNKNOWN Killer whale, orca (STOCK NOT SPECIFIED): UNKNOWN Offshore pantropical spotted dolphin (STOCK NOT SPECIFIED): UNKNOWN Pygmy sperm whale (STOCK NOT SPECIFIED): UNKNOWN Sea lion unspecified (STOCK NOT SPECIFIED): UNKNOWN Sperm whale, cachalot (STOCK NOT SPECIFIED): UNKNOWN pilot whale unspecified (STOCK NOT SPECIFIED): UNKNOWN	
Punctuated snake-eel (<i>Ophichthus remiger</i>)	Traps (not specified), (Demersal)	Number of Vessels: 10, Licenses: N/A, Participants: N/A, Aquaculture Facilities: N/A	EEZ,(FAO:87 Pacific Southeast),continental EEZ	Blue whale (STOCK NOT SPECIFIED) Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED) Dusky dolphin (STOCK NOT SPECIFIED) Killer whale, orca (STOCK NOT SPECIFIED) Sperm whale, cachalot (STOCK NOT SPECIFIED) Spinner dolphin (STOCK NOT SPECIFIED)	Blue whale (STOCK NOT SPECIFIED): 0 Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED): 0 Dusky dolphin (STOCK NOT SPECIFIED): 0 Killer whale, orca (STOCK NOT SPECIFIED): 0 Sperm whale, cachalot (STOCK NOT SPECIFIED): 0 Spinner dolphin (STOCK NOT SPECIFIED): 0	
Carangids nei (<i>Carangidae</i>), Penaeus shrimps nei (<i>Penaeus</i> spp)	Trammel nets, (Bottom)	Number of Vessels: N/A, Licenses: N/A, Participants: 4000, Aquaculture Facilities: N/A	EEZ,(FAO:87 Pacific Southeast),87.1.4,continental EEZ	Common bottlenose dolphin (STOCK NOT SPECIFIED)	Common bottlenose dolphin (STOCK NOT SPECIFIED): 0	
Alewife (<i>Alosa pseudoharengus</i>), Anchovies nei (<i>Engraulis</i> spp), Bigscale anchovy (<i>Anchovia macrolepidota</i>), Boxfishes nei (<i>Ostraciidae</i>), Carangids nei (<i>Carangidae</i>), Frigate and bullet tunas (<i>Auxis thazard</i> , <i>A. rochei</i>), Jacks/crevalles nei (<i>Caranx</i> spp), Mackerels nei (<i>Scombridae</i>), Pacific chub mackerel (<i>Scomber japonicus</i>), Red-eye round herring (<i>Etrumeus teres</i>), Smelts nei (<i>Osmerus</i> spp, <i>Hypomesus</i> spp)	Purse seines, (Midwater), Purse seines, (Surface)	Number of Vessels: 277, Licenses: N/A, Participants: N/A, Aquaculture Facilities: N/A	EEZ,(FAO:87 Pacific Southeast),87.1.4,Continent al EEZ	Common bottlenose dolphin (STOCK NOT SPECIFIED) Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED) Humpback whale (STOCK NOT SPECIFIED) Sea lion unspecified (STOCK NOT SPECIFIED) Sperm whale, cachalot (STOCK NOT SPECIFIED)	Common bottlenose dolphin (STOCK NOT SPECIFIED): 0 Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED): 0 Humpback whale (STOCK NOT SPECIFIED): 0 Sea lion unspecified (STOCK NOT SPECIFIED): 0 Sperm whale, cachalot (STOCK NOT SPECIFIED): 0	
Hakes nei (<i>Merluccius</i> spp), Saithe(=Pollock) (<i>Pollachius virens</i>), Smelts nei (<i>Osmerus</i> spp, <i>Hypomesus</i> spp), Whiting (<i>Merlangius merlangus</i>)	Trawls (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	continental EEZ			

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Bigeye tuna (<i>Thunnus obesus</i>), Black marlin (<i>Makaira indica</i>), Common dolphinfish (<i>Coryphaena hippurus</i>), Escolar (<i>Lepidocybium flavobrunneum</i>), Marlins nei (<i>Makaira</i> spp), Opah (<i>Lampris guttatus</i>), Skipjack tuna (<i>Katsuwonus pelamis</i>), Swordfish (<i>Xiphias gladius</i>), Tunas nei (<i>Thunnini</i>), Various sharks nei (<i>Selachimorpha</i> (<i>Pleuretremata</i>)), Wahoo (<i>Acanthocybium solandri</i>), Yellowfin tuna (<i>Thunnus albacares</i>)	Longlines (not specified), (Midwater), Longlines (not specified), (Pelagic), Longlines (not specified), (Surface)	Number of Vessels: 277, Licenses: N/A, Participants: N/A, Aquaculture Facilities: N/A	High Seas, EEZ, Peru, (FAO:77 Pacific Eastern Central, FAO:87 Pacific Southeast),Exclusive Economic Zone (Continental and island) and Eastern Tropical Pacific Ocean Inter-American Tropical Tuna Commission Convention Area	Blue whale (STOCK NOT SPECIFIED) Common bottlenose dolphin (STOCK NOT SPECIFIED) Dusky dolphin (STOCK NOT SPECIFIED) Eastern spinner dolphin (STOCK NOT SPECIFIED) Humpback whale (STOCK NOT SPECIFIED) Killer whale, orca (STOCK NOT SPECIFIED) Offshore pantropical spotted dolphin (STOCK NOT SPECIFIED) Pygmy sperm whale (STOCK NOT SPECIFIED) Sperm whale, cachalot (STOCK NOT SPECIFIED) Spinner dolphin (STOCK NOT SPECIFIED)	Blue whale (STOCK NOT SPECIFIED): 0 Common bottlenose dolphin (STOCK NOT SPECIFIED): 0 Dusky dolphin (STOCK NOT SPECIFIED): 0 Eastern spinner dolphin (STOCK NOT SPECIFIED): 0 Humpback whale (STOCK NOT SPECIFIED): 0 Killer whale, orca (STOCK NOT SPECIFIED): 0 Offshore pantropical spotted dolphin (STOCK NOT SPECIFIED): 0 Pygmy sperm whale (STOCK NOT SPECIFIED): 0 Sperm whale, cachalot (STOCK NOT SPECIFIED): 0 Spinner dolphin (STOCK NOT SPECIFIED): 0	IATTC

Egypt

Exempt Fisheries						
Sea cucumbers nei (<i>Holothuroidea</i>)	Diving (SCUBA and/or free-diving)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	None provided			
Export Fisheries						
Marine molluscs nei (<i>Mollusca</i>)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	None provided			
Rock lobsters nei (<i>Jasus</i> spp)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	None provided			
Anchovies nei (<i>Engraulis</i> spp), Herrings/sardines nei (<i>Clupeidae</i>)	Purse seines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Mediterranean coast, Red sea and adjacent gulfs			

El Salvador

Exempt Fisheries						
Bigeye tuna (<i>Thunnus obesus</i>), Skipjack tuna (<i>Katsuwonus pelamis</i>), Tunas nei (<i>Thunnini</i>), Yellowfin tuna (<i>Thunnus albacares</i>)	Purse seines, (Pelagic)	Number of Vessels: 2, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	High Seas,EEZ,(FAO:77 Pacific Eastern Central, FAO:87 Pacific Southeast)	Dolphin unspecified (UNKNOWN)	Dolphin unspecified (UNKNOWN): NOT PROVIDED	IATTC
Export Fisheries						
Blue marlin (<i>Makaira nigricans</i>), Carcharhinus sharks nei (<i>Carcharhinus</i> spp), Common dolphinfish (<i>Coryphaena hippurus</i>), Hammerhead sharks/etc. nei (<i>Sphyrnidae</i>), Marlins nei (<i>Makaira</i> spp), Marlins,sailfishes,etc. nei (<i>Istiophoridae</i>), Marlins,sailfishes,etc. nei (<i>Istiophoridae</i>)	Longlines (not specified), (Pelagic)	Number of Vessels: 1, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	High Seas,EEZ,(FAO:77 Pacific Eastern Central),None provided	Blue whale (UNKNOWN) Dolphin unspecified (UNKNOWN) Whale unspecified (UNKNOWN)	Blue whale (UNKNOWN): UNKNOWN Dolphin unspecified (UNKNOWN): UNKNOWN Whale unspecified (UNKNOWN): UNKNOWN	

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Carcharhinus sharks nei (Carcharhinus spp), Common dolphinfish (Coryphaena hippurus), Marlins,sailfishes,etc. nei (Istiophoridae)	Longlines (not specified), (Pelagic)	UNKNOWN	EEZ,(FAO:77 Pacific Eastern Central),ARTISANAL FISHERIES			
Bastard halibuts nei (Paralichthys spp), Croakers/drums nei (Sciaenidae), Sea catfishes nei (Ariidae), Snappers/jobfishes nei (Lutjanidae), Toothed flounder (Cyclopsetta querna), marine shrimps nei	Bottom pair trawls, (Bottom)	Number of Vessels: 52, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:77 Pacific Eastern Central),COASTAL FISHERY	Dolphin unspecified (UNKNOWN)	Dolphin unspecified (UNKNOWN): UNKNOWN	
Carangids nei (Carangidae), Mackerels nei (Scombridae), Snappers/jobfishes nei (Lutjanidae)	Gillnets and entangling nets (not specified), (Pelagic)	UNKNOWN	EEZ,(FAO:77 Pacific Eastern Central),None provided			
Bigeye tuna (Thunnus obesus), Carcharhinus sharks nei (Carcharhinus spp), Common dolphinfish (Coryphaena hippurus), Dolphinfishes nei (Coryphaenidae), Hammerhead sharks nei (Sphyrna spp), Skipjack tuna (Katsuwonus pelamis), Swordfish (Xiphias gladius), Thresher sharks nei (Alopias spp), Tunas nei (Thunnini), Yellowfin tuna (Thunnus albacares)	Purse seines, (Pelagic)	Number of Vessels: 5, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	High Seas,EEZ,Angola,Cape Verde Islands,Equatorial Guinea,Gabon,Guinea,Guinea-Bissau,Ivory Coast,Kiribati,Liberia,Mauritania,(FAO:34 Atlantic Eastern Central, FAO:47 Atlantic Southeast, FAO:71 Pacific Western Central)	Common dolphin (UNKNOWN)	Common dolphin (UNKNOWN): UNKNOWN	ICCAT,W CPFC
Lobsters nei (Reptantia)	Set gillnets/set nets (anchored), (Bottom)	UNKNOWN	EEZ,(FAO:77 Pacific Eastern Central),None provided			
Armed snook (Centropomus armatus), Groupers/seabasses nei (Serranidae), Hammerhead sharks nei (Sphyrna spp), Snappers nei (Lutjanus spp), Snooks(=Robalos) nei (Centropomus spp), Weakfishes nei(=corvina/curvina) (Cynoscion spp), Yellowfin snook (Centropomus robalito)	Drift gillnets, (Demersal), Handlines and hand-operated pole-and-lines, (Demersal)	UNKNOWN	EEZ,(FAO:77 Pacific Eastern Central),ARTISANAL AND COASTAL FISHERY, WITH A MAXIMUM OF 8 METERS BOATS	Dolphin unspecified (UNKNOWN)	Dolphin unspecified (UNKNOWN): UNKNOWN	

Estonia

Export Fisheries						
Baltic herring (Clupea harengus membras)	Fyke nets, (Midwater), Pound nets, (Midwater)	Number of Vessels: 445, Licenses: 541, Participants: 450, Aquaculture Facilities: 0	EEZ,(FAO:27 Atlantic Northeast),27.3.d, 27.3.d.28.1, 27.3.d.28.2, 27.3.d.29, 27.3.d.32	Gray seal (Baltic Sea) Ringed seal (Baltic Sea)	Gray seal (Baltic Sea): 0 Ringed seal (Baltic Sea): 0	
European flounder (Platichthys flesus), European perch (Perca fluviatilis), European smelt (Osmerus eperlanus), Marine fishes nei (Osteichthyes), Northern pike (Esox lucius), Pike-perch (Sander lucioperca)	Fyke nets, (Midwater), Set gillnets/set nets (anchored), (Midwater)	Number of Vessels: 1100, Licenses: 1784, Participants: 1179, Aquaculture Facilities: 0	EEZ,(FAO:27 Atlantic Northeast),27.3.d.28, 27.3.d.28.1, 27.3.d.28.2, 27.3.d.29, 27.3.d.32,Northeast Atlantic FAO Area 27: ICES Area III d	Gray seal (Baltic Sea) Ringed seal (Baltic Sea)	Gray seal (Baltic Sea): 0 Ringed seal (Baltic Sea): 0	
Baltic herring (Clupea harengus membras), European sprat (Sprattus sprattus)	Otter trawls (not specified), (Midwater)	Number of Vessels: 29, Licenses: 226, Participants: 22, Aquaculture Facilities: 0	EEZ,(FAO:27 Atlantic Northeast),27.3.d,Northeast Atlantic FAO Area 27: ICES Area III d	Gray seal (Baltic Sea) Ringed seal (Baltic Sea)	Gray seal (Baltic Sea): 0 Ringed seal (Baltic Sea): 0	

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Amer. plaice(=Long rough dab) (Hippoglossoides platessoides), Atlantic cod (Gadus morhua), Atlantic halibut (Hippoglossus hippoglossus), Atlantic redfishes nei (Sebastes spp), Greenland halibut (Reinhardtius hippoglossoides), Raja rays nei (Raja spp), Roughhead grenadier (Macrourus berglax), Silver hake (Merluccius bilinearis), Witch flounder (Glyptocephalus cynoglossus), Yellowtail flounder (Limanda ferruginea)	Otter trawls (not specified), (Bottom)	Number of Vessels: 3, Licenses: 31, Participants: 2, Aquaculture Facilities: 0	High Seas,(FAO:21 Atlantic Northwest),21.3.L, 21.3.M, 21.3.N, 21.3.O,Northwest Atlantic FAO Area 21			NAFO
Northern prawn (Pandalus borealis)	Otter trawls (not specified), (Bottom)	Number of Vessels: 3, Licenses: 44, Participants: 2, Aquaculture Facilities: 0	High Seas,EEZ,(FAO:27 Atlantic Northeast, FAO:21 Atlantic Northwest),21.3.L, 21.3.M, 27.1.a , 27.1.b , 27.14.b.2, 27.2.b.2,Northwest Atlantic FAO Area 21 and Northeast Atlantic FAO Area 27			NAFO,NE AFC
Amer. plaice(=Long rough dab) (Hippoglossoides platessoides), Atlantic cod (Gadus morhua), Greenland halibut (Reinhardtius hippoglossoides), Spotted wolffish (Anarhichas minor)	Otter trawls (not specified), (Bottom)	Number of Vessels: 3, Licenses: 44, Participants: 2, Aquaculture Facilities: 0	High Seas,(FAO:27 Atlantic Northeast),27.1.a ,Northeast Atlantic FAO Area 27			NEAFC

Falkland Islands

Exempt Fisheries						
Patagonian toothfish (Dissostichus eleginoides)	Longlines (not specified), (Bottom)	Number of Vessels: 1, Licenses: 1, Participants: 1, Aquaculture Facilities: 0	EEZ,(FAO:41 Atlantic Southwest)	Killer whale, orca (UNKNOWN) Sperm whale, cachalot (UNKNOWN)		Killer whale, orca (UNKNOWN): NOT PROVIDED Sperm whale, cachalot (UNKNOWN): NOT PROVIDED
Export Fisheries						
Patagonian squid (Loligo gahi)	Bottom trawls (not specified), (Demersal)	Number of Vessels: 16, Licenses: 16, Participants: 16, Aquaculture Facilities: 0	EEZ,(FAO:41 Atlantic Southwest)	South American fur seal (Southwestern Atlantic) South American sea lion (Southwestern Atlantic)		South American fur seal (Southwestern Atlantic): UNKNOWN South American sea lion (Southwestern Atlantic): UNKNOWN

Faroe Islands

Exempt Fisheries						
Queen scallop (Aequipecten opercularis)	Dredges (not specified), (Bottom)	Number of Vessels: 1, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:27 Atlantic Northeast),Faroe Islands EFZ			NEAFC
Export Fisheries						
Atlantic salmon (Salmo salar), Salmonids nei (Salmonidae)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: 3	EEZ,(FAO:27 Atlantic Northeast),There are three aquaculture companies holding 20 farming licenses to produce salmon within the fjords and sounds of the Faroe Islands.	Gray seal (Faroese local)		Gray seal (Faroese local): 83.5
Northern prawn (Pandalus borealis)	shrimp/prawn trawl, (Demersal)	Number of Vessels: 4, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	High Seas, EEZ, Greenland, Russian Federation, (FAO:27 Atlantic Northeast, FAO:21 Atlantic Northwest)			NAFO,NE AFC

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Norway lobster (<i>Nephrops norvegicus</i>)	Fish pots/fish traps, (Bottom)	Number of Vessels: 32, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:27 Atlantic Northeast),Faroe Islands EFZ, 20 to 30 meter from coast in fjords in 10 m depth			NEAFC
Atlantic herring (<i>Clupea harengus</i>), Atlantic mackerel (<i>Scomber scombrus</i>), Blue whiting(=Poutassou) (<i>Micromesistius poutassou</i>)	Midwater trawls (not specified), (Pelagic)	Number of Vessels: 30, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	High Seas, EEZ, Iceland,Norway,United Kingdom,(FAO:27 Atlantic Northeast),Faroe Islands EFZ, NEAFC Regulatory Area, EU Area, Iceland EEZ, Norway EEZ	North Atlantic minke whale (North East Atlantic) pilot whale unspecified (North-East Atlantic)	North Atlantic minke whale (North East Atlantic): .4 pilot whale unspecified (North-East Atlantic): .6	NEAFC
Capelin (<i>Mallotus villosus</i>)	Purse seines, (Midwater)	Number of Vessels: 15, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,Iceland,(FAO:27 Atlantic Northeast),Iceland EEZ			NEAFC
Atlantic halibut (<i>Hippoglossus hippoglossus</i>), Atlantic redfishes nei (<i>Sebastes</i> spp), Black scabbardfish (<i>Aphanopus carbo</i>), Blue ling (<i>Molva dypterygia</i>), European plaice (<i>Pleuronectes platessa</i>), Flatfishes nei (<i>Pleuronectiformes</i>), Greater argentine (<i>Argentina silus</i>), Greenland halibut (<i>Reinhardtius hippoglossoides</i>), Groundfishes nei (<i>Osteichthyes</i>), Haddock (<i>Melanogrammus aeglefinus</i>), Lemon sole (<i>Microstomus kitt</i>), Ling (<i>Molva molva</i>), Monkfishes nei (<i>Lophius</i> spp), Northern cods nei (<i>Gadus</i> spp), Orange roughy (<i>Hoplostethus atlanticus</i>), Righteye flounders nei (<i>Pleuronectidae</i>), Roundnose grenadier (<i>Coryphaenoides rupestris</i>), Saithe(=Pollock) (<i>Pollachius virens</i>), Tusk(=Cusk) (<i>Brosme brosme</i>), Whiting (<i>Merlangius merlangus</i>), Wolffishes(=Catfishes) nei (<i>Anarhichas</i> spp)	Trawls (not specified), (Demersal)	Number of Vessels: 48, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	High Seas, EEZ, Greenland, Iceland,Norway,Russian Federation,(FAO:27 Atlantic Northeast, FAO:21 Atlantic Northwest),Faroe Islands EFZ, Iceland EEZ, Greenland EFZ, Norway EEZ, Russia EEZ (Barents Sea), Svalbard Area, NAFO Regulatory Area and NEAFC Regulatory Area			NAFO,NE AFC
Atlantic redfishes nei (<i>Sebastes</i> spp), Blue ling (<i>Molva dypterygia</i>), Greenland halibut (<i>Reinhardtius hippoglossoides</i>), Ling (<i>Molva molva</i>), Monkfishes nei (<i>Lophius</i> spp), Northern cods nei (<i>Gadus</i> spp), Saithe(=Pollock) (<i>Pollachius virens</i>), Tusk(=Cusk) (<i>Brosme brosme</i>)	Set gillnets/set nets (anchored), (Bottom)	Number of Vessels: 4, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:27 Atlantic Northeast),Faroe Islands EFZ			NEAFC
Red crab (<i>Chaceon quinquegens</i>), Snow crab (<i>Chionoecetes opilio</i>)	Fish pots/fish traps, (Bottom)	Number of Vessels: 1, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	High Seas,EEZ,(FAO:27 Atlantic Northeast)			NEAFC
Atlantic halibut (<i>Hippoglossus hippoglossus</i>), Atlantic redfishes nei (<i>Sebastes</i> spp), Blue ling (<i>Molva dypterygia</i>), European plaice (<i>Pleuronectes platessa</i>), Flatfishes nei (<i>Pleuronectiformes</i>), Greenland halibut (<i>Reinhardtius hippoglossoides</i>), Groundfishes nei (<i>Osteichthyes</i>), Haddock (<i>Melanogrammus aeglefinus</i>), Ling (<i>Molva molva</i>), Monkfishes nei (<i>Lophius</i> spp), Northern cods nei (<i>Gadus</i> spp), Saithe(=Pollock) (<i>Pollachius virens</i>), Tusk(=Cusk) (<i>Brosme brosme</i>), Whiting (<i>Merlangius merlangus</i>), Wolffishes(=Catfishes) nei (<i>Anarhichas</i> spp)	Longlines (not specified), (Demersal)	Number of Vessels: 28, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	High Seas, EEZ, Greenland, Iceland, (FAO:27 Atlantic Northeast, FAO:21 Atlantic Northwest),Faroe Islands EFZ, Iceland EEZ, Greenland EEZ, NAFO Regulatory Area and NEAFC Regulatory Area			NAFO,NE AFC

Federated States of Micronesia

Exempt Fisheries

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Bigeye tuna (<i>Thunnus obesus</i>), Yellowfin tuna (<i>Thunnus albacares</i>)	Purse seines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Kiribati, Western Central Pacific Fishery Commission Convention Area			WCPFC
Clams/etc. nei (<i>Bivalvia</i>), Cuttlefishes nei (<i>Sepia</i> spp), Hard corals/madrepores nei (<i>Scleractinia</i>), Marine shells nei (<i>Ex Mollusca</i>), Scallops nei (<i>Pectinidae</i>)	Diving (SCUBA and/or free-diving)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	None provided			

Export Fisheries						
Albacore (<i>Thunnus alalunga</i>), Bigeye tuna (<i>Thunnus obesus</i>), Swordfish (<i>Xiphias gladius</i>), Yellowfin tuna (<i>Thunnus albacares</i>)	Longlines (not specified), (Midwater)	Number of Vessels: none provided, Licenses: 62, Participants: none provided, Aquaculture Facilities: none provided	High Seas,EEZ,Cook Islands,Marshall Islands,(FAO:71 Pacific Western Central),Kiribati, Western Central Pacific Fishery Commission Convention Area	Dolphin unspecified (STOCK NOT SPECIFIED)	Dolphin unspecified (STOCK NOT SPECIFIED): 1	WCPFC

Fiji

Exempt Fisheries						
Groupers nei (<i>Epinephelus</i> spp), Snappers nei (<i>Lutjanus</i> spp)	Handlines and hand-operated pole-and-lines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Fijian EEZ			
Hard corals/madrepores nei (<i>Scleractinia</i>), Trochus shells nei (<i>Ex Trochus</i> spp)	Hand collection	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Fijian EEZ			
Marine molluscs nei (<i>Mollusca</i>)	Hand collection	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Fijian EEZ			
Sea mussels nei (<i>Mytilidae</i>)	Hand collection	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Fijian EEZ			
Sea cucumbers nei (<i>Holothuroidea</i>)	Diving (SCUBA and/or free-diving)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Fijian EEZ			

Export Fisheries						
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Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Groupers/seabasses nei (Serranidae)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	None provided			
Mackerels nei (Scombridae)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	None provided			
Homarus lobsters nei (Homarus spp), Lobsters nei (Reptantia)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	None provided			
Groundfishes nei (Osteichthyes), Northern cods nei (Gadus spp)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	None provided			
Flatfishes nei (Pleuronectiformes), Righteye flounders nei (Pleuronectidae)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	None provided			
Albacore (Thunnus alalunga), Bigeye tuna (Thunnus obesus), Dolphinfishes nei (Coryphaenidae), Swordfish (Xiphias gladius), Tunas nei (Thunnini), Yellowfin tuna (Thunnus albacares)	Longlines (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Coral Sea; Fijian waters	False killer whale (STOCK NOT SPECIFIED) Melon-headed whale, Electra dolphin (STOCK NOT SPECIFIED) pilot whale unspecified (STOCK NOT SPECIFIED)	False killer whale (STOCK NOT SPECIFIED): 0 Melon-headed whale, Electra dolphin (STOCK NOT SPECIFIED): 0 pilot whale unspecified (STOCK NOT SPECIFIED): 0	WCPFC

Finland

Exempt Fisheries						
Whitefishes nei (Coregonus spp)	Aquaculture (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	marine fish farms, Finnish terr. waters and EEZ of northern Baltic Sea (sub-divisions 29, 30, 31 and 32)	Gray seal (Baltic Sea) Ringed seal (The Baltic Sea stock.)		Gray seal (Baltic Sea): NOT PROVIDED Ringed seal (The Baltic Sea stock.): NOT PROVIDED
Marine fishes nei (roe/milt) (Osteichthyes), Rainbow trout (Oncorhynchus mykiss)	Aquaculture (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	marine fish farms, Finnish terr. waters and EEZ of northern Baltic Sea (sub-divisions 29, 30, 31 and 32)	Gray seal (Baltic Sea) Ringed seal (The Baltic Sea stock.)		Gray seal (Baltic Sea): NOT PROVIDED Ringed seal (The Baltic Sea stock.): NOT PROVIDED

Export Fisheries

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Atlantic herring (<i>Clupea harengus</i>), Baltic herring (<i>Clupea harengus membras</i>)	Trawls (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Main part of catch in northern Baltic Sea (sub-divisions 28, 29, 30, 31 and 32)	Gray seal (Baltic Sea)	Gray seal (Baltic Sea): NOT PROVIDED	
Atlantic salmon (<i>Salmo salar</i>), Salmonids nei (<i>Salmonidae</i>)	trap nets/stationary nets	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Finnish terr. waters and EEZ of northern Baltic Sea (sub-divisions 29, 30, 31 and 32)	Gray seal (Baltic Sea) Ringed seal (The Baltic Sea stock.)	Gray seal (Baltic Sea): UNKNOWN Ringed seal (The Baltic Sea stock.): UNKNOWN	
Atlantic cod (<i>Gadus morhua</i>)	Bottom trawls (not specified), (Demersal)	Number of Vessels: 5, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,Denmark,Poland,Sweden,(FAO:27 Atlantic Northeast),Swedish, Danish and Polish EEZ of Baltic Main Basin (sub-divisions 24-26)	Gray seal (Baltic Sea)	Gray seal (Baltic Sea): 0	
Atlantic cod (<i>Gadus morhua</i>)	Set gillnets/set nets (anchored), (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Finnish terr. waters and EEZ of northern Baltic Sea (sub-divisions 29 and 32)	Gray seal (Baltic Sea)	Gray seal (Baltic Sea): 0	
Whitefishes nei (<i>Coregonus</i> spp)	Combined gillnets-trammel nets	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Finnish terr. waters and EEZ of northern Baltic Sea (sub-divisions 29, 30, 31 and 32)	Gray seal (Baltic Sea) Ringed seal (The Baltic Sea stock.)	Gray seal (Baltic Sea): 0 Ringed seal (The Baltic Sea stock.): 0	
Northern pike (<i>Esox lucius</i>)	Combined gillnets-trammel nets	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Finnish terr. waters and EEZ of northern Baltic Sea (sub-divisions 29, 30, 31 and 32)	Gray seal (Baltic Sea) Ringed seal (The Baltic Sea stock.)	Gray seal (Baltic Sea): 0 Ringed seal (The Baltic Sea stock.): 0	
Atlantic herring (<i>Clupea harengus</i>), Baltic herring (<i>Clupea harengus membras</i>), Marine fishes nei (<i>roe/milt</i>) (<i>Osteichthyes</i>)	Combined gillnets-trammel nets	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Finnish terr. waters and EEZ of northern Baltic Sea (sub-divisions 29, 30, 31 and 32)	Gray seal (Baltic Sea) Ringed seal (The Baltic Sea stock.)	Gray seal (Baltic Sea): 0 Ringed seal (The Baltic Sea stock.): 0	
Baltic herring (<i>Clupea harengus membras</i>)	Pound nets, (Surface)	Number of Vessels: 150, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:27 Atlantic Northeast),Baltic Sea Finnish EEZ	Gray seal (Baltic Sea) Ringed seal (The Baltic Sea stock.)	Gray seal (Baltic Sea): 0 Ringed seal (The Baltic Sea stock.): 0	

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Pike-perch (<i>Sander lucioperca</i>)	Combined gillnets-trammel nets	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Finnish terr. waters and EEZ of northern Baltic Sea (sub-divisions 29, 30, 31 and 32)	Gray seal (Baltic Sea) Ringed seal (The Baltic Sea stock.)	Gray seal (Baltic Sea): 0 Ringed seal (The Baltic Sea stock.): 0	
European perch (<i>Perca fluviatilis</i>), Groupers/seabasses nei (<i>Serranidae</i>)	Combined gillnets-trammel nets	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Finnish terr. waters and EEZ of northern Baltic Sea (sub-divisions 29, 30, 31 and 32)	Gray seal (Baltic Sea) Ringed seal (The Baltic Sea stock.)	Gray seal (Baltic Sea): 0 Ringed seal (The Baltic Sea stock.): 0	

France

Exempt Fisheries						
Golden redfish (<i>Sebastes marinus</i>), Redfish (<i>Centroberyx affinis</i>)	Hooks and lines (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic (FAO 27)			
Atlantic cod (<i>Gadus morhua</i>)	Hooks and lines (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic (FAO 27)			
Edible crab (<i>Cancer pagurus</i>)	Hooks and lines (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic (FAO 27)			
Atlantic mackerel (<i>Scomber scombrus</i>)	Hooks and lines (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic (FAO 27)			
Skipjack tuna (<i>Katsuwonus pelamis</i>), Tunas nei (<i>Thunnini</i>)	Purse seines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Cook Islands, Pacific Ocean, Cook Islands EEZ			WCPFC
Great Atlantic scallop (<i>Pecten maximus</i>)	Hooks and lines (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic (FAO 27)			

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Albacore (Thunnus alalunga)	Handlines and hand-operated pole-and-lines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Cape Verde, Mauritania, Senegal, F AO Area 34, Cape Verde EEZ, Senegal EEZ, Mauritania EEZ			
Export Fisheries						
	Gillnets and entangling nets (not specified), Trawls (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	ICES 27.4b, 27.7.h	Gray seal (STOCK NOT SPECIFIED) Harbor seal, common seal (UNKNOWN)	Gray seal (STOCK NOT SPECIFIED): NOT PROVIDED Harbor seal, common seal (UNKNOWN): NOT PROVIDED	
	Trawls (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	ICES areas	Harbor porpoise (Atlantic North East)	Harbor porpoise (Atlantic North East): NOT PROVIDED	
	Gillnets and entangling nets (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	no information	Common dolphin, saddleback dolphin (Atlantic North East) Striped dolphin (UNKNOWN) pilot whale unspecified (UNKNOWN)	Common dolphin, saddleback dolphin (Atlantic North East): NOT PROVIDED Striped dolphin (UNKNOWN): NOT PROVIDED pilot whale unspecified (UNKNOWN): NOT PROVIDED	
	Gillnets and entangling nets (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	ICES area VIII	Common dolphin, saddleback dolphin (Atlantic North East) Harbor porpoise (Atlantic North East) Striped dolphin (UNKNOWN)	Common dolphin, saddleback dolphin (Atlantic North East): NOT PROVIDED Harbor porpoise (Atlantic North East): NOT PROVIDED Striped dolphin (UNKNOWN): NOT PROVIDED	
	Trammel nets	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	ICES area VIII	Common dolphin, saddleback dolphin (Atlantic North East) Harbor porpoise (Atlantic North East) Striped dolphin (UNKNOWN)	Common dolphin, saddleback dolphin (Atlantic North East): NOT PROVIDED Harbor porpoise (Atlantic North East): NOT PROVIDED Striped dolphin (UNKNOWN): NOT PROVIDED	
	Midwater trawls (not specified), (Midwater)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Mediterranean	Striped dolphin (UNKNOWN)	Striped dolphin (UNKNOWN): NOT PROVIDED	
	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	NW Mediterranean, FAO area 37	Striped dolphin (UNKNOWN)	Striped dolphin (UNKNOWN): NOT PROVIDED	
Seaweeds nei (Algae)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Anchovies nei (Engraulis spp), Herrings/sardines nei (Clupeidae)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			
Bonitos nei (Sarda spp)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			
Sturgeon (caviar/roe)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			
Atlantic halibut (Hippoglossus hippoglossus)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			
Lobsters nei (Reptantia)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			
Herrings/sardines nei (Clupeidae)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			
Salmonids nei (Salmonidae)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			
Sea urchins nei (Strongylocentrotus spp)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			
Sea snails (Rapana spp)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Turbot (<i>Psetta maxima</i>)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			
Anchovies nei (<i>Engraulis</i> spp), Hakes nei (<i>Merluccius</i> spp)	Trawls (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	no information	Striped dolphin (UNKNOWN)	Striped dolphin (UNKNOWN): NOT PROVIDED	
Acoupa weakfish (<i>Cynoscion acoupa</i>)	Other (Please Specify)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Guyana,EEZ Guyana			
Patagonian toothfish (<i>Dissostichus eleginoides</i>)	Set longlines, (Bottom)	Number of Vessels: 7, Licenses: 7, Participants: 7, Aquaculture Facilities: 0	High Seas,(FAO:51 Indian Ocean Western),51.7			SIOFA
Atlantic cod (<i>Gadus morhua</i>)	Purse seines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic (FAO 27)			
Edible crab (<i>Cancer pagurus</i>)	Trawls (not specified), (Demersal)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic (FAO 27)			
Edible crab (<i>Cancer pagurus</i>)	Trawls (not specified), (Pelagic)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic (FAO 27)			
Edible crab (<i>Cancer pagurus</i>)	Gillnets and entangling nets (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic (FAO 27)			
Edible crab (<i>Cancer pagurus</i>)	Longlines (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic (FAO 27)			

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Atlantic mackerel (<i>Scomber scombrus</i>)	Trawls (not specified), (Demersal)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic (FAO 27)	Harbor porpoise (Atlantic North East)	Harbor porpoise (Atlantic North East): NOT PROVIDED	
Atlantic mackerel (<i>Scomber scombrus</i>)	Trawls (not specified), (Demersal)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Mediterranean and Black Sea (FAO 37)	Harbor porpoise (Atlantic North East)	Harbor porpoise (Atlantic North East): NOT PROVIDED	
Atlantic mackerel (<i>Scomber scombrus</i>)	Trawls (not specified), (Pelagic)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic (FAO 27)	Harbor porpoise (Atlantic North East)	Harbor porpoise (Atlantic North East): NOT PROVIDED	
Atlantic mackerel (<i>Scomber scombrus</i>)	Trawls (not specified), (Pelagic)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Mediterranean and Black Sea (FAO 37)	Harbor porpoise (Atlantic North East)	Harbor porpoise (Atlantic North East): NOT PROVIDED	
Atlantic mackerel (<i>Scomber scombrus</i>)	Gillnets and entangling nets (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic (FAO 27)			
Atlantic mackerel (<i>Scomber scombrus</i>)	Gillnets and entangling nets (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Mediterranean and Black Sea (FAO 37)			
Atlantic mackerel (<i>Scomber scombrus</i>)	Longlines (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic (FAO 27)			
Atlantic mackerel (<i>Scomber scombrus</i>)	Purse seines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic (FAO 27)			
European pilchard(=Sardine) (<i>Sardina pilchardus</i>)	Trawls (not specified), (Demersal)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic (FAO 27)			

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
European pilchard(=Sardine) (Sardina pilchardus)	Trawls (not specified), (Demersal)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Mediterranean and Black Sea (FAO 37)			
European pilchard(=Sardine) (Sardina pilchardus)	Trawls (not specified), (Pelagic)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic (FAO 27)			
European pilchard(=Sardine) (Sardina pilchardus)	Trawls (not specified), (Pelagic)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Mediterranean and Black Sea (FAO 37)			
European pilchard(=Sardine) (Sardina pilchardus)	Gillnets and entangling nets (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic (FAO 27)			
European pilchard(=Sardine) (Sardina pilchardus)	Purse seines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic (FAO 27)			
European pilchard(=Sardine) (Sardina pilchardus)	Purse seines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Mediterranean and Black Sea (FAO 37)			
Golden redfish (Sebastes marinus), Redfish (Centroberyx affinis)	Trawls (not specified), (Demersal)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic (FAO 27)			
Golden redfish (Sebastes marinus), Redfish (Centroberyx affinis)	Trawls (not specified), (Pelagic)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic (FAO 27)			
Golden redfish (Sebastes marinus), Redfish (Centroberyx affinis)	Longlines (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic (FAO 27)			

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Great Atlantic scallop (<i>Pecten maximus</i>)	Dredges (not specified), (Demersal)	Number of Vessels: 530, Licenses: 530, Participants: 530, Aquaculture Facilities: 0	Northeast Atlantic (FAO 27)	Common dolphin, saddleback dolphin (Atlantic North East)	Common dolphin, saddleback dolphin (Atlantic North East): 0	
Tunas nei (Thunnini)	Trawls (not specified), (Demersal)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic (FAO 27)			
Tunas nei (Thunnini)	Trawls (not specified), (Pelagic)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic (FAO 27)	Common dolphin, saddleback dolphin (Atlantic North East)	Common dolphin, saddleback dolphin (Atlantic North East): NOT PROVIDED	
Tunas nei (Thunnini)	Gillnets and entangling nets (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic (FAO 27)			
Tunas nei (Thunnini)	Gillnets and entangling nets (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Mediterranean and Black Sea (FAO 37)			
Tunas nei (Thunnini)	Longlines (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic (FAO 27)			
Tunas nei (Thunnini)	Longlines (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Mauritania, Eastern Central Atlantic (FAO 34)			ICCAT
Tunas nei (Thunnini)	Longlines (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Mediterranean and Black Sea (FAO 37)			

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Tunas nei (Thunnini)	Longlines (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Madagascar,Mauritius,Moza mbique,Reunion,Seychelles, Western Indian Ocean (FAO 51)	Common minke whale (UNKNOWN) Humpback whale (UNKNOWN) Risso's dolphin, grampus (UNKNOWN)	Common minke whale (UNKNOWN): NOT PROVIDED Humpback whale (UNKNOWN): NOT PROVIDED Risso's dolphin, grampus (UNKNOWN): NOT PROVIDED	IOTC
Swordfish (Xiphias gladius)	Longlines (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	IOTC Convention Area			IOTC
Albacore (Thunnus alalunga), Bigeye tuna (Thunnus obesus), Skipjack tuna (Katsuwonus pelamis), Yellowfin tuna (Thunnus albacares)	Purse seines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Cape Verde,Ghana,Ivory Coast,Liberia,Mauritania,Senegal,Eastern Central Atlantic (FAO 34)			ICCAT
Tunas nei (Thunnini)	Purse seines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Southwest Atlantic (FAO 41)			ICCAT
Tunas nei (Thunnini)	Purse seines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Southeast Atlantic (FAO 47)	Common dolphin, saddleback dolphin (Atlantic North East)	Common dolphin, saddleback dolphin (Atlantic North East): NOT PROVIDED	ICCAT
Tunas nei (Thunnini)	Purse seines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Madagascar,Mauritius,Moza mbique,Reunion,Seychelles, Western Indian Ocean (FAO 51)	Baleen whale unspecified (UNKNOWN)	Baleen whale unspecified (UNKNOWN): NOT PROVIDED	IOTC
Monkfishes nei (Lophius spp)	Gillnets and entangling nets (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	North Sea, Irish Sea, Bay of Biscay (ICES areas IV, VII and VIII)	Harbor porpoise (Atlantic North East)	Harbor porpoise (Atlantic North East): NOT PROVIDED	
Monkfishes nei (Lophius spp), Seabasses nei (Dicentrarchus spp), Soles nei (Soleidae)	Gillnets and entangling nets (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	North Sea, Irish Sea Channel, Northeast Atlantic (ICES areas IVe and VII, FAO area 27)	Harbor porpoise (Atlantic North East) Long-finned pilot whale (STOCK NOT SPECIFIED)	Harbor porpoise (Atlantic North East): NOT PROVIDED Long-finned pilot whale (STOCK NOT SPECIFIED): NOT PROVIDED	

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Finfishes nei (Osteichthyes), John dory (Zeus faber), Seabasses nei (Dicentrarchus spp)	Trawls (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	None provided	Common dolphin, saddleback dolphin (Atlantic North East)	Common dolphin, saddleback dolphin (Atlantic North East): NOT PROVIDED	
Groundfishes nei (Osteichthyes), Herrings/sardines nei (Clupeidae), Jack and horse mackerels nei (Trachurus spp), Mackerels nei (Scombridae), Porgies/seabreams nei (Sparidae), Sardinellas nei (Sardinella spp)	Trawls (not specified), (Pelagic)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Mauritania,FAO Area 34, Mauritania EEZ			
Edible crab (Cancer pagurus)	Other (Please Specify)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic (FAO 27)			
Atlantic mackerel (Scomber scombrus)	Other (Please Specify)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic (FAO 27)			
Atlantic mackerel (Scomber scombrus)	Other (Please Specify)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Mediterranean and Black Sea (FAO 37)			
European pilchard(=Sardine) (Sardina pilchardus)	Other (Please Specify)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic (FAO 27)			
European pilchard(=Sardine) (Sardina pilchardus)	Other (Please Specify)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Mediterranean and Black Sea (FAO 37)			
Tunas nei (Thunnini)	Other (Please Specify)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic (FAO 27)			

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Tunas nei (Thunnini)	Other (Please Specify)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Western Indian Ocean (FAO 51)			
Atlantic cod (Gadus morhua)	Trawls (not specified), (Demersal)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic (FAO 27)	Harbor seal, common seal (UNKNOWN)	Harbor seal, common seal (UNKNOWN): NOT PROVIDED	
Atlantic cod (Gadus morhua)	Trawls (not specified), (Pelagic)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic (FAO 27)			
Atlantic cod (Gadus morhua)	Gillnets and entangling nets (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic (FAO 27)			
Atlantic cod (Gadus morhua)	Longlines (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic (FAO 27)			

French Polynesia

Exempt Fisheries

Jack and horse mackerels nei (Trachurus spp)	Hand Implements (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Lagoons and shallow inshore waters			
Demersal fishes nei (Osteichthyes), Marine fishes nei (Osteichthyes), Pelagic fishes nei (Osteichthyes), Skipjack tuna (Katsuwonus pelamis), multispecies fishery unspecified (Osteichthyes)	Handlines and hand-operated pole-and-lines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Coast near-shore French Polynesian EEZ			WCPFC
Cuttlefishes nei (Sepia spp), Hard corals/madrepores nei (Scleractinia), Marine shells nei (Ex Mollusca)	Aquaculture (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Lagoons and shallow inshore waters			

Export Fisheries

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Albacore (Thunnus alalunga), Atlantic pomfret (Brama brama), Bigeye tuna (Thunnus obesus), Black marlin (Makaira indica), Blue marlin (Makaira nigricans), Common dolphin (Coryphaena hippurus), Indo-Pacific sailfish (Istiophorus platypterus), Opah (Lampris guttatus), Pacific bluefin tuna (Thunnus orientalis), Shortbill spearfish (Tetrapturus angustirostris), Sickie pomfret (Taractichthys steindachneri), Skipjack tuna (Katsuwonus pelamis), Striped marlin (Tetrapturus audax), Swordfish (Xiphias gladius), Wahoo (Acanthocybium solandri), Yellowfin tuna (Thunnus albacares)	Longlines (not specified), (Pelagic)	Number of Vessels: 76, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:77 Pacific Eastern Central, FAO:81 Pacific Southwest)	Blainville's beaked whale (UNKNOWN) Blue whale (UNKNOWN) Bryde's whale (UNKNOWN) Common bottlenose dolphin (UNKNOWN) Common dolphin, saddleback dolphin (UNKNOWN) Common minke whale (UNKNOWN) Cuvier's beaked whale, goose-beaked whale (UNKNOWN) Dwarf sperm whale (UNKNOWN) False killer whale (UNKNOWN) Fin whale (UNKNOWN) Fraser's dolphin (UNKNOWN) Humpback whale (UNKNOWN) Killer whale, orca (UNKNOWN) Melon-headed whale, Electra dolphin (UNKNOWN) Pantropical spotted dolphin (UNKNOWN) Pygmy killer whale (UNKNOWN) Pygmy sperm whale (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Rough-toothed dolphin (UNKNOWN) Sei whale (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Spinner dolphin (UNKNOWN) Striped dolphin (UNKNOWN) pilot whale unspecified (UNKNOWN)	Blainville's beaked whale (UNKNOWN): NOT PROVIDED Blue whale (UNKNOWN): NOT PROVIDED Bryde's whale (UNKNOWN): NOT PROVIDED Common bottlenose dolphin (UNKNOWN): NOT PROVIDED Common dolphin, saddleback dolphin (UNKNOWN): NOT PROVIDED Common minke whale (UNKNOWN): NOT PROVIDED Cuvier's beaked whale, goose-beaked whale (UNKNOWN): NOT PROVIDED Dwarf sperm whale (UNKNOWN): NOT PROVIDED False killer whale (UNKNOWN): NOT PROVIDED Fin whale (UNKNOWN): NOT PROVIDED Fraser's dolphin (UNKNOWN): NOT PROVIDED Humpback whale (UNKNOWN): NOT PROVIDED Killer whale, orca (UNKNOWN): NOT PROVIDED Melon-headed whale, Electra dolphin (UNKNOWN): NOT PROVIDED Pantropical spotted dolphin (UNKNOWN): NOT PROVIDED Pygmy killer whale (UNKNOWN): NOT PROVIDED Pygmy sperm whale (UNKNOWN): NOT PROVIDED Risso's dolphin, grampus (UNKNOWN): NOT PROVIDED Rough-toothed dolphin (UNKNOWN): NOT PROVIDED Sei whale (UNKNOWN): NOT PROVIDED Sperm whale, cachalot (UNKNOWN): NOT PROVIDED Spinner dolphin (UNKNOWN): NOT PROVIDED Striped dolphin (UNKNOWN): NOT PROVIDED pilot whale unspecified (UNKNOWN): NOT PROVIDED	WCPFC
Albacore (Thunnus alalunga), Atlantic pomfret (Brama brama), Bigeye tuna (Thunnus obesus), Black marlin (Makaira indica), Blue marlin (Makaira nigricans), Common dolphin (Coryphaena hippurus), Indo-Pacific sailfish (Istiophorus platypterus), Opah (Lampris guttatus), Pacific bluefin tuna (Thunnus orientalis), Shortbill spearfish (Tetrapturus angustirostris), Sickie pomfret (Taractichthys steindachneri), Skipjack tuna (Katsuwonus pelamis), Striped marlin (Tetrapturus audax), Swordfish (Xiphias gladius), Wahoo (Acanthocybium solandri), Yellowfin tuna (Thunnus albacares)	Longlines (not specified), (Pelagic)	Number of Vessels: 76, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:77 Pacific Eastern Central, FAO:81 Pacific Southwest),Eastern Tropical Pacific	Blainville's beaked whale (UNKNOWN) Blue whale (UNKNOWN) Bryde's whale (UNKNOWN) Common bottlenose dolphin (UNKNOWN) Common dolphin, saddleback dolphin (UNKNOWN) Common minke whale (UNKNOWN) Cuvier's beaked whale, goose-beaked whale (UNKNOWN) Dwarf sperm whale (UNKNOWN) False killer whale (UNKNOWN) Fin whale (UNKNOWN) Fraser's dolphin (UNKNOWN) Humpback whale (UNKNOWN) Killer whale, orca (UNKNOWN) Melon-headed whale, Electra dolphin (UNKNOWN) Pantropical spotted dolphin (UNKNOWN) Pygmy killer whale (UNKNOWN) Pygmy sperm whale (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Rough-toothed dolphin (UNKNOWN) Sei whale (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Spinner dolphin (UNKNOWN) Striped dolphin (UNKNOWN) pilot whale unspecified (UNKNOWN)	Blainville's beaked whale (UNKNOWN): NOT PROVIDED Blue whale (UNKNOWN): NOT PROVIDED Bryde's whale (UNKNOWN): NOT PROVIDED Common bottlenose dolphin (UNKNOWN): NOT PROVIDED Common dolphin, saddleback dolphin (UNKNOWN): NOT PROVIDED Common minke whale (UNKNOWN): NOT PROVIDED Cuvier's beaked whale, goose-beaked whale (UNKNOWN): NOT PROVIDED Dwarf sperm whale (UNKNOWN): NOT PROVIDED False killer whale (UNKNOWN): NOT PROVIDED Fin whale (UNKNOWN): NOT PROVIDED Fraser's dolphin (UNKNOWN): NOT PROVIDED Humpback whale (UNKNOWN): NOT PROVIDED Killer whale, orca (UNKNOWN): NOT PROVIDED Melon-headed whale, Electra dolphin (UNKNOWN): NOT PROVIDED Pantropical spotted dolphin (UNKNOWN): NOT PROVIDED Pygmy killer whale (UNKNOWN): NOT PROVIDED Pygmy sperm whale (UNKNOWN): NOT PROVIDED Risso's dolphin, grampus (UNKNOWN): NOT PROVIDED Rough-toothed dolphin (UNKNOWN): NOT PROVIDED Sei whale (UNKNOWN): NOT PROVIDED Sperm whale, cachalot (UNKNOWN): NOT PROVIDED Spinner dolphin (UNKNOWN): NOT PROVIDED Striped dolphin (UNKNOWN): NOT PROVIDED pilot whale unspecified (UNKNOWN): NOT PROVIDED	IATTC

French Southern and Antarctic Lands

Exempt Fisheries

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Mackerel icefish (Champscephalus gunnari)	Midwater trawls (not specified), (Demersal)	Number of Vessels: 2, Licenses: 2, Participants: 2, Aquaculture Facilities: 0	EEZ,(FAO:58 Antarctic and Southern Indian Ocean),Subarea 58.5.1 (Kerguelen Is.)	Antarctic fur seal (Kerguelen) Antarctic minke whale (UNKNOWN) Blue whale (UNKNOWN) Commerson's dolphin (UNKNOWN) Fin whale (UNKNOWN) Hourglass dolphin (UNKNOWN) Humpback whale (UNKNOWN) Kerguelen Islands Commerson's dolphin (Kerguelen) Killer whale, orca (Crozet Type A) Killer whale, orca (Crozet Type D) Leopard seal (UNKNOWN) Southern elephant seal (Kerguelen) Southern long-finned pilot whale (UNKNOWN) Southern right whale (UNKNOWN) Southern right-whale dolphin (UNKNOWN) Sperm whale, cachalot (Males depredating toothfish in Kerguelen and Crozet waters) Subantarctic fur seal (Kerguelen)	Antarctic fur seal (Kerguelen): NOT PROVIDED Antarctic minke whale (UNKNOWN): NOT PROVIDED Blue whale (UNKNOWN): NOT PROVIDED Commerson's dolphin (UNKNOWN): NOT PROVIDED Fin whale (UNKNOWN): NOT PROVIDED Hourglass dolphin (UNKNOWN): NOT PROVIDED Humpback whale (UNKNOWN): NOT PROVIDED Kerguelen Islands Commerson's dolphin (Kerguelen): NOT PROVIDED Killer whale, orca (Crozet Type A): NOT PROVIDED Killer whale, orca (Crozet Type D): NOT PROVIDED Leopard seal (UNKNOWN): NOT PROVIDED Southern elephant seal (Kerguelen): NOT PROVIDED Southern long-finned pilot whale (UNKNOWN): NOT PROVIDED Southern right whale (UNKNOWN): NOT PROVIDED Southern right-whale dolphin (UNKNOWN): NOT PROVIDED Sperm whale, cachalot (Males depredating toothfish in Kerguelen and Crozet waters): NOT PROVIDED Subantarctic fur seal (Kerguelen): NOT PROVIDED	CCAMLR
Patagonian toothfish (Dissostichus eleginoides)	Fish pots/fish traps, (Bottom), Set longlines, (Bottom)	Number of Vessels: 8, Licenses: 8, Participants: 8, Aquaculture Facilities: 0	EEZ,(FAO:58 Antarctic and Southern Indian Ocean , FAO:51 Indian Ocean Western),51.7, 58.6,Subarea 58.6 (Crozet Is.)	Antarctic fur seal (Crozet) Antarctic minke whale (UNKNOWN) Blue whale (UNKNOWN) Fin whale (UNKNOWN) Hourglass dolphin (UNKNOWN) Humpback whale (UNKNOWN) Killer whale, orca (Crozet Type A) Killer whale, orca (Crozet Type D) Southern elephant seal (Crozet) Southern long-finned pilot whale (UNKNOWN) Southern right whale (UNKNOWN) Southern right-whale dolphin (UNKNOWN) Sperm whale, cachalot (Males depredating toothfish in Kerguelen and Crozet waters) Subantarctic fur seal (Crozet)	Antarctic fur seal (Crozet): NOT PROVIDED Antarctic minke whale (UNKNOWN): NOT PROVIDED Blue whale (UNKNOWN): NOT PROVIDED Fin whale (UNKNOWN): NOT PROVIDED Hourglass dolphin (UNKNOWN): NOT PROVIDED Humpback whale (UNKNOWN): NOT PROVIDED Killer whale, orca (Crozet Type A): NOT PROVIDED Killer whale, orca (Crozet Type D): NOT PROVIDED Southern elephant seal (Crozet): NOT PROVIDED Southern long-finned pilot whale (UNKNOWN): NOT PROVIDED Southern right whale (UNKNOWN): NOT PROVIDED Southern right-whale dolphin (UNKNOWN): NOT PROVIDED Sperm whale, cachalot (Males depredating toothfish in Kerguelen and Crozet waters): NOT PROVIDED Subantarctic fur seal (Crozet): NOT PROVIDED	CCAMLR, SWIOFC
Patagonian toothfish (Dissostichus eleginoides)	Bottom trawls (not specified), (Bottom)	Number of Vessels: 1, Licenses: 1, Participants: 1, Aquaculture Facilities: 0	EEZ,(FAO:58 Antarctic and Southern Indian Ocean),Subarea 58.5.1 (Kerguelen Is.)	Antarctic fur seal (Kerguelen) Antarctic minke whale (UNKNOWN) Blue whale (UNKNOWN) Commerson's dolphin (UNKNOWN) Fin whale (UNKNOWN) Hourglass dolphin (UNKNOWN) Humpback whale (UNKNOWN) Kerguelen Islands Commerson's dolphin (Kerguelen) Killer whale, orca (Crozet Type A) Killer whale, orca (Crozet Type D) Leopard seal (UNKNOWN) Southern elephant seal (Kerguelen) Southern long-finned pilot whale (UNKNOWN) Southern right whale (UNKNOWN) Southern right-whale dolphin (UNKNOWN) Sperm whale, cachalot (Males depredating toothfish in Kerguelen and Crozet waters)	Antarctic fur seal (Kerguelen): NOT PROVIDED Antarctic minke whale (UNKNOWN): NOT PROVIDED Blue whale (UNKNOWN): NOT PROVIDED Commerson's dolphin (UNKNOWN): NOT PROVIDED Fin whale (UNKNOWN): NOT PROVIDED Hourglass dolphin (UNKNOWN): NOT PROVIDED Humpback whale (UNKNOWN): NOT PROVIDED Kerguelen Islands Commerson's dolphin (Kerguelen): NOT PROVIDED Killer whale, orca (Crozet Type A): NOT PROVIDED Killer whale, orca (Crozet Type D): NOT PROVIDED Leopard seal (UNKNOWN): NOT PROVIDED Southern elephant seal (Kerguelen): NOT PROVIDED Southern long-finned pilot whale (UNKNOWN): NOT PROVIDED Southern right whale (UNKNOWN): NOT PROVIDED Southern right-whale dolphin (UNKNOWN): NOT PROVIDED Sperm whale, cachalot (Males depredating toothfish in Kerguelen and Crozet waters): NOT PROVIDED	CCAMLR
toothfishes nei (Dissostichus spp)	Set longlines, (Bottom)	UNKNOWN	High Seas,(FAO:58 Antarctic and Southern Indian Ocean),58.4.3.a, 58.4.4.a, 58.4.4.b,Subarea 58.4.3a			CCAMLR

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Bluenose warehou (<i>Hyperoglyphe antarctica</i>), Hapuku wreckfish (<i>Polyprion oxygeneios</i>), St. Paul rock lobster (<i>Jasus paulensis</i>), Striped trumpeter (<i>Latris lineata</i>)	Pots/traps, (Bottom), Vertical lines, (Demersal)	Number of Vessels: 1, Licenses: 1, Participants: 1, Aquaculture Facilities: 0	EEZ,(FAO:51 Indian Ocean Western),EEZ of Saint - Paul and Amsterdam	Blue whale (UNKNOWN) Killer whale, orca (Amsterdam Type A) Southern elephant seal (Crozet) Subantarctic fur seal (Amsterdam)	Blue whale (UNKNOWN): NOT PROVIDED Killer whale, orca (Amsterdam Type A): NOT PROVIDED Southern elephant seal (Crozet): NOT PROVIDED Subantarctic fur seal (Amsterdam): NOT PROVIDED	SWIOFC
Export Fisheries						
Antarctic toothfish (<i>Dissostichus mawsoni</i>)	Set longlines, (Bottom)	Number of Vessels: 1, Licenses: 1, Participants: 1, Aquaculture Facilities: 0	High Seas,(FAO:58 Antarctic and Southern Indian Ocean),58.4.2	Killer whale, orca (Crozet Type A) Killer whale, orca (STOCK NOT SPECIFIED) Leopard seal (UNKNOWN) Weddell seal (UNKNOWN)	Killer whale, orca (Crozet Type A): 0 Killer whale, orca (STOCK NOT SPECIFIED): 0 Leopard seal (UNKNOWN): 0 Weddell seal (UNKNOWN): 0	CCAMLR
Patagonian toothfish (<i>Dissostichus eleginoides</i>)	Set longlines, (Bottom)	Number of Vessels: 8, Licenses: 8, Participants: 8, Aquaculture Facilities: 0	EEZ,(FAO:58 Antarctic and Southern Indian Ocean),58.5.1,Subarea 58.5.1 (Kerguelen Is.)	Antarctic fur seal (Kerguelen) Antarctic minke whale (UNKNOWN) Blue whale (UNKNOWN) Commerson's dolphin (UNKNOWN) Fin whale (UNKNOWN) Hourglass dolphin (UNKNOWN) Humpback whale (UNKNOWN) Kerguelen Islands Commerson's dolphin (Kerguelen) Killer whale, orca (Crozet Type A) Killer whale, orca (Crozet Type D) Leopard seal (UNKNOWN) Long-finned pilot whale (STOCK NOT SPECIFIED) Southern elephant seal (Kerguelen) Southern right whale (UNKNOWN) Southern right-whale dolphin (UNKNOWN) Sperm whale, cachalot (Males depredating toothfish in Kerguelen and Crozet waters) Subantarctic fur seal (Kerguelen)	Antarctic fur seal (Kerguelen): 0 Antarctic minke whale (UNKNOWN): 0 Blue whale (UNKNOWN): 0 Commerson's dolphin (UNKNOWN): 0 Fin whale (UNKNOWN): 0 Hourglass dolphin (UNKNOWN): 0 Humpback whale (UNKNOWN): 0 Kerguelen Islands Commerson's dolphin (Kerguelen): 0 Killer whale, orca (Crozet Type A): 0 Killer whale, orca (Crozet Type D): 0 Leopard seal (UNKNOWN): 0 Long-finned pilot whale (STOCK NOT SPECIFIED): 0 Southern elephant seal (Kerguelen): 1.17 Southern right whale (UNKNOWN): 0 Southern right-whale dolphin (UNKNOWN): 0 Sperm whale, cachalot (Males depredating toothfish in Kerguelen and Crozet waters): 0 Subantarctic fur seal (Kerguelen): 0	CCAMLR

Germany

Export Fisheries						
Atlantic herring (<i>Clupea harengus</i>)	Set gillnets/set nets (anchored), (Demersal)	Number of Vessels: 430, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:27 Atlantic Northeast),Belt Sea (ICES 27.3.c), Baltic Sea (ICES 27.3.d)	Gray seal (Northeast Atlantic) Harbor porpoise (Baltic Sea sub-population) Harbor porpoise (Belt Sea Population (Kattegat and Belt Seas))	Gray seal (Northeast Atlantic): 0 Harbor porpoise (Baltic Sea sub-population): 0 Harbor porpoise (Belt Sea Population (Kattegat and Belt Seas)): 0	
Herrings/sardines nei (<i>Clupeidae</i>), Jack and horse mackerels nei (<i>Trachurus spp</i>), Mackerels nei (<i>Scombridae</i>), Porgies/seabreams nei (<i>Sparidae</i>), Sardinellas nei (<i>Sardinella spp</i>)	Single boat midwater otter trawls, (Pelagic)	Number of Vessels: 2, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	High Seas, EEZ, Mauritania, Morocco,(FAO:34 Atlantic Eastern Central),34.1.31, 34.1.32,FAO Area 34, Mauritania EEZ	Common bottlenose dolphin (STOCK NOT SPECIFIED)	Common bottlenose dolphin (STOCK NOT SPECIFIED): 0	
Beaked redfish (<i>Sebastes mentella</i>)	Single boat midwater otter trawls, (Pelagic)	Number of Vessels: 1, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	High Seas, EEZ, Greenland, (FAO:27 Atlantic Northeast),27.1.a , 27.1.b , 27.12.a.1, 27.12.a.3, 27.14.b.1, 27.14.b.2, 27.2.a	Atlantic harbor porpoise (North Atlantic) Gray seal (Northeast Atlantic) Ringed seal (Arctic)	Atlantic harbor porpoise (North Atlantic): 0 Gray seal (Northeast Atlantic): 0 Ringed seal (Arctic): 0	NEAFC
Golden redfish (<i>Sebastes marinus</i>)	Single boat bottom otter trawls, (Demersal)	Number of Vessels: 3, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,Greenland,(FAO:27 Atlantic Northeast),27.14.b	Atlantic harbor porpoise (North Atlantic) Ringed seal (Arctic)	Atlantic harbor porpoise (North Atlantic): 0 Ringed seal (Arctic): 0	

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Ghana						
Exempt Fisheries						
Tunas nei (Thunnini)	Baited pole	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			
Bigeye tuna (Thunnus obesus), Skipjack tuna (Katsuwonus pelamis), Yellowfin tuna (Thunnus albacares)	Handlines and hand-operated pole-and-lines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Ghana EEZ			
Hard corals/madrepores nei (Scleractinia)	Hand collection	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Ghana EEZ			
Export Fisheries						
Marine molluscs nei (Mollusca)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Ghana EEZ			
Marine crustaceans nei (Crustacea)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Ghana EEZ			
Tunas nei (Thunnini)	Drift gillnets	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	not provided	Atlantic spotted dolphin (STOCK NOT SPECIFIED) Clymene dolphin (STOCK NOT SPECIFIED) Common bottlenose dolphin (STOCK NOT SPECIFIED) Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED) Cuvier's beaked whale, goose-beaked whale (STOCK NOT SPECIFIED) Dwarf sperm whale (STOCK NOT SPECIFIED) False killer whale (STOCK NOT SPECIFIED) Fraser's dolphin (STOCK NOT SPECIFIED) Melon-headed whale, Electra dolphin (STOCK NOT SPECIFIED) Pantropical spotted dolphin (STOCK NOT SPECIFIED) Pygmy killer whale (STOCK NOT SPECIFIED) Risso's dolphin, grampus (STOCK NOT SPECIFIED) Rough-toothed dolphin (STOCK NOT SPECIFIED) Short-finned pilot whale (STOCK NOT SPECIFIED) Spinner dolphin (STOCK NOT SPECIFIED)	Atlantic spotted dolphin (STOCK NOT SPECIFIED): NOT PROVIDED Clymene dolphin (STOCK NOT SPECIFIED): NOT PROVIDED Common bottlenose dolphin (STOCK NOT SPECIFIED): NOT PROVIDED Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED): NOT PROVIDED Cuvier's beaked whale, goose-beaked whale (STOCK NOT SPECIFIED): NOT PROVIDED Dwarf sperm whale (STOCK NOT SPECIFIED): NOT PROVIDED False killer whale (STOCK NOT SPECIFIED): NOT PROVIDED Fraser's dolphin (STOCK NOT SPECIFIED): NOT PROVIDED Melon-headed whale, Electra dolphin (STOCK NOT SPECIFIED): NOT PROVIDED Pantropical spotted dolphin (STOCK NOT SPECIFIED): NOT PROVIDED Pygmy killer whale (STOCK NOT SPECIFIED): NOT PROVIDED Risso's dolphin, grampus (STOCK NOT SPECIFIED): NOT PROVIDED Rough-toothed dolphin (STOCK NOT SPECIFIED): NOT PROVIDED Short-finned pilot whale (STOCK NOT SPECIFIED): NOT PROVIDED Spinner dolphin (STOCK NOT SPECIFIED): NOT PROVIDED	

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Tunas nei (Thunnini)	Purse seines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	not provided	Fraser's dolphin (STOCK NOT SPECIFIED) Pantropical spotted dolphin (STOCK NOT SPECIFIED)	Fraser's dolphin (STOCK NOT SPECIFIED): NOT PROVIDED Pantropical spotted dolphin (STOCK NOT SPECIFIED): NOT PROVIDED	
Swordfish (Xiphias gladius), Tunas nei (Thunnini), Various sharks nei (Selachimorpha (Pleurotremata))	Longlines (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Ghana EEZ	Short-finned pilot whale (STOCK NOT SPECIFIED) Sperm whale, cachalot (STOCK NOT SPECIFIED)	Short-finned pilot whale (STOCK NOT SPECIFIED): NOT PROVIDED Sperm whale, cachalot (STOCK NOT SPECIFIED): NOT PROVIDED	
Caramote prawn (Melicertus kerathurus), Deep-water rose shrimp (Parapenaeus longirostris), Southern pink shrimp (Penaeus notialis), marine shrimps nei	Trawls (not specified), (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Ghana EEZ			
Mackerels nei (Scombridae), Porgies/seabreams nei (Sparidae)	Gillnets and entangling nets (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	nearshore, Ghana EEZ	Atlantic humpback dolphin (STOCK NOT SPECIFIED) Bryde's whale (STOCK NOT SPECIFIED)	Atlantic humpback dolphin (STOCK NOT SPECIFIED): NOT PROVIDED Bryde's whale (STOCK NOT SPECIFIED): NOT PROVIDED	
Groupers nei (Epinephelus spp), Grunts nei (Haemulon spp), Snappers nei (Lutjanus spp)	Trawls (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Ghana EEZ	Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED) Rough-toothed dolphin (STOCK NOT SPECIFIED)	Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED): UNKNOWN Rough-toothed dolphin (STOCK NOT SPECIFIED): UNKNOWN	
Anchovies nei (Engraulis spp), Herrings/sardines nei (Clupeidae)	Purse seines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Ghana EEZ, Gulf of Guinea			
Mackerels nei (Scombridae)	Purse seines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Ghana EEZ			

Greece

Exempt Fisheries

Porgies/seabreams nei (Sparidae), Seabasses nei (Dicentrarchus spp)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: 318, Licenses: 318, Participants: 318, Aquaculture Facilities: 318	EEZ,(FAO:37 Mediterranean and Black Sea),37.2.2, 37.3.1,Mediterranean Sea: Eastern Ionian, Aegean Sea (FAO 37.3.1, 37.2.2)	Common bottlenose dolphin (STOCK NOT SPECIFIED) Common dolphin (STOCK NOT SPECIFIED) Harbor porpoise (STOCK NOT SPECIFIED) Mediterranean monk seal (STOCK NOT SPECIFIED) Rough-toothed dolphin (STOCK NOT SPECIFIED) Striped dolphin (STOCK NOT SPECIFIED)	Common bottlenose dolphin (STOCK NOT SPECIFIED): NOT PROVIDED Common dolphin (STOCK NOT SPECIFIED): NOT PROVIDED Harbor porpoise (STOCK NOT SPECIFIED): NOT PROVIDED Mediterranean monk seal (STOCK NOT SPECIFIED): NOT PROVIDED Rough-toothed dolphin (STOCK NOT SPECIFIED): NOT PROVIDED Striped dolphin (STOCK NOT SPECIFIED): NOT PROVIDED	
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Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Atlantic bluefin tuna (<i>Thunnus thynnus</i>)	Mechanized lines and pole-and-lines, (Pelagic)	Number of Vessels: 65, Licenses: 65, Participants: 65, Aquaculture Facilities: 2	High Seas,EEZ,(FAO:37 Mediterranean and Black Sea),37.2.2, 37.3.1, 37.3.2,Mediterranean Sea: Eastern Ionian, Aegean Sea (FAO 37.3.1, 37.2.2)	Common bottlenose dolphin (STOCK NOT SPECIFIED) Common dolphin (STOCK NOT SPECIFIED) Cuvier's beaked whale, goose-beaked whale (STOCK NOT SPECIFIED) Fin whale (STOCK NOT SPECIFIED) Harbor porpoise (STOCK NOT SPECIFIED) Mediterranean monk seal (STOCK NOT SPECIFIED) Risso's dolphin, grampus (STOCK NOT SPECIFIED) Rough-toothed dolphin (STOCK NOT SPECIFIED) Sperm whale, cachalot (STOCK NOT SPECIFIED) Striped dolphin (STOCK NOT SPECIFIED)	Common bottlenose dolphin (STOCK NOT SPECIFIED): 0 Common dolphin (STOCK NOT SPECIFIED): 0 Cuvier's beaked whale, goose-beaked whale (STOCK NOT SPECIFIED): 0 Fin whale (STOCK NOT SPECIFIED): 0 Harbor porpoise (STOCK NOT SPECIFIED): 0 Mediterranean monk seal (STOCK NOT SPECIFIED): 0 Risso's dolphin, grampus (STOCK NOT SPECIFIED): 0 Rough-toothed dolphin (STOCK NOT SPECIFIED): 0 Sperm whale, cachalot (STOCK NOT SPECIFIED): 0 Striped dolphin (STOCK NOT SPECIFIED): 0	ICCAT
Sea cucumbers nei (<i>Holothuroidea</i>)	Diving (SCUBA and/or free-diving), (Bottom), Hand collection, (Bottom)	Number of Vessels: 99, Licenses: 99, Participants: 99, Aquaculture Facilities: 0	EEZ,(FAO:37 Mediterranean and Black Sea),37.2.2, 37.3.1,Fishing in shallow waters very close to the coastline.	Common bottlenose dolphin (STOCK NOT SPECIFIED) Common dolphin (STOCK NOT SPECIFIED) Mediterranean monk seal (STOCK NOT SPECIFIED) Striped dolphin (STOCK NOT SPECIFIED)	Common bottlenose dolphin (STOCK NOT SPECIFIED): 0 Common dolphin (STOCK NOT SPECIFIED): 0 Mediterranean monk seal (STOCK NOT SPECIFIED): 0 Striped dolphin (STOCK NOT SPECIFIED): 0	
Export Fisheries						
Common octopus (<i>Octopus vulgaris</i>)	Bottom trawls (not specified), (Benthic), Other (Please Specify) Special pots with mouth diameter larger than 12 cm., (Bottom)	Number of Vessels: 256, Licenses: 256, Participants: 1536, Aquaculture Facilities: 0	EEZ,(FAO:37 Mediterranean and Black Sea),37.2.2, 37.3.1,Mediterranean Sea: Eastern Ionian, Aegean Sea (FAO 37.3.1, 37.2.2)	Common bottlenose dolphin (STOCK NOT SPECIFIED) Common dolphin (STOCK NOT SPECIFIED) Mediterranean monk seal (STOCK NOT SPECIFIED) Risso's dolphin, grampus (STOCK NOT SPECIFIED) Rough-toothed dolphin (STOCK NOT SPECIFIED) Striped dolphin (STOCK NOT SPECIFIED)	Common bottlenose dolphin (STOCK NOT SPECIFIED): 0 Common dolphin (STOCK NOT SPECIFIED): 0 Mediterranean monk seal (STOCK NOT SPECIFIED): 0 Risso's dolphin, grampus (STOCK NOT SPECIFIED): 0 Rough-toothed dolphin (STOCK NOT SPECIFIED): 0 Striped dolphin (STOCK NOT SPECIFIED): 0	
Common squids nei (<i>Loligo spp</i>)	Boat seines, (Benthic), Bottom trawls (not specified), (Benthic), Purse seines, (Midwater)	Number of Vessels: 660, Licenses: 660, Participants: 4660, Aquaculture Facilities: 0	EEZ,(FAO:37 Mediterranean and Black Sea),37.2.2, 37.3.1,Mediterranean Sea: Eastern Ionian, Aegean Sea (FAO 37.3.1, 37.2.2)	Common bottlenose dolphin (STOCK NOT SPECIFIED) Common dolphin (STOCK NOT SPECIFIED) Cuvier's beaked whale, goose-beaked whale (STOCK NOT SPECIFIED) Fin whale (STOCK NOT SPECIFIED) Harbor porpoise (STOCK NOT SPECIFIED) Mediterranean monk seal (STOCK NOT SPECIFIED) Risso's dolphin, grampus (STOCK NOT SPECIFIED) Rough-toothed dolphin (STOCK NOT SPECIFIED) Sperm whale, cachalot (STOCK NOT SPECIFIED) Striped dolphin (STOCK NOT SPECIFIED)	Common bottlenose dolphin (STOCK NOT SPECIFIED): 0 Common dolphin (STOCK NOT SPECIFIED): 0 Cuvier's beaked whale, goose-beaked whale (STOCK NOT SPECIFIED): 0 Fin whale (STOCK NOT SPECIFIED): 0 Harbor porpoise (STOCK NOT SPECIFIED): 0 Mediterranean monk seal (STOCK NOT SPECIFIED): 0 Risso's dolphin, grampus (STOCK NOT SPECIFIED): 0 Rough-toothed dolphin (STOCK NOT SPECIFIED): 0 Sperm whale, cachalot (STOCK NOT SPECIFIED): 0 Striped dolphin (STOCK NOT SPECIFIED): 0	
Albacore (<i>Thunnus alalunga</i>), Common dolphinfish (<i>Coryphaena hippurus</i>)	Mechanized lines and pole-and-lines, (Pelagic), Purse seines, (Pelagic)	Number of Vessels: 292, Licenses: 292, Participants: 292, Aquaculture Facilities: 0	High Seas,EEZ,(FAO:37 Mediterranean and Black Sea),37.2.2, 37.3.1, 37.3.2,Mediterranean Sea: Eastern Ionian, Aegean Sea (FAO 37.3.1, 37.2.2)	Common bottlenose dolphin (STOCK NOT SPECIFIED) Common dolphin (STOCK NOT SPECIFIED) Cuvier's beaked whale, goose-beaked whale (STOCK NOT SPECIFIED) Fin whale (STOCK NOT SPECIFIED) Harbor porpoise (STOCK NOT SPECIFIED) Mediterranean monk seal (STOCK NOT SPECIFIED) Risso's dolphin, grampus (STOCK NOT SPECIFIED) Rough-toothed dolphin (STOCK NOT SPECIFIED) Sperm whale, cachalot (STOCK NOT SPECIFIED) Striped dolphin (STOCK NOT SPECIFIED)	Common bottlenose dolphin (STOCK NOT SPECIFIED): 0 Common dolphin (STOCK NOT SPECIFIED): 0 Cuvier's beaked whale, goose-beaked whale (STOCK NOT SPECIFIED): 0 Fin whale (STOCK NOT SPECIFIED): 0 Harbor porpoise (STOCK NOT SPECIFIED): 0 Mediterranean monk seal (STOCK NOT SPECIFIED): 0 Risso's dolphin, grampus (STOCK NOT SPECIFIED): 0 Rough-toothed dolphin (STOCK NOT SPECIFIED): 0 Sperm whale, cachalot (STOCK NOT SPECIFIED): 0 Striped dolphin (STOCK NOT SPECIFIED): 0	GFCM,ICCAT

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Atlantic bluefin tuna (<i>Thunnus thynnus</i>)	Drifting longlines, (Pelagic)	Number of Vessels: 65, Licenses: 65, Participants: 65, Aquaculture Facilities: 2	High Seas,EEZ,(FAO:37 Mediterranean and Black Sea),37.2.2, 37.3.1, 37.3.2,Mediterranean Sea: Eastern Ionian, Aegean Sea (FAO 37.3.1, 37.2.2)	Common bottlenose dolphin (STOCK NOT SPECIFIED) Common dolphin (STOCK NOT SPECIFIED) Cuvier's beaked whale, goose-beaked whale (STOCK NOT SPECIFIED) Fin whale (STOCK NOT SPECIFIED) Harbor porpoise (STOCK NOT SPECIFIED) Mediterranean monk seal (STOCK NOT SPECIFIED) Risso's dolphin, grampus (STOCK NOT SPECIFIED) Rough-toothed dolphin (STOCK NOT SPECIFIED) Sperm whale, cachalot (STOCK NOT SPECIFIED) Striped dolphin (STOCK NOT SPECIFIED)	Common bottlenose dolphin (STOCK NOT SPECIFIED): NOT PROVIDED Common dolphin (STOCK NOT SPECIFIED): NOT PROVIDED Cuvier's beaked whale, goose-beaked whale (STOCK NOT SPECIFIED): NOT PROVIDED Fin whale (STOCK NOT SPECIFIED): NOT PROVIDED Harbor porpoise (STOCK NOT SPECIFIED): NOT PROVIDED Mediterranean monk seal (STOCK NOT SPECIFIED): NOT PROVIDED Risso's dolphin, grampus (STOCK NOT SPECIFIED): NOT PROVIDED Rough-toothed dolphin (STOCK NOT SPECIFIED): NOT PROVIDED Sperm whale, cachalot (STOCK NOT SPECIFIED): NOT PROVIDED Striped dolphin (STOCK NOT SPECIFIED): NOT PROVIDED	GFCM,IC CAT
Albacore (<i>Thunnus alalunga</i>), Common dolphinfish (<i>Coryphaena hippurus</i>)	Drifting longlines, (Pelagic)	Number of Vessels: 292, Licenses: 292, Participants: 292, Aquaculture Facilities: 0	High Seas,EEZ,(FAO:37 Mediterranean and Black Sea),37.2.2, 37.3.1, 37.3.2,Mediterranean Sea: Eastern Ionian, Aegean Sea (FAO 37.3.1, 37.2.2)	Common bottlenose dolphin (STOCK NOT SPECIFIED) Common dolphin (STOCK NOT SPECIFIED) Cuvier's beaked whale, goose-beaked whale (STOCK NOT SPECIFIED) Fin whale (STOCK NOT SPECIFIED) Harbor porpoise (STOCK NOT SPECIFIED) Mediterranean monk seal (STOCK NOT SPECIFIED) Risso's dolphin, grampus (STOCK NOT SPECIFIED) Rough-toothed dolphin (STOCK NOT SPECIFIED) Sperm whale, cachalot (STOCK NOT SPECIFIED) Striped dolphin (STOCK NOT SPECIFIED)	Common bottlenose dolphin (STOCK NOT SPECIFIED): NOT PROVIDED Common dolphin (STOCK NOT SPECIFIED): NOT PROVIDED Cuvier's beaked whale, goose-beaked whale (STOCK NOT SPECIFIED): NOT PROVIDED Fin whale (STOCK NOT SPECIFIED): NOT PROVIDED Harbor porpoise (STOCK NOT SPECIFIED): NOT PROVIDED Mediterranean monk seal (STOCK NOT SPECIFIED): NOT PROVIDED Risso's dolphin, grampus (STOCK NOT SPECIFIED): NOT PROVIDED Rough-toothed dolphin (STOCK NOT SPECIFIED): NOT PROVIDED Sperm whale, cachalot (STOCK NOT SPECIFIED): NOT PROVIDED Striped dolphin (STOCK NOT SPECIFIED): NOT PROVIDED	GFCM,IC CAT
Anchovies nei (<i>Engraulis</i> spp), Herrings/sardines nei (<i>Clupeidae</i>)	Purse seines, (Surface)	Number of Vessels: 282, Licenses: 282, Participants: 3100, Aquaculture Facilities: 0	High Seas,EEZ,(FAO:37 Mediterranean and Black Sea),37.2.2, 37.3.1, 37.3.2,Mediterranean Sea: Eastern Ionian, Aegean Sea (FAO 37.3.1, 37.2.2)	Common bottlenose dolphin (STOCK NOT SPECIFIED) Common dolphin (STOCK NOT SPECIFIED) Cuvier's beaked whale, goose-beaked whale (STOCK NOT SPECIFIED) Fin whale (STOCK NOT SPECIFIED) Harbor porpoise (STOCK NOT SPECIFIED) Mediterranean monk seal (STOCK NOT SPECIFIED) Risso's dolphin, grampus (STOCK NOT SPECIFIED) Rough-toothed dolphin (STOCK NOT SPECIFIED) Sperm whale, cachalot (STOCK NOT SPECIFIED) Striped dolphin (STOCK NOT SPECIFIED)	Common bottlenose dolphin (STOCK NOT SPECIFIED): 0 Common dolphin (STOCK NOT SPECIFIED): 0 Cuvier's beaked whale, goose-beaked whale (STOCK NOT SPECIFIED): 0 Fin whale (STOCK NOT SPECIFIED): 0 Harbor porpoise (STOCK NOT SPECIFIED): 0 Mediterranean monk seal (STOCK NOT SPECIFIED): 0 Risso's dolphin, grampus (STOCK NOT SPECIFIED): 0 Rough-toothed dolphin (STOCK NOT SPECIFIED): 0 Sperm whale, cachalot (STOCK NOT SPECIFIED): 0 Striped dolphin (STOCK NOT SPECIFIED): 0	
Jack and horse mackerels nei (<i>Trachurus</i> spp), Mackerels nei (<i>Scombridae</i>)	Purse seines, (Midwater), Set gillnets/set nets (anchored), (Demersal), Trawls (not specified), (Demersal)	Number of Vessels: 495, Licenses: 495, Participants: 4165, Aquaculture Facilities: 0	EEZ,(FAO:37 Mediterranean and Black Sea),37.2.2, 37.3.1,Mediterranean Sea: Eastern Ionian, Aegean Sea (FAO 37.3.1, 37.2.2)	Common bottlenose dolphin (STOCK NOT SPECIFIED) Common dolphin (STOCK NOT SPECIFIED) Cuvier's beaked whale, goose-beaked whale (STOCK NOT SPECIFIED) Fin whale (STOCK NOT SPECIFIED) Harbor porpoise (STOCK NOT SPECIFIED) Mediterranean monk seal (STOCK NOT SPECIFIED) Risso's dolphin, grampus (STOCK NOT SPECIFIED) Rough-toothed dolphin (STOCK NOT SPECIFIED) Sperm whale, cachalot (STOCK NOT SPECIFIED) Striped dolphin (STOCK NOT SPECIFIED)	Common bottlenose dolphin (STOCK NOT SPECIFIED): 0 Common dolphin (STOCK NOT SPECIFIED): 0 Cuvier's beaked whale, goose-beaked whale (STOCK NOT SPECIFIED): 0 Fin whale (STOCK NOT SPECIFIED): 0 Harbor porpoise (STOCK NOT SPECIFIED): 0 Mediterranean monk seal (STOCK NOT SPECIFIED): 0 Risso's dolphin, grampus (STOCK NOT SPECIFIED): 0 Rough-toothed dolphin (STOCK NOT SPECIFIED): 0 Sperm whale, cachalot (STOCK NOT SPECIFIED): 0 Striped dolphin (STOCK NOT SPECIFIED): 0	

Greenland

Exempt Fisheries

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Scallop (<i>Chlamys livida</i>)	Dredges (not specified), (Bottom)	Number of Vessels: 2, Licenses: 5, Participants: 2, Aquaculture Facilities: 0	EEZ,(FAO:21 Atlantic Northwest)	Bowhead whale, Greenland whale (Off West Greenland, IWC 2018) Fin whale (West Greenland stock, IWC 2018) Humpback whale (Off West Greenland, IWC 2018) North Atlantic minke whale (Central Atlantic stock, IWC 2018) North Atlantic minke whale (West Greenland stock, IWC 2018)	Bowhead whale, Greenland whale (Off West Greenland, IWC 2018): NOT PROVIDED Fin whale (West Greenland stock, IWC 2018): NOT PROVIDED Humpback whale (Off West Greenland, IWC 2018): NOT PROVIDED North Atlantic minke whale (Central Atlantic stock, IWC 2018): NOT PROVIDED North Atlantic minke whale (West Greenland stock, IWC 2018): NOT PROVIDED	
Atlantic cod (<i>Gadus morhua</i>)	Handlines and hand-operated pole-and-lines, (Surface)	UNKNOWN	EEZ,(FAO:27 Atlantic Northeast, FAO:21 Atlantic Northwest),Inshore	Bowhead whale, Greenland whale (Off West Greenland, IWC 2018) Fin whale (Off East Greenland) Fin whale (West Greenland stock, IWC 2018) Humpback whale (Off East Greenland) Humpback whale (Off West Greenland, IWC 2018) North Atlantic minke whale (Central Atlantic stock, IWC 2018) North Atlantic minke whale (West Greenland stock, IWC 2018)	Bowhead whale, Greenland whale (Off West Greenland, IWC 2018): NOT PROVIDED Fin whale (Off East Greenland): NOT PROVIDED Fin whale (West Greenland stock, IWC 2018): NOT PROVIDED Humpback whale (Off East Greenland): NOT PROVIDED Humpback whale (Off West Greenland, IWC 2018): NOT PROVIDED North Atlantic minke whale (Central Atlantic stock, IWC 2018): NOT PROVIDED North Atlantic minke whale (West Greenland stock, IWC 2018): NOT PROVIDED	
Export Fisheries						
Capelin (<i>Mallotus villosus</i>)	Purse seines, (Pelagic), Trawls (not specified), (Pelagic)	Number of Vessels: 3, Licenses: 3, Participants: 2, Aquaculture Facilities: 0	EEZ,Iceland,(FAO:27 Atlantic Northeast)	Bowhead whale, Greenland whale (Off West Greenland, IWC 2018) Fin whale (Off East Greenland) Fin whale (West Greenland stock, IWC 2018) Humpback whale (Off East Greenland) Humpback whale (Off West Greenland, IWC 2018) North Atlantic minke whale (Central Atlantic stock, IWC 2018) North Atlantic minke whale (West Greenland stock, IWC 2018)	Bowhead whale, Greenland whale (Off West Greenland, IWC 2018): NOT PROVIDED Fin whale (Off East Greenland): NOT PROVIDED Fin whale (West Greenland stock, IWC 2018): NOT PROVIDED Humpback whale (Off East Greenland): NOT PROVIDED Humpback whale (Off West Greenland, IWC 2018): NOT PROVIDED North Atlantic minke whale (Central Atlantic stock, IWC 2018): NOT PROVIDED North Atlantic minke whale (West Greenland stock, IWC 2018): NOT PROVIDED	ICES
Atlantic cod (<i>Gadus morhua</i>)	Otter trawls (not specified), (Bottom)	Number of Vessels: 6, Licenses: 14, Participants: 10, Aquaculture Facilities: 0	High Seas,EEZ,Norway,(FAO:27 Atlantic Northeast, FAO:21 Atlantic Northwest),Offshore	Bowhead whale, Greenland whale (Off West Greenland, IWC 2018) Fin whale (Off East Greenland) Fin whale (West Greenland stock, IWC 2018) Humpback whale (Off East Greenland) Humpback whale (Off West Greenland, IWC 2018) North Atlantic minke whale (Central Atlantic stock, IWC 2018) North Atlantic minke whale (West Greenland stock, IWC 2018)	Bowhead whale, Greenland whale (Off West Greenland, IWC 2018): 0 Fin whale (Off East Greenland): 0 Fin whale (West Greenland stock, IWC 2018): 0 Humpback whale (Off East Greenland): 0 Humpback whale (Off West Greenland, IWC 2018): 0 North Atlantic minke whale (Central Atlantic stock, IWC 2018): 0 North Atlantic minke whale (West Greenland stock, IWC 2018): 0	ICES,NAFO,NEAFC
Snow crab (<i>Chionoecetes opilio</i>)	Pots/traps, (Bottom)	Number of Vessels: 39, Licenses: 101, Participants: 55, Aquaculture Facilities: 0	EEZ,(FAO:21 Atlantic Northwest)	Bowhead whale, Greenland whale (Off West Greenland, IWC 2018) Fin whale (West Greenland stock, IWC 2018) Humpback whale (Off West Greenland, IWC 2018) North Atlantic minke whale (Central Atlantic stock, IWC 2018) North Atlantic minke whale (West Greenland stock, IWC 2018)	Bowhead whale, Greenland whale (Off West Greenland, IWC 2018): UNKNOWN Fin whale (West Greenland stock, IWC 2018): UNKNOWN Humpback whale (Off West Greenland, IWC 2018): UNKNOWN North Atlantic minke whale (Central Atlantic stock, IWC 2018): 0 North Atlantic minke whale (West Greenland stock, IWC 2018): 0	
Greenland halibut (<i>Reinhardtius hippoglossoides</i>), Turbot (<i>Psetta maxima</i>)	Gillnets and entangling nets (not specified), (Demersal), Longlines (not specified), (Demersal)	Number of Vessels: 3815, Licenses: 2070, Participants: 1935, Aquaculture Facilities: 0	EEZ,(FAO:27 Atlantic Northeast, FAO:21 Atlantic Northwest),Inshore	Bowhead whale, Greenland whale (Off West Greenland, IWC 2018) Fin whale (West Greenland stock, IWC 2018) Harbor seal, common seal (North Atlantic) Humpback whale (Off West Greenland, IWC 2018) North Atlantic minke whale (Central Atlantic stock, IWC 2018) North Atlantic minke whale (West Greenland stock, IWC 2018)	Bowhead whale, Greenland whale (Off West Greenland, IWC 2018): 0 Fin whale (West Greenland stock, IWC 2018): 0 Harbor seal, common seal (North Atlantic): UNKNOWN Humpback whale (Off West Greenland, IWC 2018): 0 North Atlantic minke whale (Central Atlantic stock, IWC 2018): 0 North Atlantic minke whale (West Greenland stock, IWC 2018): 0	ICES,NAFO

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Atlantic halibut (<i>Hippoglossus hippoglossus</i>)	Bottom trawls (not specified), (Demersal), Longlines (not specified), (Demersal)	Number of Vessels: 8, Licenses: -, Participants: -, Aquaculture Facilities: 0	EEZ,(FAO:27 Atlantic Northeast, FAO:21 Atlantic Northwest)	Bowhead whale, Greenland whale (Off West Greenland, IWC 2018) Fin whale (Off East Greenland) Fin whale (West Greenland stock, IWC 2018) Humpback whale (Off East Greenland) Humpback whale (Off West Greenland, IWC 2018) North Atlantic minke whale (Central Atlantic stock, IWC 2018) North Atlantic minke whale (West Greenland stock, IWC 2018)	Bowhead whale, Greenland whale (Off West Greenland, IWC 2018): 0 Fin whale (Off East Greenland): 0 Fin whale (West Greenland stock, IWC 2018): 0 Humpback whale (Off East Greenland): 0 Humpback whale (Off West Greenland, IWC 2018): 0 North Atlantic minke whale (Central Atlantic stock, IWC 2018): 0 North Atlantic minke whale (West Greenland stock, IWC 2018): 0	ICES,NAFO,NEAFC
Atlantic mackerel (<i>Scomber scombrus</i>)	Trawls (not specified), (Pelagic)	Number of Vessels: 31, Licenses: 33, Participants: 9, Aquaculture Facilities: 0	High Seas,EEZ,(FAO:27 Atlantic Northeast)	Bowhead whale, Greenland whale (Off West Greenland, IWC 2018) Fin whale (Off East Greenland) Humpback whale (Off East Greenland) Humpback whale (Off West Greenland, IWC 2018) North Atlantic minke whale (Central Atlantic stock, IWC 2018)	Bowhead whale, Greenland whale (Off West Greenland, IWC 2018): 0 Fin whale (Off East Greenland): 0 Humpback whale (Off East Greenland): 0 Humpback whale (Off West Greenland, IWC 2018): 0 North Atlantic minke whale (Central Atlantic stock, IWC 2018): UNKNOWN	ICES,NEAFC
Greenland halibut (<i>Reinhardtius hippoglossoides</i>), Turbot (<i>Psetta maxima</i>)	Otter trawls (not specified), (Bottom)	Number of Vessels: 282, Licenses: 18, Participants: 8, Aquaculture Facilities: 0	High Seas,EEZ,(FAO:27 Atlantic Northeast),Offshore	Bowhead whale, Greenland whale (Off West Greenland, IWC 2018) Fin whale (Off East Greenland) Fin whale (West Greenland stock, IWC 2018) Humpback whale (Off East Greenland) Humpback whale (Off West Greenland, IWC 2018) North Atlantic minke whale (Central Atlantic stock, IWC 2018) North Atlantic minke whale (West Greenland stock, IWC 2018) Northern bottlenose whale (North East Atlantic)	Bowhead whale, Greenland whale (Off West Greenland, IWC 2018): 0 Fin whale (Off East Greenland): 0 Fin whale (West Greenland stock, IWC 2018): 0 Humpback whale (Off East Greenland): 0 Humpback whale (Off West Greenland, IWC 2018): 0 North Atlantic minke whale (Central Atlantic stock, IWC 2018): 0 North Atlantic minke whale (West Greenland stock, IWC 2018): 0 Northern bottlenose whale (North East Atlantic): UNKNOWN	NAFO,NEAFC
Atlantic herring (<i>Clupea harengus</i>)	Trawls (not specified), (Pelagic)	Number of Vessels: 14, Licenses: 11, Participants: 8, Aquaculture Facilities: 0	High Seas,EEZ,Faroe Islands,(FAO:27 Atlantic Northeast)	Bowhead whale, Greenland whale (Off West Greenland, IWC 2018) Fin whale (Off East Greenland) Humpback whale (Off East Greenland) Humpback whale (Off West Greenland, IWC 2018) North Atlantic minke whale (Central Atlantic stock, IWC 2018)	Bowhead whale, Greenland whale (Off West Greenland, IWC 2018): 0 Fin whale (Off East Greenland): 0 Humpback whale (Off East Greenland): 0 Humpback whale (Off West Greenland, IWC 2018): 0 North Atlantic minke whale (Central Atlantic stock, IWC 2018): 0	NEAFC
Lumpfish(=Lumpsucker) (<i>Cyclopterus lumpus</i>)	Gillnets and entangling nets (not specified), (Midwater)	Number of Vessels: 749, Licenses: 867, Participants: -, Aquaculture Facilities: 0	EEZ,(FAO:21 Atlantic Northwest),Inshore	Bowhead whale, Greenland whale (Off West Greenland, IWC 2018) Fin whale (West Greenland stock, IWC 2018) Humpback whale (Off West Greenland, IWC 2018) North Atlantic minke whale (Central Atlantic stock, IWC 2018) Ringed seal (Circumpolar Arctic)	Bowhead whale, Greenland whale (Off West Greenland, IWC 2018): 0 Fin whale (West Greenland stock, IWC 2018): 0 Humpback whale (Off West Greenland, IWC 2018): 0 North Atlantic minke whale (Central Atlantic stock, IWC 2018): 0 Ringed seal (Circumpolar Arctic): UNKNOWN	NAFO
Atlantic cod (<i>Gadus morhua</i>)	Longlines (not specified), (Demersal), Pound nets, (Bottom), Set gillnets/set nets (anchored), (Demersal)	Number of Vessels: 3337, Licenses: 2200, Participants: 2150, Aquaculture Facilities: 0	EEZ,Norway,Russian Federation,(FAO:27 Atlantic Northeast, FAO:21 Atlantic Northwest),Inshore	Bowhead whale, Greenland whale (Off West Greenland, IWC 2018) Fin whale (Off East Greenland) Fin whale (West Greenland stock, IWC 2018) Humpback whale (Off East Greenland) Humpback whale (Off West Greenland, IWC 2018) North Atlantic minke whale (Central Atlantic stock, IWC 2018) North Atlantic minke whale (West Greenland stock, IWC 2018)	Bowhead whale, Greenland whale (Off West Greenland, IWC 2018): 0 Fin whale (Off East Greenland): 0 Fin whale (West Greenland stock, IWC 2018): 0 Humpback whale (Off East Greenland): UNKNOWN Humpback whale (Off West Greenland, IWC 2018): UNKNOWN North Atlantic minke whale (Central Atlantic stock, IWC 2018): 0 North Atlantic minke whale (West Greenland stock, IWC 2018): UNKNOWN	NAFO,NEAFC

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Northern prawn (<i>Pandalus borealis</i>)	shrimp/prawn trawl, (Bottom)	Number of Vessels: 29, Licenses: 34, Participants: 32, Aquaculture Facilities: 0	High Seas,EEZ,Norway,(FAO:27 Atlantic Northeast, FAO:21 Atlantic Northwest)	Bowhead whale, Greenland whale (Off West Greenland, IWC 2018) Fin whale (Off East Greenland) Fin whale (West Greenland stock, IWC 2018) Humpback whale (Off East Greenland) Humpback whale (Off West Greenland, IWC 2018) North Atlantic minke whale (Central Atlantic stock, IWC 2018) North Atlantic minke whale (West Greenland stock, IWC 2018)	Bowhead whale, Greenland whale (Off West Greenland, IWC 2018): NOT PROVIDED Fin whale (Off East Greenland): NOT PROVIDED Fin whale (West Greenland stock, IWC 2018): NOT PROVIDED Humpback whale (Off East Greenland): NOT PROVIDED Humpback whale (Off West Greenland, IWC 2018): NOT PROVIDED North Atlantic minke whale (Central Atlantic stock, IWC 2018): NOT PROVIDED North Atlantic minke whale (West Greenland stock, IWC 2018): NOT PROVIDED	ICES,NAFO,NEAFC

Grenada

Exempt Fisheries

Marine crabs nei (<i>Brachyura</i>)	Pots/traps	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	None provided			
Rock lobsters nei (<i>Jasus</i> spp)	Diving (SCUBA and/or free-diving)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	North, NE, South and SE coasts of Grenada			
Groupers nei (<i>Epinephelus</i> spp), Snappers nei (<i>Lutjanus</i> spp)	Handlines and hand-operated pole-and-lines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	north, south, SE and NE coasts of mainland Grenada, and the Grenada Grenadines - Carriacou, and Petite Martinique			
Groupers nei (<i>Epinephelus</i> spp), Snappers nei (<i>Lutjanus</i> spp)	Longlines (not specified), (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	north, south, SE and NE coasts of mainland Grenada, and the Grenada Grenadines - Carriacou, and Petite Martinique			
Groupers nei (<i>Epinephelus</i> spp), Snappers nei (<i>Lutjanus</i> spp)	Pots/traps	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	north, south, SE and NE coasts of mainland Grenada, and the Grenada Grenadines - Carriacou, and Petite Martinique			

Export Fisheries

Various squids nei (<i>Loliginidae</i> , <i>Ommastrephidae</i>)	Other (Please Specify) Nylon Teton, (Midwater)	Number of Vessels: 1, Licenses: 1, Participants: 3, Aquaculture Facilities: 0	EEZ,(FAO:31 Atlantic Western Central),West Coast of Grenada	Atlantic spotted dolphin (UNKNOWN) Common bottlenose dolphin (UNKNOWN) Humpback whale (UNKNOWN) Short-finned pilot whale (UNKNOWN) Spinner dolphin (UNKNOWN)	Atlantic spotted dolphin (UNKNOWN): UNKNOWN Common bottlenose dolphin (UNKNOWN): UNKNOWN Humpback whale (UNKNOWN): UNKNOWN Short-finned pilot whale (UNKNOWN): UNKNOWN Spinner dolphin (UNKNOWN): UNKNOWN	
Albacore (<i>Thunnus alalunga</i>), Bigeye tuna (<i>Thunnus obesus</i>), Dolphinfishes nei (<i>Coryphaenidae</i>), Yellowfin tuna (<i>Thunnus albacares</i>)	Longlines (not specified), (Surface), Trolling lines, (Surface)	Number of Vessels: 70, Licenses: 70, Participants: 280, Aquaculture Facilities: 0	EEZ,(FAO:31 Atlantic Western Central),West coast Grenada	Atlantic spotted dolphin (UNKNOWN) Common bottlenose dolphin (UNKNOWN) Humpback whale (UNKNOWN) Short-finned pilot whale (UNKNOWN) Spinner dolphin (UNKNOWN)	Atlantic spotted dolphin (UNKNOWN): UNKNOWN Common bottlenose dolphin (UNKNOWN): UNKNOWN Humpback whale (UNKNOWN): UNKNOWN Short-finned pilot whale (UNKNOWN): UNKNOWN Spinner dolphin (UNKNOWN): UNKNOWN	CRFM

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Albacore (Thunnus alalunga), Bigeye tuna (Thunnus obesus), Dolphinfishes nei (Coryphaenidae), Yellowfin tuna (Thunnus albacares)	Trolling lines, (Surface)	Number of Vessels: 65, Licenses: 65, Participants: 130, Aquaculture Facilities: 0	EEZ,(FAO:31 Atlantic Western Central),East coast Grenada	Atlantic spotted dolphin (UNKNOWN) Common bottlenose dolphin (UNKNOWN) Spinner dolphin (UNKNOWN)	Atlantic spotted dolphin (UNKNOWN): UNKNOWN Common bottlenose dolphin (UNKNOWN): UNKNOWN Spinner dolphin (UNKNOWN): UNKNOWN	

Guatemala

Export Fisheries						
Groupers nei (Epinephelus spp), Snappers nei (Lutjanus spp), Various sharks nei (Selachimorpha (Pleurotremata))	Longlines (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Atlantic, EEZ			
marine shrimps nei	Trawls (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Atlantic, EEZ			
Marine fishes nei (Osteichthyes)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			
Bigeye tuna (Thunnus obesus), Skipjack tuna (Katsuwonus pelamis), Tunas nei (Thunnini), Yellowfin tuna (Thunnus albacares)	Purse seines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Liberia,Atlantic, EEZ, International Convention for the Conservation of Atlantic Tuna Convention Area, Liberia EEZ			ICCAT
Dolphinfishes nei (Coryphaenidae), Groupers nei (Epinephelus spp), Snappers nei (Lutjanus spp), Tunas nei (Thunnini), Various sharks nei (Selachimorpha (Pleurotremata))	Longlines (not specified), (Surface)	Number of Vessels: 25, Licenses: 25, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:77 Pacific Eastern Central),Pacific, EEZ, Inter-American Tropical Tuna Commission Convention Area	Indo-Pacific common dolphin (UNKNOWN)	Indo-Pacific common dolphin (UNKNOWN): UNKNOWN	IATTC
marine shrimps nei	Trawls (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Pacific, EEZ			

Guinea

Export Fisheries						
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Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
African sicklefish (<i>Drepane africana</i>), Arius spp (<i>Arius</i> spp), Barracudas nei (<i>Sphyraena</i> spp), Bluespotted seabream (<i>Pagrus caeruleostictus</i>), Bobo croaker (<i>Pseudotolithus elongatus</i>), Cameroon croaker (<i>Pseudotolithus moorii</i>), Cassava croaker (<i>Pseudotolithus senegalensis</i>), Common cuttlefish (<i>Sepia officinalis</i>), European barracuda (<i>Sphyraena sphyraena</i>), Guachanche barracuda (<i>Sphyraena guachancho</i>), Guinea croaker (<i>Pseudotolithus epipercus</i>), Guinean sea catfish (<i>Arius parkii</i>), Longneck croaker (<i>Pseudotolithus typus</i>), Red pandora (<i>Pagellus bellottii</i>), Sompat grunt (<i>Pomadasy jubelini</i>), West African croakers nei (<i>Pseudotolithus</i> spp)	Encircling gillnets, (Midwater), Multiple bottom otter trawls, (Pelagic), Otter trawls (not specified), (Demersal)	Number of Vessels: 45, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:34 Atlantic Eastern Central),ZEE GUINEE	Atlantic humpback dolphin (STOCK NOT SPECIFIED) Common dolphin (STOCK NOT SPECIFIED) Dolphin unspecified (UNKNOWN) Pantropical spotted dolphin (STOCK NOT SPECIFIED) Pygmy sperm whale (STOCK NOT SPECIFIED) Short-finned pilot whale (STOCK NOT SPECIFIED) Sperm whale, cachalot (STOCK NOT SPECIFIED)	Atlantic humpback dolphin (STOCK NOT SPECIFIED): UNKNOWN Common dolphin (STOCK NOT SPECIFIED): UNKNOWN Dolphin unspecified (UNKNOWN): UNKNOWN Pantropical spotted dolphin (STOCK NOT SPECIFIED): UNKNOWN Pygmy sperm whale (STOCK NOT SPECIFIED): UNKNOWN Short-finned pilot whale (STOCK NOT SPECIFIED): UNKNOWN Sperm whale, cachalot (STOCK NOT SPECIFIED): UNKNOWN	

Guyana

Exempt Fisheries

marine shrimps nei	Aquaculture (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			
Groupers nei (<i>Epinephelus</i> spp), Various sharks nei (<i>Selachimorpha</i> (<i>Pleurotremata</i>))	Handlines and hand-operated pole-and-lines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Guyana EEZ			
Snappers nei (<i>Lutjanus</i> spp)	Handlines and hand-operated pole-and-lines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Guyana EEZ			
Marine crabs nei (<i>Brachyura</i>)	Hand collection, (Surface)	UNKNOWN	EEZ,(FAO:31 Atlantic Western Central),They are caught on the mud flats at the ocean edge			

Export Fisheries

Butterfishes nei (<i>Stromateus</i> spp)	Trawls (not specified), (Bottom)	Number of Vessels: 87, Licenses: 87, Participants: 7, Aquaculture Facilities: none	EEZ,(FAO:31 Atlantic Western Central),Guyana EEZ	Dolphin unspecified (STOCK NOT SPECIFIED) Sperm whale, cachalot (STOCK NOT SPECIFIED)	Dolphin unspecified (STOCK NOT SPECIFIED): UNKNOWN Sperm whale, cachalot (STOCK NOT SPECIFIED): UNKNOWN	
Atlantic seabob (<i>Xiphopenaeus kroyeri</i>), marine shrimps nei	Bottom trawls (not specified), (Bottom)	Number of Vessels: 87, Licenses: 87, Participants: 6, Aquaculture Facilities: NA	EEZ,(FAO:31 Atlantic Western Central),Guyana EEZ	Dolphin unspecified (STOCK NOT SPECIFIED) Sperm whale, cachalot (STOCK NOT SPECIFIED)	Dolphin unspecified (STOCK NOT SPECIFIED): UNKNOWN Sperm whale, cachalot (STOCK NOT SPECIFIED): UNKNOWN	
Lobsters nei (<i>Reptantia</i>), Marine crabs nei (<i>Brachyura</i>), Snappers nei (<i>Lutjanus</i> spp), marine shrimps nei	Trawls (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	offshore, Guyana EEZ			

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Bigeye tuna (<i>Thunnus obesus</i>), Dolphinfinishes nei (<i>Coryphaenidae</i>), Mackerels nei (<i>Scombridae</i>), Swordfish (<i>Xiphias gladius</i>), Yellowfin tuna (<i>Thunnus albacares</i>)	Longlines (not specified), (Pelagic)	Number of Vessels: 6, Licenses: 6, Participants: 1, Aquaculture Facilities: none	EEZ,(FAO:31 Atlantic Western Central),Guyana EEZ	Dolphin unspecified (STOCK NOT SPECIFIED) Sperm whale, cachalot (STOCK NOT SPECIFIED)	Dolphin unspecified (STOCK NOT SPECIFIED): UNKNOWN Sperm whale, cachalot (STOCK NOT SPECIFIED): UNKNOWN	
Butterfishes nei (<i>Stromateus</i> spp), Common snook (<i>Centropomus undecimalis</i>), Croakers nei (<i>Micropogonias</i> spp), Drums nei (<i>Umbrina</i> spp), Groupers nei (<i>Epinephelus</i> spp), Mackerels nei (<i>Scombridae</i>), Marine crabs nei (<i>Brachyura</i>), Porgies/seabreams nei (<i>Sparidae</i>), Sea catfishes nei (<i>Ariidae</i>), Snappers nei (<i>Lutjanus</i> spp), marine shrimps nei	Gillnets and entangling nets (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Guyana EEZ	Sperm whale, cachalot (STOCK NOT SPECIFIED)	Sperm whale, cachalot (STOCK NOT SPECIFIED): UNKNOWN	WECAFC
Groupers nei (<i>Epinephelus</i> spp), Snappers nei (<i>Lutjanus</i> spp)	Pots/traps, (Bottom)	Number of Vessels: 34, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:31 Atlantic Western Central),Guyana EEZ	Dolphin unspecified (STOCK NOT SPECIFIED)	Dolphin unspecified (STOCK NOT SPECIFIED): UNKNOWN	
Butterfishes nei (<i>Stromateus</i> spp), Common snook (<i>Centropomus undecimalis</i>), Croakers nei (<i>Micropogonias</i> spp), Drums nei (<i>Umbrina</i> spp), Groupers nei (<i>Epinephelus</i> spp), Marine crabs nei (<i>Brachyura</i>), Porgies/seabreams nei (<i>Sparidae</i>), Sea catfishes nei (<i>Ariidae</i>), Snappers nei (<i>Lutjanus</i> spp), marine shrimps nei	Fyke nets	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Guyana EEZ			WECAFC
Butterfishes nei (<i>Stromateus</i> spp), Common snook (<i>Centropomus undecimalis</i>), Croakers nei (<i>Micropogonias</i> spp), Drums nei (<i>Umbrina</i> spp), Groupers nei (<i>Epinephelus</i> spp), Marine crabs nei (<i>Brachyura</i>), Porgies/seabreams nei (<i>Sparidae</i>), Sea catfishes nei (<i>Ariidae</i>), Snappers nei (<i>Lutjanus</i> spp), marine shrimps nei	Set longlines, (Midwater)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Guyana EEZ			WECAFC
Butterfishes nei (<i>Stromateus</i> spp), Common snook (<i>Centropomus undecimalis</i>), Croakers nei (<i>Micropogonias</i> spp), Mulletts nei (<i>Mugilidae</i>), Sea catfishes nei (<i>Ariidae</i>)	Pin seines, (Surface)	UNKNOWN	EEZ,(FAO:31 Atlantic Western Central),Guyana EEZ			

Haiti

Exempt Fisheries						
Hard corals/madrepores nei (<i>Scleractinia</i>)	Hand collection	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	None provided			
Export Fisheries						
Conch nei (<i>Strombidae</i>)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	None provided			

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
marine shrimps nei	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	None provided			
Sea cucumbers nei (Holothuroidea)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	None provided			
Marine crabs nei (Brachyura)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	None provided			
Lobsters nei (Reptantia)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	None provided			
Marine molluscs nei (Mollusca)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	None provided			

Honduras

Exempt Fisheries

Conch nei (Strombidae), Lobsters nei (Reptantia), Marine crabs nei (Brachyura), Spiny lobsters nei (Palinuridae)	lobster traps, (Benthic)	Number of Vessels: 91, Licenses: 91, Participants: 91, Aquaculture Facilities: 0	EEZ,Colombia,(FAO:31 Atlantic Western Central),The Caribbean Sea (FAO Area 31)
Sea cucumbers nei (Holothuroidea)	Diving (SCUBA and/or free-diving), (Bottom)	Number of Vessels: 39, Licenses: 39, Participants: 39, Aquaculture Facilities: 0	EEZ,(FAO:31 Atlantic Western Central),The Caribbean Sea (FAO Area 31)
Conch nei (Strombidae), Marine molluscs nei (Mollusca)	Diving (SCUBA and/or free-diving), (Benthic)	Number of Vessels: 13, Licenses: 13, Participants: 13, Aquaculture Facilities: 0	EEZ,(FAO:31 Atlantic Western Central),The Caribbean Sea (FAO Area 31)
Lobsters nei (Reptantia), Marine crabs nei (Brachyura)	Diving (SCUBA and/or free-diving), (Midwater)	UNKNOWN	EEZ,(FAO:31 Atlantic Western Central, FAO:77 Pacific Eastern Central),The Caribbean Sea (FAO Area 31)

Export Fisheries

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Northern prawn (<i>Pandalus borealis</i>), Southern white shrimp (<i>Penaeus schmitti</i>), marine shrimps nei	single and/or double rig trawl, (Bottom)	Number of Vessels: 51, Licenses: 51, Participants: 51, Aquaculture Facilities: 0	EEZ,(FAO:31 Atlantic Western Central),The Caribbean Sea (FAO Area 31)			
Albacore (<i>Thunnus alalunga</i>), Bigeye tuna (<i>Thunnus obesus</i>), Dolphinfishes nei (<i>Coryphaenidae</i>), Skipjack tuna (<i>Katsuwonus pelamis</i>), Swordfish (<i>Xiphias gladius</i>), Tunas nei (<i>Thunnini</i>), Yellowfin tuna (<i>Thunnus albacares</i>)	Other (Please Specify) Riles, (Pelagic)	UNKNOWN	High Seas,(FAO:31 Atlantic Western Central),The Caribbean Sea (FAO Area 31), International Convention for the Conservation of Atlantic Tuna Convention Area			
Groupers nei (<i>Epinephelus</i> spp), Snappers nei (<i>Lutjanus</i> spp)	Other (Please Specify) Riles y Palangre, (Midwater)	Number of Vessels: none provided, Licenses: 14, Participants: none provided, Aquaculture Facilities: 0	EEZ,(FAO:31 Atlantic Western Central, FAO:77 Pacific Eastern Central),none provided			

Hong Kong

Export Fisheries

Herrings/sardines nei (<i>Clupeidae</i>)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			
Abalones nei (<i>Haliotis</i> spp)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			
Anchovies nei (<i>Engraulis</i> spp)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			
Aquatic invertebrates nei (<i>Invertebrata</i>)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			
Bonitos nei (<i>Sarda</i> spp), Saithe(=Pollock) (<i>Pollachius virens</i>), Yellowtail amberjack (<i>Seriola lalandi</i>)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Common carp (Cyprinus carpio), Conger eels/etc. nei (Congridae), Snakehead (Channa argus)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			
Catfishes nei (Ictalurus spp)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			
Clams/etc. nei (Bivalvia)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			
Ark clams nei (Arca spp), Cockles nei (Cardiidae)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			
Northern cods nei (Gadus spp)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			
Precious corals nei (Corallium spp)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			
Marine crabs nei (Brachyura)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			
Marine crustaceans nei (Crustacea)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Cuttlefishes nei (Sepia spp)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			
Conger eels/etc. nei (Congridae)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			
Flatfishes nei (Pleuronectiformes)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			
Groupers nei (Epinephelus spp)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			
Haddock (Melanogrammus aeglefinus)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			
Tunas nei (Thunnini)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			
Jellyfishes nei (Rhopilema spp)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			
Homarus lobsters nei (Homarus spp)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Mackerels nei (Scombridae)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			
Marine fishes nei (Osteichthyes)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			
Marine molluscs nei (Mollusca)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			
Monkfishes nei (Lophius spp)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			
Sea mussels nei (Mytilidae)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			
Octopuses nei (Octopus spp)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			
Flat and cupped oysters nei (Ostreidae)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			
Groupers/seabasses nei (Serranidae)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Saithe(=Pollock) (<i>Pollachius virens</i>)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			
Atlantic salmon (<i>Salmo salar</i>)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			
European sprat (<i>Sprattus sprattus</i>), Herrings/sardines nei (<i>Clupeidae</i>), Sardinellas nei (<i>Sardinella</i> spp)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			
Scallops nei (<i>Pectinidae</i>)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			
Seabasses nei (<i>Dicentrarchus</i> spp)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			
Sea cucumbers nei (<i>Holothuroidea</i>)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			
Sea urchins nei (<i>Strongylocentrotus</i> spp)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			
Seaweeds nei (<i>Algae</i>)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Various sharks nei (Selachimorpha (Pleurotremata))	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			
marine shrimps nei	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			
Smelts nei (Osmerus spp, Hypomesus spp)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			
Various squids nei (Loliginidae, Ommastrephidae)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			
Stromboid conchs nei (Strombus spp)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			
Trouts nei (Salmo spp)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			
Albacore (Thunnus alalunga)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			

Iceland

Exempt Fisheries

Atlantic mackerel (Scomber scombrus), multispecies fishery unspecified (Osteichthyes)	Mechanized lines and pole-and-lines, (Pelagic)	UNKNOWN	EEZ,(FAO:27 Atlantic Northeast),Icelandic EEZ - coastal small vessels
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Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
North European kelp (<i>Laminaria hyperborea</i>), Seaweeds nei (Algae), Tangle (<i>Laminaria digitata</i>)	Other (Please Specify) by claw cutting over the seafloor, (Bottom)	UNKNOWN	EEZ,(FAO:27 Atlantic Northeast),Breidafjordur, West Iceland			
Blue mussel (<i>Mytilus edulis</i>), Finfishes nei (<i>Osteichthyes</i>), Iceland scallop (<i>Chlamys islandica</i>), Marine crustaceans nei (Crustacea), Marine molluscs nei (Mollusca), Ocean quahog (<i>Arctica islandica</i>), Sea cucumbers nei (Holothuroidea), Whelk (<i>Buccinum undatum</i>), multispecies fishery unspecified (<i>Osteichthyes</i>)	Dredges (not specified), (Bottom)	UNKNOWN	EEZ,(FAO:27 Atlantic Northeast), 27.5.a.2,Icelandic EEZ			
Atlantic cod (<i>Gadus morhua</i>), Demersal fishes nei (<i>Osteichthyes</i>), multispecies fishery unspecified (<i>Osteichthyes</i>)	Mechanized lines and pole-and-lines, (Demersal)	UNKNOWN	EEZ,(FAO:27 Atlantic Northeast),Icelandic EEZ - coastal small vessels			
Export Fisheries						
multispecies fishery unspecified (<i>Osteichthyes</i>)	Bottom trawls (not specified), (Bottom)	UNKNOWN	EEZ,(FAO:27 Atlantic Northeast),Icelandic EEZ	Gray seal (Icelandic) Harbor seal, common seal (Icelandic)	Gray seal (Icelandic): 22 Harbor seal, common seal (Icelandic): 28	
Finfishes nei (<i>Osteichthyes</i>), Northern prawn (<i>Pandalus borealis</i>)	shrimp/prawn trawl, (Bottom)	UNKNOWN	High Seas,(FAO:27 Atlantic Northeast)			NEAFC
Finfishes nei (<i>Osteichthyes</i>), Flatfishes nei (<i>Pleuronectiformes</i>)	Danish seines, (Bottom)	UNKNOWN	EEZ,(FAO:27 Atlantic Northeast),27.7.a,Near coast			
Atlantic mackerel (<i>Scomber scombrus</i>)	Midwater trawls (not specified), (Pelagic)	UNKNOWN	EEZ,(FAO:27 Atlantic Northeast),Icelandic EEZ			
Finfishes nei (<i>Osteichthyes</i>), Northern prawn (<i>Pandalus borealis</i>)	shrimp/prawn trawl, (Bottom)	UNKNOWN	EEZ,(FAO:27 Atlantic Northeast),Icelandic EEZ			
Atlantic bluefin tuna (<i>Thunnus thynnus</i>)	Longlines (not specified), (Pelagic)	Number of Vessels: 1, Licenses: 1, Participants: 1, Aquaculture Facilities: 0	High Seas,EEZ,(FAO:27 Atlantic Northeast),Iceland EEZ/International Convention for the Conservation of Atlantic Tuna Convention Area			ICCAT
Northern prawn (<i>Pandalus borealis</i>), multispecies fishery unspecified (<i>Osteichthyes</i>)	shrimp/prawn trawl, (Bottom)	UNKNOWN	High Seas,(FAO:21 Atlantic Northwest),3M and 3LNO			NAFO
Greenland halibut (<i>Reinhardtius hippoglossoides</i>)	Gillnets and entangling nets (not specified), (Bottom)	Number of Vessels: N.a., Licenses: N.a., Participants: N.a., Aquaculture Facilities: N.a.	EEZ,(FAO:27 Atlantic Northeast),Icelandic EEZ	Northern bottlenose whale (Central North Atlantic) Risso's dolphin, grampus (UNKNOWN)	Northern bottlenose whale (Central North Atlantic): UNKNOWN Risso's dolphin, grampus (UNKNOWN): UNKNOWN	
Blue mussel (<i>Mytilus edulis</i>)	Aquaculture (lines), (Demersal)	UNKNOWN	EEZ,(FAO:27 Atlantic Northeast),Iceland EEZ	Humpback whale (Central North Atlantic (Iceland and Faroe islands))	Humpback whale (Central North Atlantic (Iceland and Faroe islands)): 0	
Salmonids nei (<i>Salmonidae</i>)	Aquaculture (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: 7	EEZ,Iceland, coastal			

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
multispecies fishery unspecified (Osteichthyes)	Longlines (not specified), (Bottom)	UNKNOWN	EEZ,(FAO:27 Atlantic Northeast),Icelandic EEZ			
Greater argentine (Argentina silus), multispecies fishery unspecified (Osteichthyes)	Trawls (not specified), (Bottom)	UNKNOWN	High Seas,(FAO:27 Atlantic Northeast),NEAFC regulatory area			NEAFC
Northern prawn (Pandalus borealis), multispecies fishery unspecified (Osteichthyes)	shrimp/prawn trawl, (Bottom)	UNKNOWN	EEZ,Norway,(FAO:27 Atlantic Northeast),Svalbard			
Beaked redfish (Sebastes mentella)	Trawls (not specified), (Bottom)	UNKNOWN	High Seas,(FAO:27 Atlantic Northeast),Irminger SEA	Gray seal (Icelandic) Harbor seal, common seal (Icelandic)	Gray seal (Icelandic): UNKNOWN Harbor seal, common seal (Icelandic): UNKNOWN	
Atlantic cod (Gadus morhua), Demersal fishes nei (Osteichthyes), multispecies fishery unspecified (Osteichthyes)	Trawls (not specified), (Bottom)	UNKNOWN	EEZ,Norway,(FAO:27 Atlantic Northeast),Norwegian jurisdiction			
Atlantic cod (Gadus morhua), Demersal fishes nei (Osteichthyes), multispecies fishery unspecified (Osteichthyes)	Trawls (not specified), (Bottom)	UNKNOWN	EEZ,Russia,(FAO:27 Atlantic Northeast),Russian jurisdiction			
Atlantic herring (Clupea harengus), Atlantic mackerel (Scomber scombrus), Blue whiting(=Poutassou) (Micromesistius poutassou), multispecies fishery unspecified (Osteichthyes)	Purse seines, (Pelagic)	UNKNOWN	High Seas,Faroe Islands,(FAO:27 Atlantic Northeast),NEAFC Regulatory area			NEAFC
Capelin (Mallotus villosus)	Midwater trawls (not specified), (Pelagic)	UNKNOWN	EEZ,(FAO:27 Atlantic Northeast),Icelandic EEZ			
Capelin (Mallotus villosus), Demersal fishes nei (Osteichthyes)	Purse seines, (Pelagic)	UNKNOWN	EEZ,(FAO:27 Atlantic Northeast),Icelandic EEZ	Humpback whale (Central North Atlantic (Iceland and Faroe islands))	Humpback whale (Central North Atlantic (Iceland and Faroe islands)): UNKNOWN	
Atlantic cod (Gadus morhua), Atlantic lyre crab (Hyas araneus), Atlantic rock crab (Cancer irroratus), Grey gurnard (Eutrigla gurnardus), Marine crustaceans nei (Crustacea), Marine fishes nei (Osteichthyes)	Pots/traps, (Bottom)	UNKNOWN	EEZ,(FAO:27 Atlantic Northeast),Icelandic EEZ			
Atlantic cod (Gadus morhua), multispecies fishery unspecified (Osteichthyes)	Gillnets and entangling nets (not specified), (Demersal)	UNKNOWN	EEZ,(FAO:27 Atlantic Northeast),Icelandic EEZ	Gray seal (Icelandic) Harbor porpoise (Icelandic coastal waters) Harbor seal, common seal (Icelandic) Harp seal (Greenland sea stock) Hooded seal (Greenland sea stock) Humpback whale (Central North Atlantic (Iceland and Faroe islands)) Ringed seal (East Greenland and Greenland sea east to Svalbard) White-beaked dolphin (Icelandic)	Gray seal (Icelandic): UNKNOWN Harbor porpoise (Icelandic coastal waters): 1841 Harbor seal, common seal (Icelandic): 15 Harp seal (Greenland sea stock): 153 Hooded seal (Greenland sea stock): UNKNOWN Humpback whale (Central North Atlantic (Iceland and Faroe islands)): UNKNOWN Ringed seal (East Greenland and Greenland sea east to Svalbard): 9 White-beaked dolphin (Icelandic): UNKNOWN	
Atlantic herring (Clupea harengus), multispecies fishery unspecified (Osteichthyes)	Purse seines, (Pelagic)	UNKNOWN	EEZ,(FAO:27 Atlantic Northeast),Icelandic EEZ	Killer whale, orca (Icelandic)	Killer whale, orca (Icelandic): UNKNOWN	

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Lumpfish (roe/caviar), Lumpfish(=Lumpsucker) (Cyclopterus lumpus), multispecies fishery unspecified (Osteichthyes)	Gillnets and entangling nets (not specified), (Demersal)	UNKNOWN	EEZ,(FAO:27 Atlantic Northeast),Icelandic EEZ	Bearded seal (Atlantic) Gray seal (Icelandic) Harbor porpoise (Icelandic coastal waters) Harbor seal, common seal (Icelandic) Harp seal (Greenland sea stock) Ringed seal (East Greenland and Greenland sea east to Svalbard) White-beaked dolphin (Icelandic)	Bearded seal (Atlantic): 28 Gray seal (Icelandic): 989 Harbor porpoise (Icelandic coastal waters): 528 Harbor seal, common seal (Icelandic): 1389 Harp seal (Greenland sea stock): 240 Ringed seal (East Greenland and Greenland sea east to Svalbard): 49 White-beaked dolphin (Icelandic): UNKNOWN	
Atlantic herring (Clupea harengus), Atlantic mackerel (Scomber scombrus), Blue whiting(=Poutassou) (Micromesistius poutassou), multispecies fishery unspecified (Osteichthyes)	Purse seines, (Pelagic)	UNKNOWN	EEZ,Faroe Islands,(FAO:27 Atlantic Northeast),EEZ			
Atlantic herring (Clupea harengus), Atlantic mackerel (Scomber scombrus), Blue whiting(=Poutassou) (Micromesistius poutassou), multispecies fishery unspecified (Osteichthyes)	Midwater trawls (not specified), (Pelagic)	UNKNOWN	High Seas,(FAO:27 Atlantic Northeast),NEAFC regulatory area			NEAFC
Atlantic herring (Clupea harengus), Atlantic mackerel (Scomber scombrus), Blue whiting(=Poutassou) (Micromesistius poutassou), Greater argentine (Argentina silus), Various squids nei (Loliginidae, Ommastrephidae)	Midwater trawls (not specified), (Pelagic)	UNKNOWN	EEZ,Faroe Islands,(FAO:27 Atlantic Northeast),Faroe islands			
Angler(=Monk) (Lophius piscatorius), Monkfishes nei (Lophius spp), multispecies fishery unspecified (Osteichthyes)	Gillnets and entangling nets (not specified), (Demersal)	UNKNOWN	EEZ,(FAO:27 Atlantic Northeast),Icelandic EEZ	Harbor porpoise (Icelandic coastal waters) Harbor seal, common seal (Icelandic)	Harbor porpoise (Icelandic coastal waters): UNKNOWN Harbor seal, common seal (Icelandic): UNKNOWN	
Norway lobster (Nephrops norvegicus), multispecies fishery unspecified (Osteichthyes)	Nephrops trawl, (Bottom)	UNKNOWN	EEZ,(FAO:27 Atlantic Northeast),Icelandic EEZ			

India

Exempt Fisheries						
Carangids nei (Carangidae), Groupers nei (Epinephelus spp), Herrings/sardines nei (Clupeidae), Mackerels nei (Scombridae), Marine fishes nei (Osteichthyes), Mulletts nei (Mugilidae), Pompanos nei (Trachinotus spp), Rays and skates nei (Rajidae), Seerfishes nei (Scomberomorus spp), Silver pomfret (Pampus argenteus), Snappers nei (Lutjanus spp), Tunas nei (Thunnini), multispecies fishery unspecified (Osteichthyes)	Handlines and hand-operated pole-and-lines, (Pelagic)	Number of Vessels: 1160, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:57 Indian Ocean Eastern, FAO:51 Indian Ocean Western)	Finless porpoise unspecified (UNKNOWN) Indo-Pacific bottlenose dolphin (UNKNOWN) Indo-Pacific humpback dolphin (UNKNOWN)	Finless porpoise unspecified (UNKNOWN): NOT PROVIDED Indo-Pacific bottlenose dolphin (UNKNOWN): NOT PROVIDED Indo-Pacific humpback dolphin (UNKNOWN): NOT PROVIDED	
Clams/etc. nei (Bivalvia), Flat and cupped oysters nei (Ostreidae), Sea mussels nei (Mytilidae)	Hand dredges, (Benthic)	UNKNOWN	EEZ,(FAO:57 Indian Ocean Eastern, FAO:51 Indian Ocean Western)			
Export Fisheries						
Aquatic invertebrates nei (Invertebrata)	Driftnets, (Pelagic)	Number of Vessels: 88, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:57 Indian Ocean Eastern, FAO:51 Indian Ocean Western)	Common dolphin, saddleback dolphin (UNKNOWN) Finless porpoise unspecified (UNKNOWN) Indo-Pacific bottlenose dolphin (UNKNOWN) Indo-Pacific humpback dolphin (UNKNOWN) Spinner dolphin (UNKNOWN)	Common dolphin, saddleback dolphin (UNKNOWN): UNKNOWN Finless porpoise unspecified (UNKNOWN): UNKNOWN Indo-Pacific bottlenose dolphin (UNKNOWN): UNKNOWN Indo-Pacific humpback dolphin (UNKNOWN): UNKNOWN Spinner dolphin (UNKNOWN): UNKNOWN	
Octopuses nei (Octopus spp)	Trawls (not specified), (Bottom)	Number of Vessels: 30486, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:57 Indian Ocean Eastern, FAO:51 Indian Ocean Western)			

		Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Target Species or Product Carangids nei (Carangidae), Herrings/sardines nei (Clupeidae), Mackerels nei (Scombridae), Marine fishes nei (Osteichthyes), Mullets nei (Mugilidae), Pompanos nei (Trachinotus spp), Rays and skates nei (Rajidae), Seerfishes nei (Scomberomorus spp), Silver pomfret (Pampus argenteus), Tunas nei (Thunnini)	Gear Type Gillnets and entangling nets (not specified), (Midwater)	Number of Vessels: 6500, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:57 Indian Ocean Eastern, FAO:51 Indian Ocean Western),	Common dolphin, saddleback dolphin (UNKNOWN) Finless porpoise unspecified (UNKNOWN) Indo-Pacific bottlenose dolphin (UNKNOWN) Indo-Pacific humpback dolphin (UNKNOWN) Irrawaddy dolphin, pesut (155) Pantropical spotted dolphin (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Spinner dolphin (UNKNOWN)	Common dolphin, saddleback dolphin (UNKNOWN): UNKNOWN Finless porpoise unspecified (UNKNOWN): UNKNOWN Indo-Pacific bottlenose dolphin (UNKNOWN): UNKNOWN Indo-Pacific humpback dolphin (UNKNOWN): UNKNOWN Irrawaddy dolphin, pesut (155): UNKNOWN Pantropical spotted dolphin (UNKNOWN): UNKNOWN Risso's dolphin, grampus (UNKNOWN): UNKNOWN Spinner dolphin (UNKNOWN): UNKNOWN	
Barracudas nei (Sphyræna spp), Carangids nei (Carangidae), Dolphinfishes nei (Coryphaenidae), Seerfishes nei (Scomberomorus spp), Tunas nei (Thunnini)	Longlines (not specified), (Pelagic)	Number of Vessels: 342, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:57 Indian Ocean Eastern, FAO:51 Indian Ocean Western)	Common dolphin, saddleback dolphin (UNKNOWN) Indo-Pacific bottlenose dolphin (UNKNOWN) Pantropical spotted dolphin (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Spinner dolphin (UNKNOWN)	Common dolphin, saddleback dolphin (UNKNOWN): UNKNOWN Indo-Pacific bottlenose dolphin (UNKNOWN): UNKNOWN Pantropical spotted dolphin (UNKNOWN): UNKNOWN Risso's dolphin, grampus (UNKNOWN): UNKNOWN Spinner dolphin (UNKNOWN): UNKNOWN	
Various sharks nei (Selachimorpha (Pleurotremata)), Yellowfin tuna (Thunnus albacares)	Gillnets and entangling nets (not specified), (Pelagic)	Number of Vessels: 6500, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:57 Indian Ocean Eastern, FAO:51 Indian Ocean Western)	Common dolphin, saddleback dolphin (UNKNOWN) Finless porpoise unspecified (UNKNOWN) Indo-Pacific bottlenose dolphin (UNKNOWN) Indo-Pacific humpback dolphin (UNKNOWN) Pantropical spotted dolphin (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Rough-toothed dolphin (UNKNOWN) Spinner dolphin (UNKNOWN)	Common dolphin, saddleback dolphin (UNKNOWN): UNKNOWN Finless porpoise unspecified (UNKNOWN): UNKNOWN Indo-Pacific bottlenose dolphin (UNKNOWN): UNKNOWN Indo-Pacific humpback dolphin (UNKNOWN): UNKNOWN Pantropical spotted dolphin (UNKNOWN): UNKNOWN Risso's dolphin, grampus (UNKNOWN): UNKNOWN Rough-toothed dolphin (UNKNOWN): UNKNOWN Spinner dolphin (UNKNOWN): UNKNOWN	
Groupers nei (Epinephelus spp), Snappers nei (Lutjanus spp)	Gillnets and entangling nets (not specified), (Midwater)	Number of Vessels: 6500, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:57 Indian Ocean Eastern, FAO:51 Indian Ocean Western),	Indo-Pacific humpback dolphin (UNKNOWN)	Indo-Pacific humpback dolphin (UNKNOWN): UNKNOWN	
Cuttlefishes nei (Sepia spp), Soles nei (Soleidae), Swimming crabs/etc. nei (Portunidae), Various squids nei (Loliginidae, Ommastrephidae)	Trawls (not specified), (Bottom)	Number of Vessels: 30486, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:57 Indian Ocean Eastern, FAO:51 Indian Ocean Western)			
Rays and skates nei (Rajidae), Sea catfishes nei (Ariidae)	Gillnets and entangling nets (not specified), (Demersal)	Number of Vessels: 6500, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:57 Indian Ocean Eastern, FAO:51 Indian Ocean Western)	Common dolphin, saddleback dolphin (UNKNOWN) Finless porpoise unspecified (UNKNOWN) Indo-Pacific bottlenose dolphin (UNKNOWN) Indo-Pacific humpback dolphin (UNKNOWN) Pantropical spotted dolphin (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Spinner dolphin (UNKNOWN)	Common dolphin, saddleback dolphin (UNKNOWN): UNKNOWN Finless porpoise unspecified (UNKNOWN): UNKNOWN Indo-Pacific bottlenose dolphin (UNKNOWN): UNKNOWN Indo-Pacific humpback dolphin (UNKNOWN): UNKNOWN Pantropical spotted dolphin (UNKNOWN): UNKNOWN Risso's dolphin, grampus (UNKNOWN): UNKNOWN Spinner dolphin (UNKNOWN): UNKNOWN	
Butterfishes nei (Stromateus spp)	Gillnets and entangling nets (not specified), (Midwater), Other (Please Specify) Stationary bag net, (Midwater)	Number of Vessels: 6500, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:57 Indian Ocean Eastern, FAO:51 Indian Ocean Western)	Finless porpoise unspecified (UNKNOWN) Indo-Pacific bottlenose dolphin (UNKNOWN) Indo-Pacific humpback dolphin (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Spinner dolphin (UNKNOWN)	Finless porpoise unspecified (UNKNOWN): UNKNOWN Indo-Pacific bottlenose dolphin (UNKNOWN): UNKNOWN Indo-Pacific humpback dolphin (UNKNOWN): UNKNOWN Risso's dolphin, grampus (UNKNOWN): UNKNOWN Spinner dolphin (UNKNOWN): UNKNOWN	
Anchovies nei (Engraulis spp), Herrings/sardines nei (Clupeidae), Jack and horse mackerels nei (Trachurus spp), Mackerels nei (Scombridae), Tunas nei (Thunnini)	Purse seines, (Pelagic)	Number of Vessels: 734, Licenses: -, Participants: -, Aquaculture Facilities: -	EEZ,(FAO:57 Indian Ocean Eastern, FAO:51 Indian Ocean Western)	Finless porpoise unspecified (UNKNOWN) Indo-Pacific bottlenose dolphin (UNKNOWN) Indo-Pacific humpback dolphin (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Spinner dolphin (UNKNOWN)	Finless porpoise unspecified (UNKNOWN): UNKNOWN Indo-Pacific bottlenose dolphin (UNKNOWN): UNKNOWN Indo-Pacific humpback dolphin (UNKNOWN): UNKNOWN Risso's dolphin, grampus (UNKNOWN): UNKNOWN Spinner dolphin (UNKNOWN): UNKNOWN	
Marine crabs nei (Brachyura)	Pots/traps, (Demersal)	UNKNOWN	EEZ,(FAO:57 Indian Ocean Eastern, FAO:51 Indian Ocean Western)			

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Mud spiny lobster (<i>Panulirus polyphagus</i>), Ornate spiny lobster (<i>Panulirus ornatus</i>), Painted spiny lobster (<i>Panulirus versicolor</i>), Scalloped spiny lobster (<i>Panulirus homarus</i>)	lobster traps, (Bottom)	UNKNOWN	EEZ,(FAO:57 Indian Ocean Eastern, FAO:51 Indian Ocean Western)			
Indonesia						
Exempt Fisheries						
Marine crustaceans nei (Crustacea)	Hand collection, (Midwater)	Number of Vessels: 0, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:57 Indian Ocean Eastern, FAO:71 Pacific Western Central)	Baleen whale unspecified (UNKNOWN) Dwarf spinner dolphin (UNKNOWN) False killer whale (UNKNOWN) Indo-Pacific bottlenose dolphin (UNKNOWN) Irrawaddy dolphin, pesut (UNKNOWN) Killer whale, orca (UNKNOWN) Long-beaked Common Dolphin (UNKNOWN) Pygmy killer whale (UNKNOWN) Rough-toothed dolphin (UNKNOWN) Sperm whale, cachalot (UNKNOWN) pilot whale unspecified (UNKNOWN)	Baleen whale unspecified (UNKNOWN): NOT PROVIDED Dwarf spinner dolphin (UNKNOWN): NOT PROVIDED False killer whale (UNKNOWN): NOT PROVIDED Indo-Pacific bottlenose dolphin (UNKNOWN): NOT PROVIDED Irrawaddy dolphin, pesut (UNKNOWN): NOT PROVIDED Killer whale, orca (UNKNOWN): NOT PROVIDED Long-beaked Common Dolphin (UNKNOWN): NOT PROVIDED Pygmy killer whale (UNKNOWN): NOT PROVIDED Rough-toothed dolphin (UNKNOWN): NOT PROVIDED Sperm whale, cachalot (UNKNOWN): NOT PROVIDED pilot whale unspecified (UNKNOWN): NOT PROVIDED	
Cuttlefishes nei (<i>Sepia</i> spp), Hard corals/madrepores nei (<i>Scleractinia</i>), Marine shells nei (Ex Mollusca)	Hand collection, (Surface)	Number of Vessels: 0, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:57 Indian Ocean Eastern, FAO:71 Pacific Western Central)	Baleen whale unspecified (UNKNOWN) Dwarf spinner dolphin (UNKNOWN) False killer whale (UNKNOWN) Indo-Pacific bottlenose dolphin (UNKNOWN) Irrawaddy dolphin, pesut (UNKNOWN) Killer whale, orca (UNKNOWN) Long-beaked Common Dolphin (UNKNOWN) Pygmy killer whale (UNKNOWN) Rough-toothed dolphin (UNKNOWN) Sperm whale, cachalot (UNKNOWN) pilot whale unspecified (UNKNOWN)	Baleen whale unspecified (UNKNOWN): NOT PROVIDED Dwarf spinner dolphin (UNKNOWN): NOT PROVIDED False killer whale (UNKNOWN): NOT PROVIDED Indo-Pacific bottlenose dolphin (UNKNOWN): NOT PROVIDED Irrawaddy dolphin, pesut (UNKNOWN): NOT PROVIDED Killer whale, orca (UNKNOWN): NOT PROVIDED Long-beaked Common Dolphin (UNKNOWN): NOT PROVIDED Pygmy killer whale (UNKNOWN): NOT PROVIDED Rough-toothed dolphin (UNKNOWN): NOT PROVIDED Sperm whale, cachalot (UNKNOWN): NOT PROVIDED pilot whale unspecified (UNKNOWN): NOT PROVIDED	
Lobsters nei (Reptantia), Rock lobsters nei (<i>Jasus</i> spp)	Hand collection, (Midwater)	Number of Vessels: 0, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:57 Indian Ocean Eastern, FAO:71 Pacific Western Central)	Baleen whale unspecified (UNKNOWN) Dwarf spinner dolphin (UNKNOWN) False killer whale (UNKNOWN) Indo-Pacific bottlenose dolphin (UNKNOWN) Irrawaddy dolphin, pesut (UNKNOWN) Killer whale, orca (UNKNOWN) Long-beaked Common Dolphin (UNKNOWN) Pygmy killer whale (UNKNOWN) Rough-toothed dolphin (UNKNOWN) Sperm whale, cachalot (UNKNOWN) pilot whale unspecified (UNKNOWN)	Baleen whale unspecified (UNKNOWN): NOT PROVIDED Dwarf spinner dolphin (UNKNOWN): NOT PROVIDED False killer whale (UNKNOWN): NOT PROVIDED Indo-Pacific bottlenose dolphin (UNKNOWN): NOT PROVIDED Irrawaddy dolphin, pesut (UNKNOWN): NOT PROVIDED Killer whale, orca (UNKNOWN): NOT PROVIDED Long-beaked Common Dolphin (UNKNOWN): NOT PROVIDED Pygmy killer whale (UNKNOWN): NOT PROVIDED Rough-toothed dolphin (UNKNOWN): NOT PROVIDED Sperm whale, cachalot (UNKNOWN): NOT PROVIDED pilot whale unspecified (UNKNOWN): NOT PROVIDED	
Albacore (<i>Thunnus alalunga</i>), Bigeye tuna (<i>Thunnus obesus</i>), Swordfish (<i>Xiphias gladius</i>), Yellowfin tuna (<i>Thunnus albacares</i>)	Handlines and hand-operated pole-and-lines, (Pelagic)	Number of Vessels: none provided, Licenses: 17, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:57 Indian Ocean Eastern, FAO:71 Pacific Western Central)	Baleen whale unspecified (UNKNOWN) Dwarf spinner dolphin (UNKNOWN) False killer whale (UNKNOWN) Indo-Pacific bottlenose dolphin (UNKNOWN) Irrawaddy dolphin, pesut (UNKNOWN) Killer whale, orca (UNKNOWN) Long-beaked Common Dolphin (UNKNOWN) Pygmy killer whale (UNKNOWN) Rough-toothed dolphin (UNKNOWN) Sperm whale, cachalot (UNKNOWN) pilot whale unspecified (UNKNOWN)	Baleen whale unspecified (UNKNOWN): NOT PROVIDED Dwarf spinner dolphin (UNKNOWN): NOT PROVIDED False killer whale (UNKNOWN): NOT PROVIDED Indo-Pacific bottlenose dolphin (UNKNOWN): NOT PROVIDED Irrawaddy dolphin, pesut (UNKNOWN): NOT PROVIDED Killer whale, orca (UNKNOWN): NOT PROVIDED Long-beaked Common Dolphin (UNKNOWN): NOT PROVIDED Pygmy killer whale (UNKNOWN): NOT PROVIDED Rough-toothed dolphin (UNKNOWN): NOT PROVIDED Sperm whale, cachalot (UNKNOWN): NOT PROVIDED pilot whale unspecified (UNKNOWN): NOT PROVIDED	IOTC,WC PFC

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Albacore (Thunnus alalunga), Bigeye tuna (Thunnus obesus), Yellowfin tuna (Thunnus albacares)	Handlines and hand-operated pole-and-lines, (Pelagic)	Number of Vessels: none provided, Licenses: 17, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:57 Indian Ocean Eastern, FAO:71 Pacific Western Central)	Baleen whale unspecified (UNKNOWN) Dwarf spinner dolphin (UNKNOWN) False killer whale (UNKNOWN) Indo-Pacific bottlenose dolphin (UNKNOWN) Irrawaddy dolphin, pesut (UNKNOWN) Killer whale, orca (UNKNOWN) Long-beaked Common Dolphin (UNKNOWN) Pygmy killer whale (UNKNOWN) Rough-toothed dolphin (UNKNOWN) Sperm whale, cachalot (UNKNOWN) pilot whale unspecified (UNKNOWN)	Baleen whale unspecified (UNKNOWN): NOT PROVIDED Dwarf spinner dolphin (UNKNOWN): NOT PROVIDED False killer whale (UNKNOWN): NOT PROVIDED Indo-Pacific bottlenose dolphin (UNKNOWN): NOT PROVIDED Irrawaddy dolphin, pesut (UNKNOWN): NOT PROVIDED Killer whale, orca (UNKNOWN): NOT PROVIDED Long-beaked Common Dolphin (UNKNOWN): NOT PROVIDED Pygmy killer whale (UNKNOWN): NOT PROVIDED Rough-toothed dolphin (UNKNOWN): NOT PROVIDED Sperm whale, cachalot (UNKNOWN): NOT PROVIDED pilot whale unspecified (UNKNOWN): NOT PROVIDED	IOTC,WC PFC
Pacific bluefin tuna (Thunnus orientalis), Southern bluefin tuna (Thunnus maccoyii), True tunas nei (Thunnus spp)	Handlines and hand-operated pole-and-lines, (Pelagic)	Number of Vessels: none provided, Licenses: 17, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:57 Indian Ocean Eastern, FAO:71 Pacific Western Central)	Baleen whale unspecified (UNKNOWN) Dwarf spinner dolphin (UNKNOWN) False killer whale (UNKNOWN) Indo-Pacific bottlenose dolphin (UNKNOWN) Irrawaddy dolphin, pesut (UNKNOWN) Killer whale, orca (UNKNOWN) Long-beaked Common Dolphin (UNKNOWN) Pygmy killer whale (UNKNOWN) Rough-toothed dolphin (UNKNOWN) Sperm whale, cachalot (UNKNOWN) pilot whale unspecified (UNKNOWN)	Baleen whale unspecified (UNKNOWN): NOT PROVIDED Dwarf spinner dolphin (UNKNOWN): NOT PROVIDED False killer whale (UNKNOWN): NOT PROVIDED Indo-Pacific bottlenose dolphin (UNKNOWN): NOT PROVIDED Irrawaddy dolphin, pesut (UNKNOWN): NOT PROVIDED Killer whale, orca (UNKNOWN): NOT PROVIDED Long-beaked Common Dolphin (UNKNOWN): NOT PROVIDED Pygmy killer whale (UNKNOWN): NOT PROVIDED Rough-toothed dolphin (UNKNOWN): NOT PROVIDED Sperm whale, cachalot (UNKNOWN): NOT PROVIDED pilot whale unspecified (UNKNOWN): NOT PROVIDED	CCSBT,IO TC,WCPF C
Albacore (Thunnus alalunga), Bigeye tuna (Thunnus obesus), Skipjack tuna (Katsuwonus pelamis), Yellowfin tuna (Thunnus albacares)	Purse seines, (Pelagic)	Number of Vessels: none provided, Licenses: 4389, Participants: none provided, Aquaculture Facilities: none provided	High Seas,EEZ,(FAO:57 Indian Ocean Eastern, FAO:71 Pacific Western Central)	Baleen whale unspecified (UNKNOWN) Dwarf spinner dolphin (UNKNOWN) False killer whale (UNKNOWN) Indo-Pacific bottlenose dolphin (UNKNOWN) Irrawaddy dolphin, pesut (UNKNOWN) Killer whale, orca (UNKNOWN) Long-beaked Common Dolphin (UNKNOWN) Pygmy killer whale (UNKNOWN) Rough-toothed dolphin (UNKNOWN) Sperm whale, cachalot (UNKNOWN) pilot whale unspecified (UNKNOWN)	Baleen whale unspecified (UNKNOWN): UNKNOWN Dwarf spinner dolphin (UNKNOWN): UNKNOWN False killer whale (UNKNOWN): UNKNOWN Indo-Pacific bottlenose dolphin (UNKNOWN): UNKNOWN Irrawaddy dolphin, pesut (UNKNOWN): UNKNOWN Killer whale, orca (UNKNOWN): UNKNOWN Long-beaked Common Dolphin (UNKNOWN): UNKNOWN Pygmy killer whale (UNKNOWN): UNKNOWN Rough-toothed dolphin (UNKNOWN): UNKNOWN Sperm whale, cachalot (UNKNOWN): UNKNOWN pilot whale unspecified (UNKNOWN): UNKNOWN	IOTC,WC PFC
Cuttlefishes nei (Sepia spp), Scallop (Chlamys livida), Various squids nei (Loliginidae, Ommastrephidae)	Jig, (Surface)	Number of Vessels: none provided, Licenses: 1290, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:57 Indian Ocean Eastern, FAO:71 Pacific Western Central)	Baleen whale unspecified (UNKNOWN) Dwarf spinner dolphin (UNKNOWN) False killer whale (UNKNOWN) Indo-Pacific bottlenose dolphin (UNKNOWN) Irrawaddy dolphin, pesut (UNKNOWN) Killer whale, orca (UNKNOWN) Long-beaked Common Dolphin (UNKNOWN) Pygmy killer whale (UNKNOWN) Rough-toothed dolphin (UNKNOWN) Sperm whale, cachalot (UNKNOWN) pilot whale unspecified (UNKNOWN)	Baleen whale unspecified (UNKNOWN): NOT PROVIDED Dwarf spinner dolphin (UNKNOWN): NOT PROVIDED False killer whale (UNKNOWN): NOT PROVIDED Indo-Pacific bottlenose dolphin (UNKNOWN): NOT PROVIDED Irrawaddy dolphin, pesut (UNKNOWN): NOT PROVIDED Killer whale, orca (UNKNOWN): NOT PROVIDED Long-beaked Common Dolphin (UNKNOWN): NOT PROVIDED Pygmy killer whale (UNKNOWN): NOT PROVIDED Rough-toothed dolphin (UNKNOWN): NOT PROVIDED Sperm whale, cachalot (UNKNOWN): NOT PROVIDED pilot whale unspecified (UNKNOWN): NOT PROVIDED	
Cuttlefishes nei (Sepia spp), Scallop (Chlamys livida), Various squids nei (Loliginidae, Ommastrephidae)	Lift nets (not specified), (Surface)	Number of Vessels: none provided, Licenses: 1705, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:57 Indian Ocean Eastern, FAO:71 Pacific Western Central)	Baleen whale unspecified (UNKNOWN) Dwarf spinner dolphin (UNKNOWN) False killer whale (UNKNOWN) Indo-Pacific bottlenose dolphin (UNKNOWN) Irrawaddy dolphin, pesut (UNKNOWN) Killer whale, orca (UNKNOWN) Long-beaked Common Dolphin (UNKNOWN) Pygmy killer whale (UNKNOWN) Rough-toothed dolphin (UNKNOWN) Sperm whale, cachalot (UNKNOWN) pilot whale unspecified (UNKNOWN)	Baleen whale unspecified (UNKNOWN): NOT PROVIDED Dwarf spinner dolphin (UNKNOWN): NOT PROVIDED False killer whale (UNKNOWN): NOT PROVIDED Indo-Pacific bottlenose dolphin (UNKNOWN): NOT PROVIDED Irrawaddy dolphin, pesut (UNKNOWN): NOT PROVIDED Killer whale, orca (UNKNOWN): NOT PROVIDED Long-beaked Common Dolphin (UNKNOWN): NOT PROVIDED Pygmy killer whale (UNKNOWN): NOT PROVIDED Rough-toothed dolphin (UNKNOWN): NOT PROVIDED Sperm whale, cachalot (UNKNOWN): NOT PROVIDED pilot whale unspecified (UNKNOWN): NOT PROVIDED	

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Cuttlefishes nei (Sepia spp), Scallops nei (Pectinidae), Various squids nei (Loliginidae, Ommastrephidae)	Cast nets, (Surface)	Number of Vessels: none provided, Licenses: 700, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:57 Indian Ocean Eastern, FAO:71 Pacific Western Central)	Baleen whale unspecified (UNKNOWN) Dwarf spinner dolphin (UNKNOWN) False killer whale (UNKNOWN) Indo-Pacific bottlenose dolphin (UNKNOWN) Irrawaddy dolphin, pesut (UNKNOWN) Killer whale, orca (UNKNOWN) Long-beaked Common Dolphin (UNKNOWN) Pygmy killer whale (UNKNOWN) Rough-toothed dolphin (UNKNOWN) Sperm whale, cachalot (UNKNOWN) pilot whale unspecified (UNKNOWN)	Baleen whale unspecified (UNKNOWN): NOT PROVIDED Dwarf spinner dolphin (UNKNOWN): NOT PROVIDED False killer whale (UNKNOWN): NOT PROVIDED Indo-Pacific bottlenose dolphin (UNKNOWN): NOT PROVIDED Irrawaddy dolphin, pesut (UNKNOWN): NOT PROVIDED Killer whale, orca (UNKNOWN): NOT PROVIDED Long-beaked Common Dolphin (UNKNOWN): NOT PROVIDED Pygmy killer whale (UNKNOWN): NOT PROVIDED Rough-toothed dolphin (UNKNOWN): NOT PROVIDED Sperm whale, cachalot (UNKNOWN): NOT PROVIDED pilot whale unspecified (UNKNOWN): NOT PROVIDED	
Octopuses nei (Octopus spp)	Hand collection, (Surface)	Number of Vessels: none provided, Licenses: 0, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:57 Indian Ocean Eastern, FAO:71 Pacific Western Central)	Baleen whale unspecified (UNKNOWN) Dwarf spinner dolphin (UNKNOWN) False killer whale (UNKNOWN) Indo-Pacific bottlenose dolphin (UNKNOWN) Irrawaddy dolphin, pesut (UNKNOWN) Killer whale, orca (UNKNOWN) Long-beaked Common Dolphin (UNKNOWN) Pygmy killer whale (UNKNOWN) Rough-toothed dolphin (UNKNOWN) Sperm whale, cachalot (UNKNOWN) pilot whale unspecified (UNKNOWN)	Baleen whale unspecified (UNKNOWN): NOT PROVIDED Dwarf spinner dolphin (UNKNOWN): NOT PROVIDED False killer whale (UNKNOWN): NOT PROVIDED Indo-Pacific bottlenose dolphin (UNKNOWN): NOT PROVIDED Irrawaddy dolphin, pesut (UNKNOWN): NOT PROVIDED Killer whale, orca (UNKNOWN): NOT PROVIDED Long-beaked Common Dolphin (UNKNOWN): NOT PROVIDED Pygmy killer whale (UNKNOWN): NOT PROVIDED Rough-toothed dolphin (UNKNOWN): NOT PROVIDED Sperm whale, cachalot (UNKNOWN): NOT PROVIDED pilot whale unspecified (UNKNOWN): NOT PROVIDED	
Marine crustaceans nei (Crustacea), Marine fishes nei (Osteichthyes)	Hand collection, (Midwater)	Number of Vessels: 0, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:57 Indian Ocean Eastern, FAO:71 Pacific Western Central)	Baleen whale unspecified (UNKNOWN) Dwarf spinner dolphin (UNKNOWN) False killer whale (UNKNOWN) Indo-Pacific bottlenose dolphin (UNKNOWN) Irrawaddy dolphin, pesut (UNKNOWN) Killer whale, orca (UNKNOWN) Long-beaked Common Dolphin (UNKNOWN) Pygmy killer whale (UNKNOWN) Rough-toothed dolphin (UNKNOWN) Sperm whale, cachalot (UNKNOWN) pilot whale unspecified (UNKNOWN)	Baleen whale unspecified (UNKNOWN): NOT PROVIDED Dwarf spinner dolphin (UNKNOWN): NOT PROVIDED False killer whale (UNKNOWN): NOT PROVIDED Indo-Pacific bottlenose dolphin (UNKNOWN): NOT PROVIDED Irrawaddy dolphin, pesut (UNKNOWN): NOT PROVIDED Killer whale, orca (UNKNOWN): NOT PROVIDED Long-beaked Common Dolphin (UNKNOWN): NOT PROVIDED Pygmy killer whale (UNKNOWN): NOT PROVIDED Rough-toothed dolphin (UNKNOWN): NOT PROVIDED Sperm whale, cachalot (UNKNOWN): NOT PROVIDED pilot whale unspecified (UNKNOWN): NOT PROVIDED	
Sea cucumbers nei (Holothuroidea)	Hand collection, (Bottom)	Number of Vessels: none provided, Licenses: 0, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:57 Indian Ocean Eastern, FAO:71 Pacific Western Central)	Baleen whale unspecified (UNKNOWN) Dwarf spinner dolphin (UNKNOWN) False killer whale (UNKNOWN) Indo-Pacific bottlenose dolphin (UNKNOWN) Irrawaddy dolphin, pesut (UNKNOWN) Killer whale, orca (UNKNOWN) Long-beaked Common Dolphin (UNKNOWN) Pygmy killer whale (UNKNOWN) Rough-toothed dolphin (UNKNOWN) Sperm whale, cachalot (UNKNOWN) pilot whale unspecified (UNKNOWN)	Baleen whale unspecified (UNKNOWN): NOT PROVIDED Dwarf spinner dolphin (UNKNOWN): NOT PROVIDED False killer whale (UNKNOWN): NOT PROVIDED Indo-Pacific bottlenose dolphin (UNKNOWN): NOT PROVIDED Irrawaddy dolphin, pesut (UNKNOWN): NOT PROVIDED Killer whale, orca (UNKNOWN): NOT PROVIDED Long-beaked Common Dolphin (UNKNOWN): NOT PROVIDED Pygmy killer whale (UNKNOWN): NOT PROVIDED Rough-toothed dolphin (UNKNOWN): NOT PROVIDED Sperm whale, cachalot (UNKNOWN): NOT PROVIDED pilot whale unspecified (UNKNOWN): NOT PROVIDED	
Clams/etc. nei (Bivalvia)	Hand collection, (Demersal)	Number of Vessels: 0, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:57 Indian Ocean Eastern, FAO:71 Pacific Western Central)	Baleen whale unspecified (UNKNOWN) Dwarf spinner dolphin (UNKNOWN) False killer whale (UNKNOWN) Indo-Pacific bottlenose dolphin (UNKNOWN) Irrawaddy dolphin, pesut (UNKNOWN) Killer whale, orca (UNKNOWN) Long-beaked Common Dolphin (UNKNOWN) Pygmy killer whale (UNKNOWN) Rough-toothed dolphin (UNKNOWN) Sperm whale, cachalot (UNKNOWN) pilot whale unspecified (UNKNOWN)	Baleen whale unspecified (UNKNOWN): NOT PROVIDED Dwarf spinner dolphin (UNKNOWN): NOT PROVIDED False killer whale (UNKNOWN): NOT PROVIDED Indo-Pacific bottlenose dolphin (UNKNOWN): NOT PROVIDED Irrawaddy dolphin, pesut (UNKNOWN): NOT PROVIDED Killer whale, orca (UNKNOWN): NOT PROVIDED Long-beaked Common Dolphin (UNKNOWN): NOT PROVIDED Pygmy killer whale (UNKNOWN): NOT PROVIDED Rough-toothed dolphin (UNKNOWN): NOT PROVIDED Sperm whale, cachalot (UNKNOWN): NOT PROVIDED pilot whale unspecified (UNKNOWN): NOT PROVIDED	

Export Fisheries

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Sharks/rays/skates/etc. nei (Elasmobranchii), Various sharks nei (Selachimorpha (Pleurotremata))	Gillnets and entangling nets (not specified), (Surface)	Number of Vessels: none provided, Licenses: 0, Participants: none provided, Aquaculture Facilities: none provided	High Seas,EEZ,Australia,(FAO:57 Indian Ocean Eastern, FAO:71 Pacific Western Central)	Baleen whale unspecified (UNKNOWN) Dwarf spinner dolphin (UNKNOWN) False killer whale (UNKNOWN) Indo-Pacific bottlenose dolphin (UNKNOWN) Irrawaddy dolphin, pesut (UNKNOWN) Killer whale, orca (UNKNOWN) Long-beaked Common Dolphin (UNKNOWN) Pygmy killer whale (UNKNOWN) Rough-toothed dolphin (UNKNOWN) Sperm whale, cachalot (UNKNOWN) pilot whale unspecified (UNKNOWN)	Baleen whale unspecified (UNKNOWN) Dwarf spinner dolphin (UNKNOWN) False killer whale (UNKNOWN) Indo-Pacific bottlenose dolphin (UNKNOWN) Irrawaddy dolphin, pesut (UNKNOWN) Killer whale, orca (UNKNOWN) Long-beaked Common Dolphin (UNKNOWN) Pygmy killer whale (UNKNOWN) Rough-toothed dolphin (UNKNOWN) Sperm whale, cachalot (UNKNOWN) pilot whale unspecified (UNKNOWN)	CCSBT,IO TC,WCPF C
Frigate and bullet tunas (Auxis thazard, A. rochei), Kawakawa/mackerel tuna (Euthynnus affinis), True tunas nei (Thunnus spp)	Purse seines, (Pelagic)	Number of Vessels: none provided, Licenses: 5837, Participants: none provided, Aquaculture Facilities: none provided	High Seas,EEZ,(FAO:57 Indian Ocean Eastern, FAO:71 Pacific Western Central)	Baleen whale unspecified (UNKNOWN) Dwarf spinner dolphin (UNKNOWN) False killer whale (UNKNOWN) Indo-Pacific bottlenose dolphin (UNKNOWN) Irrawaddy dolphin, pesut (UNKNOWN) Killer whale, orca (UNKNOWN) Long-beaked Common Dolphin (UNKNOWN) Pygmy killer whale (UNKNOWN) Rough-toothed dolphin (UNKNOWN) Sperm whale, cachalot (UNKNOWN) pilot whale unspecified (UNKNOWN)	Baleen whale unspecified (UNKNOWN) Dwarf spinner dolphin (UNKNOWN) False killer whale (UNKNOWN) Indo-Pacific bottlenose dolphin (UNKNOWN) Irrawaddy dolphin, pesut (UNKNOWN) Killer whale, orca (UNKNOWN) Long-beaked Common Dolphin (UNKNOWN) Pygmy killer whale (UNKNOWN) Rough-toothed dolphin (UNKNOWN) Sperm whale, cachalot (UNKNOWN) pilot whale unspecified (UNKNOWN)	CCSBT,IO TC,WCPF C
Albacore (Thunnus alalunga), Bigeye tuna (Thunnus obesus), Swordfish (Xiphias gladius), Yellowfin tuna (Thunnus albacares)	Longlines (not specified), (Pelagic)	Number of Vessels: none provided, Licenses: 499, Participants: none provided, Aquaculture Facilities: none provided	High Seas,EEZ,(FAO:57 Indian Ocean Eastern, FAO:71 Pacific Western Central)	Baleen whale unspecified (UNKNOWN) Dwarf spinner dolphin (UNKNOWN) False killer whale (UNKNOWN) Indo-Pacific bottlenose dolphin (UNKNOWN) Irrawaddy dolphin, pesut (UNKNOWN) Killer whale, orca (UNKNOWN) Long-beaked Common Dolphin (UNKNOWN) Pygmy killer whale (UNKNOWN) Rough-toothed dolphin (UNKNOWN) Sperm whale, cachalot (UNKNOWN) pilot whale unspecified (UNKNOWN)	Baleen whale unspecified (UNKNOWN) Dwarf spinner dolphin (UNKNOWN) False killer whale (UNKNOWN) Indo-Pacific bottlenose dolphin (UNKNOWN) Irrawaddy dolphin, pesut (UNKNOWN) Killer whale, orca (UNKNOWN) Long-beaked Common Dolphin (UNKNOWN) Pygmy killer whale (UNKNOWN) Rough-toothed dolphin (UNKNOWN) Sperm whale, cachalot (UNKNOWN) pilot whale unspecified (UNKNOWN)	IOTC,WC PFC
Pacific bluefin tuna (Thunnus orientalis), Southern bluefin tuna (Thunnus maccoyii), True tunas nei (Thunnus spp)	Longlines (not specified), (Pelagic)	Number of Vessels: none provided, Licenses: 428, Participants: none provided, Aquaculture Facilities: none provided	High Seas,EEZ,(FAO:57 Indian Ocean Eastern, FAO:71 Pacific Western Central)	Baleen whale unspecified (UNKNOWN) Dwarf spinner dolphin (UNKNOWN) False killer whale (UNKNOWN) Indo-Pacific bottlenose dolphin (UNKNOWN) Irrawaddy dolphin, pesut (UNKNOWN) Killer whale, orca (UNKNOWN) Long-beaked Common Dolphin (UNKNOWN) Pygmy killer whale (UNKNOWN) Rough-toothed dolphin (UNKNOWN) Sperm whale, cachalot (UNKNOWN) pilot whale unspecified (UNKNOWN)	Baleen whale unspecified (UNKNOWN) Dwarf spinner dolphin (UNKNOWN) False killer whale (UNKNOWN) Indo-Pacific bottlenose dolphin (UNKNOWN) Irrawaddy dolphin, pesut (UNKNOWN) Killer whale, orca (UNKNOWN) Long-beaked Common Dolphin (UNKNOWN) Pygmy killer whale (UNKNOWN) Rough-toothed dolphin (UNKNOWN) Sperm whale, cachalot (UNKNOWN) pilot whale unspecified (UNKNOWN)	CCSBT,IO TC,WCPF C
Flatfishes nei (Pleuronectiformes)	Gillnets and entangling nets (not specified), (Demersal)	Number of Vessels: none provided, Licenses: 0, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:57 Indian Ocean Eastern, FAO:71 Pacific Western Central)	Baleen whale unspecified (UNKNOWN) Dwarf spinner dolphin (UNKNOWN) False killer whale (UNKNOWN) Indo-Pacific bottlenose dolphin (UNKNOWN) Irrawaddy dolphin, pesut (UNKNOWN) Killer whale, orca (UNKNOWN) Long-beaked Common Dolphin (UNKNOWN) Pygmy killer whale (UNKNOWN) Rough-toothed dolphin (UNKNOWN) Sperm whale, cachalot (UNKNOWN) pilot whale unspecified (UNKNOWN)	Baleen whale unspecified (UNKNOWN) Dwarf spinner dolphin (UNKNOWN) False killer whale (UNKNOWN) Indo-Pacific bottlenose dolphin (UNKNOWN) Irrawaddy dolphin, pesut (UNKNOWN) Killer whale, orca (UNKNOWN) Long-beaked Common Dolphin (UNKNOWN) Pygmy killer whale (UNKNOWN) Rough-toothed dolphin (UNKNOWN) Sperm whale, cachalot (UNKNOWN) pilot whale unspecified (UNKNOWN)	CCSBT,IO TC,WCPF C

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Groupers nei (Epinephelus spp), Snappers nei (Lutjanus spp)	Gillnets and entangling nets (not specified), (Demersal)	Number of Vessels: none provided, Licenses: 492, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:57 Indian Ocean Eastern, FAO:71 Pacific Western Central)	Baleen whale unspecified (UNKNOWN) Dwarf spinner dolphin (UNKNOWN) False killer whale (UNKNOWN) Indo-Pacific bottlenose dolphin (UNKNOWN) Irrawaddy dolphin, pesut (UNKNOWN) Killer whale, orca (UNKNOWN) Long-beaked Common Dolphin (UNKNOWN) Pygmy killer whale (UNKNOWN) Rough-toothed dolphin (UNKNOWN) Sperm whale, cachalot (UNKNOWN) pilot whale unspecified (UNKNOWN)	Baleen whale unspecified (UNKNOWN): UNKNOWN Dwarf spinner dolphin (UNKNOWN): UNKNOWN False killer whale (UNKNOWN): UNKNOWN Indo-Pacific bottlenose dolphin (UNKNOWN): UNKNOWN Irrawaddy dolphin, pesut (UNKNOWN): UNKNOWN Killer whale, orca (UNKNOWN): UNKNOWN Long-beaked Common Dolphin (UNKNOWN): UNKNOWN Pygmy killer whale (UNKNOWN): UNKNOWN Rough-toothed dolphin (UNKNOWN): UNKNOWN Sperm whale, cachalot (UNKNOWN): UNKNOWN pilot whale unspecified (UNKNOWN): UNKNOWN	
Mackerels nei (Scombridae)	Purse seines, (Pelagic)	Number of Vessels: none provided, Licenses: 5837, Participants: none provided, Aquaculture Facilities: none provided	High Seas,EEZ,(FAO:57 Indian Ocean Eastern)	Baleen whale unspecified (UNKNOWN) Dwarf spinner dolphin (UNKNOWN) False killer whale (UNKNOWN) Indo-Pacific bottlenose dolphin (UNKNOWN) Irrawaddy dolphin, pesut (UNKNOWN) Killer whale, orca (UNKNOWN) Long-beaked Common Dolphin (UNKNOWN) Pygmy killer whale (UNKNOWN) Rough-toothed dolphin (UNKNOWN) Sperm whale, cachalot (UNKNOWN) pilot whale unspecified (UNKNOWN)	Baleen whale unspecified (UNKNOWN): UNKNOWN Dwarf spinner dolphin (UNKNOWN): UNKNOWN False killer whale (UNKNOWN): UNKNOWN Indo-Pacific bottlenose dolphin (UNKNOWN): UNKNOWN Irrawaddy dolphin, pesut (UNKNOWN): UNKNOWN Killer whale, orca (UNKNOWN): UNKNOWN Long-beaked Common Dolphin (UNKNOWN): UNKNOWN Pygmy killer whale (UNKNOWN): UNKNOWN Rough-toothed dolphin (UNKNOWN): UNKNOWN Sperm whale, cachalot (UNKNOWN): UNKNOWN pilot whale unspecified (UNKNOWN): UNKNOWN	IOTC
Dolphinfishes nei (Coryphaenidae)	Gillnets and entangling nets (not specified), (Pelagic)	Number of Vessels: none provided, Licenses: 0, Participants: none provided, Aquaculture Facilities: none provided	High Seas,EEZ,(FAO:57 Indian Ocean Eastern)	Baleen whale unspecified (UNKNOWN) Dwarf spinner dolphin (UNKNOWN) False killer whale (UNKNOWN) Indo-Pacific bottlenose dolphin (UNKNOWN) Irrawaddy dolphin, pesut (UNKNOWN) Killer whale, orca (UNKNOWN) Long-beaked Common Dolphin (UNKNOWN) Pygmy killer whale (UNKNOWN) Rough-toothed dolphin (UNKNOWN) Sperm whale, cachalot (UNKNOWN) pilot whale unspecified (UNKNOWN)	Baleen whale unspecified (UNKNOWN): UNKNOWN Dwarf spinner dolphin (UNKNOWN): UNKNOWN False killer whale (UNKNOWN): UNKNOWN Indo-Pacific bottlenose dolphin (UNKNOWN): UNKNOWN Irrawaddy dolphin, pesut (UNKNOWN): UNKNOWN Killer whale, orca (UNKNOWN): UNKNOWN Long-beaked Common Dolphin (UNKNOWN): UNKNOWN Pygmy killer whale (UNKNOWN): UNKNOWN Rough-toothed dolphin (UNKNOWN): UNKNOWN Sperm whale, cachalot (UNKNOWN): UNKNOWN pilot whale unspecified (UNKNOWN): UNKNOWN	IOTC
Marine fishes nei (Osteichthyes)	Gillnets and entangling nets (not specified), (Midwater)	Number of Vessels: none provided, Licenses: 707, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:57 Indian Ocean Eastern, FAO:71 Pacific Western Central)	Baleen whale unspecified (UNKNOWN) Dwarf spinner dolphin (UNKNOWN) False killer whale (UNKNOWN) Indo-Pacific bottlenose dolphin (UNKNOWN) Irrawaddy dolphin, pesut (UNKNOWN) Killer whale, orca (UNKNOWN) Long-beaked Common Dolphin (UNKNOWN) Pygmy killer whale (UNKNOWN) Rough-toothed dolphin (UNKNOWN) Sperm whale, cachalot (UNKNOWN) pilot whale unspecified (UNKNOWN)	Baleen whale unspecified (UNKNOWN): UNKNOWN Dwarf spinner dolphin (UNKNOWN): UNKNOWN False killer whale (UNKNOWN): UNKNOWN Indo-Pacific bottlenose dolphin (UNKNOWN): UNKNOWN Irrawaddy dolphin, pesut (UNKNOWN): UNKNOWN Killer whale, orca (UNKNOWN): UNKNOWN Long-beaked Common Dolphin (UNKNOWN): UNKNOWN Pygmy killer whale (UNKNOWN): UNKNOWN Rough-toothed dolphin (UNKNOWN): UNKNOWN Sperm whale, cachalot (UNKNOWN): UNKNOWN pilot whale unspecified (UNKNOWN): UNKNOWN	
Marine crabs nei (Brachyura)	Pots/traps, (Demersal)	Number of Vessels: none provided, Licenses: 1, Participants: none provided, Aquaculture Facilities: none provided	High Seas,EEZ,(FAO:57 Indian Ocean Eastern, FAO:71 Pacific Western Central)	Baleen whale unspecified (UNKNOWN) Dwarf spinner dolphin (UNKNOWN) False killer whale (UNKNOWN) Indo-Pacific bottlenose dolphin (UNKNOWN) Irrawaddy dolphin, pesut (UNKNOWN) Killer whale, orca (UNKNOWN) Long-beaked Common Dolphin (UNKNOWN) Pygmy killer whale (UNKNOWN) Rough-toothed dolphin (UNKNOWN) Sperm whale, cachalot (UNKNOWN) pilot whale unspecified (UNKNOWN)	Baleen whale unspecified (UNKNOWN): NOT PROVIDED Dwarf spinner dolphin (UNKNOWN): NOT PROVIDED False killer whale (UNKNOWN): NOT PROVIDED Indo-Pacific bottlenose dolphin (UNKNOWN): NOT PROVIDED Irrawaddy dolphin, pesut (UNKNOWN): NOT PROVIDED Killer whale, orca (UNKNOWN): NOT PROVIDED Long-beaked Common Dolphin (UNKNOWN): NOT PROVIDED Pygmy killer whale (UNKNOWN): NOT PROVIDED Rough-toothed dolphin (UNKNOWN): NOT PROVIDED Sperm whale, cachalot (UNKNOWN): NOT PROVIDED pilot whale unspecified (UNKNOWN): NOT PROVIDED	

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Swimming crabs/etc. nei (Portunidae)	Pots/traps, (Surface)	Number of Vessels: none provided, Licenses: 2, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:57 Indian Ocean Eastern, FAO:71 Pacific Western Central)	Baleen whale unspecified (UNKNOWN) Dwarf spinner dolphin (UNKNOWN) False killer whale (UNKNOWN) Indo-Pacific bottlenose dolphin (UNKNOWN) Irrawaddy dolphin, pesut (UNKNOWN) Killer whale, orca (UNKNOWN) Long-beaked Common Dolphin (UNKNOWN) Pygmy killer whale (UNKNOWN) Rough-toothed dolphin (UNKNOWN) Sperm whale, cachalot (UNKNOWN) pilot whale unspecified (UNKNOWN)	Baleen whale unspecified (UNKNOWN): NOT PROVIDED Dwarf spinner dolphin (UNKNOWN): NOT PROVIDED False killer whale (UNKNOWN): NOT PROVIDED Indo-Pacific bottlenose dolphin (UNKNOWN): NOT PROVIDED Irrawaddy dolphin, pesut (UNKNOWN): NOT PROVIDED Killer whale, orca (UNKNOWN): NOT PROVIDED Long-beaked Common Dolphin (UNKNOWN): NOT PROVIDED Pygmy killer whale (UNKNOWN): NOT PROVIDED Rough-toothed dolphin (UNKNOWN): NOT PROVIDED Sperm whale, cachalot (UNKNOWN): NOT PROVIDED pilot whale unspecified (UNKNOWN): NOT PROVIDED	
Groundfishes nei (Osteichthyes)	Pots/traps, (Bottom)	Number of Vessels: none provided, Licenses: 202, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:57 Indian Ocean Eastern, FAO:71 Pacific Western Central)	Baleen whale unspecified (UNKNOWN) Dwarf spinner dolphin (UNKNOWN) False killer whale (UNKNOWN) Indo-Pacific bottlenose dolphin (UNKNOWN) Irrawaddy dolphin, pesut (UNKNOWN) Killer whale, orca (UNKNOWN) Long-beaked Common Dolphin (UNKNOWN) Pygmy killer whale (UNKNOWN) Rough-toothed dolphin (UNKNOWN) Sperm whale, cachalot (UNKNOWN) pilot whale unspecified (UNKNOWN)	Baleen whale unspecified (UNKNOWN): NOT PROVIDED Dwarf spinner dolphin (UNKNOWN): NOT PROVIDED False killer whale (UNKNOWN): NOT PROVIDED Indo-Pacific bottlenose dolphin (UNKNOWN): NOT PROVIDED Irrawaddy dolphin, pesut (UNKNOWN): NOT PROVIDED Killer whale, orca (UNKNOWN): NOT PROVIDED Long-beaked Common Dolphin (UNKNOWN): NOT PROVIDED Pygmy killer whale (UNKNOWN): NOT PROVIDED Rough-toothed dolphin (UNKNOWN): NOT PROVIDED Sperm whale, cachalot (UNKNOWN): NOT PROVIDED pilot whale unspecified (UNKNOWN): NOT PROVIDED	
Groupers nei (Epinephelus spp)	Pots/traps, (Demersal)	Number of Vessels: none provided, Licenses: 202, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:57 Indian Ocean Eastern, FAO:71 Pacific Western Central)	Baleen whale unspecified (UNKNOWN) Dwarf spinner dolphin (UNKNOWN) False killer whale (UNKNOWN) Indo-Pacific bottlenose dolphin (UNKNOWN) Irrawaddy dolphin, pesut (UNKNOWN) Killer whale, orca (UNKNOWN) Long-beaked Common Dolphin (UNKNOWN) Pygmy killer whale (UNKNOWN) Rough-toothed dolphin (UNKNOWN) Sperm whale, cachalot (UNKNOWN) pilot whale unspecified (UNKNOWN)	Baleen whale unspecified (UNKNOWN): NOT PROVIDED Dwarf spinner dolphin (UNKNOWN): NOT PROVIDED False killer whale (UNKNOWN): NOT PROVIDED Indo-Pacific bottlenose dolphin (UNKNOWN): NOT PROVIDED Irrawaddy dolphin, pesut (UNKNOWN): NOT PROVIDED Killer whale, orca (UNKNOWN): NOT PROVIDED Long-beaked Common Dolphin (UNKNOWN): NOT PROVIDED Pygmy killer whale (UNKNOWN): NOT PROVIDED Rough-toothed dolphin (UNKNOWN): NOT PROVIDED Sperm whale, cachalot (UNKNOWN): NOT PROVIDED pilot whale unspecified (UNKNOWN): NOT PROVIDED	
Snappers nei (Lutjanus spp)	Pots/traps, (Demersal)	Number of Vessels: none provided, Licenses: 202, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:57 Indian Ocean Eastern, FAO:71 Pacific Western Central)	Baleen whale unspecified (UNKNOWN) Dwarf spinner dolphin (UNKNOWN) False killer whale (UNKNOWN) Indo-Pacific bottlenose dolphin (UNKNOWN) Irrawaddy dolphin, pesut (UNKNOWN) Killer whale, orca (UNKNOWN) Long-beaked Common Dolphin (UNKNOWN) Pygmy killer whale (UNKNOWN) Rough-toothed dolphin (UNKNOWN) Sperm whale, cachalot (UNKNOWN) pilot whale unspecified (UNKNOWN)	Baleen whale unspecified (UNKNOWN): NOT PROVIDED Dwarf spinner dolphin (UNKNOWN): NOT PROVIDED False killer whale (UNKNOWN): NOT PROVIDED Indo-Pacific bottlenose dolphin (UNKNOWN): NOT PROVIDED Irrawaddy dolphin, pesut (UNKNOWN): NOT PROVIDED Killer whale, orca (UNKNOWN): NOT PROVIDED Long-beaked Common Dolphin (UNKNOWN): NOT PROVIDED Pygmy killer whale (UNKNOWN): NOT PROVIDED Rough-toothed dolphin (UNKNOWN): NOT PROVIDED Sperm whale, cachalot (UNKNOWN): NOT PROVIDED pilot whale unspecified (UNKNOWN): NOT PROVIDED	
Seabasses nei (Dicentrarchus spp)	Pots/traps, (Demersal)	Number of Vessels: none provided, Licenses: 202, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:57 Indian Ocean Eastern, FAO:71 Pacific Western Central)	Baleen whale unspecified (UNKNOWN) Dwarf spinner dolphin (UNKNOWN) False killer whale (UNKNOWN) Indo-Pacific bottlenose dolphin (UNKNOWN) Irrawaddy dolphin, pesut (UNKNOWN) Killer whale, orca (UNKNOWN) Long-beaked Common Dolphin (UNKNOWN) Pygmy killer whale (UNKNOWN) Rough-toothed dolphin (UNKNOWN) Sperm whale, cachalot (UNKNOWN) pilot whale unspecified (UNKNOWN)	Baleen whale unspecified (UNKNOWN): NOT PROVIDED Dwarf spinner dolphin (UNKNOWN): NOT PROVIDED False killer whale (UNKNOWN): NOT PROVIDED Indo-Pacific bottlenose dolphin (UNKNOWN): NOT PROVIDED Irrawaddy dolphin, pesut (UNKNOWN): NOT PROVIDED Killer whale, orca (UNKNOWN): NOT PROVIDED Long-beaked Common Dolphin (UNKNOWN): NOT PROVIDED Pygmy killer whale (UNKNOWN): NOT PROVIDED Rough-toothed dolphin (UNKNOWN): NOT PROVIDED Sperm whale, cachalot (UNKNOWN): NOT PROVIDED pilot whale unspecified (UNKNOWN): NOT PROVIDED	

Iran

Exempt Fisheries

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Bigeye tuna (<i>Thunnus obesus</i>), Longtail tuna (<i>Thunnus tonggol</i>), Skipjack tuna (<i>Katsuwonus pelamis</i>), Tunas nei (<i>Thunnini</i>), Yellowfin tuna (<i>Thunnus albacares</i>)	Purse seines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Iranian southern waters, Persian Gulf and Oman Sea			
Export Fisheries						
Bigeye tuna (<i>Thunnus obesus</i>), Longtail tuna (<i>Thunnus tonggol</i>), Skipjack tuna (<i>Katsuwonus pelamis</i>), Tunas nei (<i>Thunnini</i>), Yellowfin tuna (<i>Thunnus albacares</i>)	Gillnets and entangling nets (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Iranian waters, Persian Gulf and Oman Sea	Common bottlenose dolphin (STOCK NOT SPECIFIED) Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED) Indo-Pacific humpback dolphin (STOCK NOT SPECIFIED) Spinner dolphin (STOCK NOT SPECIFIED)	Common bottlenose dolphin (STOCK NOT SPECIFIED): NOT PROVIDED Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED): NOT PROVIDED Indo-Pacific humpback dolphin (STOCK NOT SPECIFIED): NOT PROVIDED Spinner dolphin (STOCK NOT SPECIFIED): NOT PROVIDED	
marine shrimps nei	Trawls (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Iranian waters			
Sturgeon (caviar/roe)	Gillnets and entangling nets (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Caspian Sea			
Bigeye tuna (<i>Thunnus obesus</i>), Longtail tuna (<i>Thunnus tonggol</i>), Skipjack tuna (<i>Katsuwonus pelamis</i>), Tunas nei (<i>Thunnini</i>), Yellowfin tuna (<i>Thunnus albacares</i>)	Trolling lines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Iranian waters, Persian Gulf and Oman Sea			

Ireland

Export Fisheries						
Seaweeds nei (Algae)	Unknown/Gear not known/Not provided, (Midwater)	UNKNOWN	EEZ,(FAO:27 Atlantic Northeast),none provided			
Flat oysters nei (<i>Ostrea</i> spp)	Unknown/Gear not known/Not provided, (Bottom)	UNKNOWN	EEZ,(FAO:27 Atlantic Northeast)			

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Atlantic horse mackerel (<i>Trachurus trachurus</i>)	Trawls (not specified), (Pelagic)	UNKNOWN	High Seas,EEZ,(FAO:27 Atlantic Northeast)	Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED)	Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED): UNKNOWN	
Mackerels nei (<i>Scombridae</i>)	Trawls (not specified), (Pelagic)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic Area 27	FAO		
Blue whiting(=Poutassou) (<i>Micromesistius poutassou</i>)	Trawls (not specified), (Pelagic)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic Area 27	FAO		
Common spiny lobster (<i>Palinurus elephas</i>)	tangle nets	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided	Gray seal (STOCK NOT SPECIFIED) Harbor seal, common seal (STOCK NOT SPECIFIED)	Gray seal (STOCK NOT SPECIFIED): UNKNOWN Harbor seal, common seal (STOCK NOT SPECIFIED): UNKNOWN	
Hakes nei (<i>Merluccius</i> spp), Saithe(=Pollock) (<i>Pollachius virens</i>), Spiny lobsters nei (<i>Palinuridae</i>)	Gillnets and entangling nets (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Atlantic Ocean - Celtic Sea	Harbor porpoise (STOCK NOT SPECIFIED)	Harbor porpoise (STOCK NOT SPECIFIED): UNKNOWN	
Salmonids nei (<i>Salmonidae</i>)	Unknown/Gear not known/Not provided, (Midwater)	UNKNOWN	EEZ,(FAO:27 Atlantic Northeast),EEZ			
Groundfishes nei (<i>Osteichthyes</i>), Herrings/sardines nei (<i>Clupeidae</i>), Jack and horse mackerels nei (<i>Trachurus</i> spp), Mackerels nei (<i>Scombridae</i>), Porgies/seabreams nei (<i>Sparidae</i>), Sardinellas nei (<i>Sardinella</i> spp)	Trawls (not specified), (Pelagic)	UNKNOWN	High Seas, EEZ, Mauritania, (FAO:27 Atlantic Northeast),FAO Area 34			
Marine crabs nei (<i>Brachyura</i>)	Trawls (not specified), (Bottom)	UNKNOWN	EEZ,(FAO:27 Atlantic Northeast),none provided			
Marine crustaceans nei (<i>Crustacea</i>), Marine molluscs nei (<i>Mollusca</i>), Sea mussels nei (<i>Mytilidae</i>)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			
Herrings/sardines nei (<i>Clupeidae</i>)	Trawls (not specified), (Pelagic)	UNKNOWN	High Seas,EEZ,(FAO:27 Atlantic Northeast),none provided			
Norway lobster (<i>Nephrops norvegicus</i>)	Trawls (not specified), (Demersal)	UNKNOWN	High Seas,EEZ,(FAO:27 Atlantic Northeast),none provided			

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Israel						
Export Fisheries						
Tunas nei (Thunnini)	Purse seines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Mediterranean Sea			
Herrings/sardines nei (Clupeidae), Mackerels nei (Scombridae)	Purse seines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Mediterranean Sea			
Italy						
Exempt Fisheries						
Swordfish (Xiphias gladius)	Harpoons	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Sicilian waters			
Hard corals/madrepores nei (Scleractinia)	Hand collection	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			
Clams/etc. nei (Bivalvia), Marine molluscs nei (Mollusca), Sea mussels nei (Mytilidae)	Dredges (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	coastal waters			
Tunas nei (Thunnini)	Purse seines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Madagascar,Mauritius,Moza mbique,Seychelles,Western Indian Ocean			IOTC
Export Fisheries						
Marine crustaceans nei (Crustacea)	Pots/traps	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Mauritania,FAO Area 34, Mauritania EEZ			

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Porgies/seabreams nei (Sparidae), Seabasses nei (Dicentrarchus spp)	Aquaculture (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			
Atlantic bluefin tuna (Thunnus thynnus)	Pots/traps	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Ligurian Sea and North Tyrrhenian Sea, Southern and Central Tyrrhenian Sea, Sardinia, Southern Sicily, Northern Adriatic, Southern Adriatic, Western Ionian Sea	Common bottlenose dolphin (STOCK NOT SPECIFIED) Risso's dolphin, grampus (STOCK NOT SPECIFIED)	Common bottlenose dolphin (STOCK NOT SPECIFIED): 0 Risso's dolphin, grampus (STOCK NOT SPECIFIED): 0	ICCAT
Atlantic bluefin tuna (Thunnus thynnus)	Longlines (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Ligurian Sea and North Tyrrhenian Sea, Southern and Central Tyrrhenian Sea, Sardinia, Southern Sicily, Northern Adriatic, Southern Adriatic, Western Ionian Sea	Common bottlenose dolphin (STOCK NOT SPECIFIED) Risso's dolphin, grampus (STOCK NOT SPECIFIED)	Common bottlenose dolphin (STOCK NOT SPECIFIED): 0 Risso's dolphin, grampus (STOCK NOT SPECIFIED): 0	ICCAT
Atlantic bluefin tuna (Thunnus thynnus)	Purse seines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Ligurian Sea and North Tyrrhenian Sea, Southern and Central Tyrrhenian Sea, Sardinia, Southern Sicily, Northern Adriatic, Southern Adriatic, Western Ionian Sea	Common bottlenose dolphin (STOCK NOT SPECIFIED) Risso's dolphin, grampus (STOCK NOT SPECIFIED)	Common bottlenose dolphin (STOCK NOT SPECIFIED): 0 Risso's dolphin, grampus (STOCK NOT SPECIFIED): 0	ICCAT
Albacore (Thunnus alalunga)	Longlines (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Ligurian Sea and North Tyrrhenian Sea, Southern and Central Tyrrhenian Sea, Sardinia, Southern Sicily, Northern Adriatic, Southern Adriatic, Western Ionian Sea	Common bottlenose dolphin (STOCK NOT SPECIFIED) Risso's dolphin, grampus (STOCK NOT SPECIFIED)	Common bottlenose dolphin (STOCK NOT SPECIFIED): 0 Risso's dolphin, grampus (STOCK NOT SPECIFIED): 0	ICCAT
Swordfish (Xiphias gladius)	Longlines (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Sicilian waters	Common bottlenose dolphin (STOCK NOT SPECIFIED) Risso's dolphin, grampus (STOCK NOT SPECIFIED)	Common bottlenose dolphin (STOCK NOT SPECIFIED): 0 Risso's dolphin, grampus (STOCK NOT SPECIFIED): 0	ICCAT
Porgies/seabreams nei (Sparidae), Seabasses nei (Dicentrarchus spp)	Other (Please Specify)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Ligurian Sea and North Tyrrhenian Sea, Southern and Central Tyrrhenian Sea, Sardinia, Southern Sicily, Northern Adriatic, Southern Adriatic, Western Ionian Sea			
Blue and red shrimp (Aristeus antennatus), Deep-water rose shrimp (Parapenaeus longirostris), Giant red shrimp (Aristaeomorpha foliacea), Norway lobster (Nephrops norvegicus), marine shrimps nei	Trawls (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Ligurian Sea and North Tyrrhenian Sea, Southern and Central Tyrrhenian Sea, Sardinia, Southern Sicily, Northern Adriatic, Southern Adriatic, Western Ionian Sea			

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Broadtail shortfin squid (<i>Illex coindetii</i>), European squid (<i>Loligo vulgaris</i>), Lesser flying squid (<i>Todaropsis eblanae</i>)	Trawls (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Ligurian Sea and North Tyrrhenian Sea, Southern and Central Tyrrhenian Sea, Sardinia, Southern Sicily, Northern Adriatic, Southern Adriatic, Western Ionian Sea			
Anchovies nei (<i>Engraulis</i> spp), European pilchard(=Sardine) (<i>Sardina pilchardus</i>), Herrings/sardines nei (<i>Clupeidae</i>)	Purse seines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Adriatic Sea			
Anchovies nei (<i>Engraulis</i> spp), European pilchard(=Sardine) (<i>Sardina pilchardus</i>), Herrings/sardines nei (<i>Clupeidae</i>)	Midwater pair trawls, (Midwater)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Ligurian Sea and North Tyrrhenian Sea, Southern and Central Tyrrhenian Sea, Southern Sicily, Northern Adriatic, Southern Adriatic, Western Ionian Sea			
Bonitos nei (<i>Sarda</i> spp)	Purse seines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Ligurian Sea and North Tyrrhenian Sea, Southern and Central Tyrrhenian Sea, Sardinia, Southern Sicily, Northern Adriatic, Southern Adriatic, Western Ionian Sea			
Broadtail shortfin squid (<i>Illex coindetii</i>), Common squids nei (<i>Loligo</i> spp), Cuttlefishes nei (<i>Sepia</i> spp), European squid (<i>Loligo vulgaris</i>), Horned octopus (<i>Eledone cirrhosa</i>), Musky octopus (<i>Eledone moschata</i>), Octopuses nei (<i>Octopus</i> spp), ghost cusk-eel (<i>Otophidium chickcharney</i>)	Trawls (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Ligurian Sea and North Tyrrhenian Sea, Southern and Central Tyrrhenian Sea, Sardinia, Southern Sicily, Northern Adriatic, Southern Adriatic, Western Ionian Sea			

Ivory Coast

Export Fisheries

Groundfishes nei (<i>Osteichthyes</i>), Haddock (<i>Melanogrammus aeglefinus</i>), Hakes nei (<i>Merluccius</i> spp), Northern cods nei (<i>Gadus</i> spp), Saithe(=Pollock) (<i>Pollachius virens</i>), Tusk(=Cusk) (<i>Brosme brosme</i>)	Purse seines, (Demersal)	Number of Vessels: none provided, Licenses: 41, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:34 Atlantic Eastern Central),34.3.4,None provided			
Anchovies nei (<i>Engraulis</i> spp), Herrings/sardines nei (<i>Clupeidae</i>)	Purse seines, (Pelagic)	Number of Vessels: none provided, Licenses: 21, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:34 Atlantic Eastern Central),34.3.4,None provided			
Lobsters nei (<i>Reptantia</i>), Marine crustaceans nei (<i>Crustacea</i>)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	None provided			

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
African mud shrimp (<i>Solenocera africana</i>), African spider shrimp (<i>Nematocarcinus africanus</i>), Armed nylon shrimp (<i>Heterocarpus ensifer</i>), Caramote prawn (<i>Melicertus kerathurus</i>), Companion shrimp (<i>Exhippolysmata hastatoides</i>), Deep-water rose shrimp (<i>Parapenaeus longirostris</i>), Golden shrimp (<i>Plesionika martia</i>), Guinea shrimp (<i>Parapenaeopsis atlantica</i>), Hardshell shrimp (<i>Pontocaris lacazei</i>), Kangaroo shrimp (<i>Glyphus marsupialis</i>), Mediterranean rock shrimp (<i>Sicyonia carinata</i>), Narwal shrimp (<i>Parapandalus narval</i>), Scarlet shrimp (<i>Plesiopenaeus edwardsianus</i>), Southern pink shrimp (<i>Penaeus notialis</i>), Striped red shrimp (<i>Aristeus varidens</i>), Tufted rock shrimp (<i>Sicyonia galeata</i>), West African estuarine prawn (<i>Nematopalaemon hastatus</i>), marine shrimps nei	Beach seines, (Bottom), Bottom trawls (not specified), (Bottom), Trawls (not specified), (Bottom)	UNKNOWN	EEZ,(FAO:34 Atlantic Eastern Central),34.3.4,Atlantic, Eastern Central (FAO Area 34) lagoon areas			
Albacore (<i>Thunnus alalunga</i>), Atlantic bonito (<i>Sarda sarda</i>), Atlantic sailfish (<i>Istiophorus albicans</i>), Atlantic white marlin (<i>Tetrapturus albidus</i>), Bigeye tuna (<i>Thunnus obesus</i>), Blackfin tuna (<i>Thunnus atlanticus</i>), Blue marlin (<i>Makaira nigricans</i>), Dogtooth tuna (<i>Gymnosarda unicolor</i>), Frigate tuna (<i>Auxis thazard</i>), Leaping bonito (<i>Cybiosarda elegans</i>), Oilfish (<i>Ruvettus pretiosus</i>), Skipjack tuna (<i>Katsuwonus pelamis</i>), Swordfish (<i>Xiphias gladius</i>), Yellowfin tuna (<i>Thunnus albacares</i>)	Longlines (not specified), (Pelagic), Purse seines, (Pelagic)	Number of Vessels: none provided, Licenses: 57, Participants: none provided, Aquaculture Facilities: none provided	EEZ,Mauritania,(FAO:34 Atlantic Eastern Central),34.1.32, 34.3.11, 34.3.4			COMHAF AT,FCWC ,ICCAT
Marine molluscs nei (Mollusca)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	None provided			

Jamaica

Exempt Fisheries						
Sea cucumbers nei (Holothuroidea)	Diving (SCUBA and/or free-diving), (Bottom)	Number of Vessels: 5, Licenses: 5, Participants: none provided, Aquaculture Facilities: nil	EEZ,(FAO:31 Atlantic Western Central),Pedro Bank	Dolphin unspecified (STOCK NOT SPECIFIED)	Dolphin unspecified (STOCK NOT SPECIFIED): NOT PROVIDED	
Caribbean spiny lobster (<i>Panulirus argus</i>), Spotted spiny lobster (<i>Panulirus guttatus</i>)	Pots/traps, (Bottom)	Number of Vessels: 515, Licenses: 515, Participants: none provided, Aquaculture Facilities: Nil	EEZ,(FAO:31 Atlantic Western Central),Pedro bank mainly; Island shelf; proximal banks	Dolphin unspecified (STOCK NOT SPECIFIED)	Dolphin unspecified (STOCK NOT SPECIFIED): NOT PROVIDED	
Marine molluscs nei (Mollusca), Queen conch (<i>Strombus gigas</i>)	Diving (SCUBA and/or free-diving), (Bottom), Diving (hookah or aided), (Bottom)	Number of Vessels: Nil, Licenses: Nil, Participants: Nil, Aquaculture Facilities: Nil	EEZ,(FAO:31 Atlantic Western Central),Pedro bank mainly; Island shelf	Dolphin unspecified (STOCK NOT SPECIFIED)	Dolphin unspecified (STOCK NOT SPECIFIED): NOT PROVIDED	

Japan

Exempt Fisheries						
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Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Atlantic salmon (<i>Salmo salar</i>), Blackhead seabream (<i>Acanthopagrus schlegelii</i>), Blackhead seabream (<i>Acanthopagrus schlegelii</i>), Filefishes nei (<i>Cantherhines</i> (=Navodon) spp), Finfishes nei (<i>Osteichthyes</i>), Groupers nei (<i>Epinephelus</i> spp), Groupers/seabasses nei (<i>Serranidae</i>), Grunts nei (<i>Haemulon</i> spp), Horsehead tilefish (<i>Branchiostegus japonicus</i>), Horsehead tilefish (<i>Branchiostegus japonicus</i>), Japanese jack mackerel (<i>Trachurus japonicus</i>), Japanese rockfish (<i>Sebastes inermis</i>), Japanese seabass (<i>Lateolabrax japonicus</i>), Largescale blackfish (<i>Girella punctata</i>), Leopard coralgrouper (<i>Plectropomus leopardus</i>), Lethrinus spp (<i>Lethrinus</i> spp), Lethrinus spp (<i>Lethrinus</i> spp), Oplegnathus fasciatus (<i>Oplegnathus fasciatus</i>), Oplegnathus fasciatus (<i>Oplegnathus fasciatus</i>), Pacific chub mackerel (<i>Scomber japonicus</i>), Pacific salmones nei (<i>Oncorhynchus</i> spp), Porgies/seabreams nei (<i>Sparidae</i>), Porgies/seabreams nei (<i>Sparidae</i>), Pufferfishes nei (<i>Takifugu</i> spp), Rainbow trout (<i>Oncorhynchus mykiss</i>), Sockeye(=Red) salmon (<i>Oncorhynchus nerka</i>), Spangled emperor (<i>Lethrinus nebulosus</i>), Spangled emperor (<i>Lethrinus nebulosus</i>), Spotted knifejaw (<i>Oplegnathus punctatus</i>), Spotted knifejaw (<i>Oplegnathus punctatus</i>), Tiger pufferfish (<i>Takifugu rubripes</i>), Trouts nei (<i>Salmo</i> spp), White trevally (<i>Pseudocaranx dentex</i>), salmon roe	Aquaculture (cages, net pens), (Surface), Aquaculture (inland), (Surface), Aquaculture (ponds), (Surface), Aquaculture (rafts, mats), (Surface)	Number of Vessels: 36, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Japan Sea			
Atlantic salmon (<i>Salmo salar</i>), Blackhead seabream (<i>Acanthopagrus schlegelii</i>), Filefishes nei (<i>Cantherhines</i> (=Navodon) spp), Finfishes nei (<i>Osteichthyes</i>), Groupers nei (<i>Epinephelus</i> spp), Groupers/seabasses nei (<i>Serranidae</i>), Grunts nei (<i>Haemulon</i> spp), Horsehead tilefish (<i>Branchiostegus japonicus</i>), Japanese jack mackerel (<i>Trachurus japonicus</i>), Japanese rockfish (<i>Sebastes inermis</i>), Japanese seabass (<i>Lateolabrax japonicus</i>), Largescale blackfish (<i>Girella punctata</i>), Leopard coralgrouper (<i>Plectropomus leopardus</i>), Leopard coralgrouper (<i>Plectropomus leopardus</i>), Lethrinus spp (<i>Lethrinus</i> spp), Oplegnathus fasciatus (<i>Oplegnathus fasciatus</i>), Oplegnathus fasciatus (<i>Oplegnathus fasciatus</i>), Pacific chub mackerel (<i>Scomber japonicus</i>), Pacific salmones nei (<i>Oncorhynchus</i> spp), Porgies/seabreams nei (<i>Sparidae</i>), Pufferfishes nei (<i>Takifugu</i> spp), Rainbow trout (<i>Oncorhynchus mykiss</i>), Sockeye(=Red) salmon (<i>Oncorhynchus nerka</i>), Spangled emperor (<i>Lethrinus nebulosus</i>), Spotted knifejaw (<i>Oplegnathus punctatus</i>), Tiger pufferfish (<i>Takifugu rubripes</i>), Trouts nei (<i>Salmo</i> spp), White trevally (<i>Pseudocaranx dentex</i>), salmon roe	Aquaculture (cages, net pens), (Surface), Aquaculture (inland), (Surface), Aquaculture (ponds), (Surface), Aquaculture (rafts, mats), (Surface)	Number of Vessels: 316, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Eastern China Sea			
Atlantic salmon (<i>Salmo salar</i>), Blackhead seabream (<i>Acanthopagrus schlegelii</i>), Filefishes nei (<i>Cantherhines</i> (=Navodon) spp), Finfishes nei (<i>Osteichthyes</i>), Groupers nei (<i>Epinephelus</i> spp), Groupers/seabasses nei (<i>Serranidae</i>), Grunts nei (<i>Haemulon</i> spp), Horsehead tilefish (<i>Branchiostegus japonicus</i>), Japanese jack mackerel (<i>Trachurus japonicus</i>), Japanese rockfish (<i>Sebastes inermis</i>), Japanese seabass (<i>Lateolabrax japonicus</i>), Largescale blackfish (<i>Girella punctata</i>), Leopard coralgrouper (<i>Plectropomus leopardus</i>), Lethrinus spp (<i>Lethrinus</i> spp), Oplegnathus fasciatus (<i>Oplegnathus fasciatus</i>), Oplegnathus fasciatus (<i>Oplegnathus fasciatus</i>), Pacific chub mackerel (<i>Scomber japonicus</i>), Pacific salmones nei (<i>Oncorhynchus</i> spp), Porgies/seabreams nei (<i>Sparidae</i>), Pufferfishes nei (<i>Takifugu</i> spp), Rainbow trout (<i>Oncorhynchus mykiss</i>), Sockeye(=Red) salmon (<i>Oncorhynchus nerka</i>), Spangled emperor (<i>Lethrinus nebulosus</i>), Spotted knifejaw (<i>Oplegnathus punctatus</i>), Tiger pufferfish (<i>Takifugu rubripes</i>), Trouts nei (<i>Salmo</i> spp), White trevally (<i>Pseudocaranx dentex</i>), salmon roe	Aquaculture (cages, net pens), (Surface), Aquaculture (inland), (Surface), Aquaculture (ponds), (Surface), Aquaculture (rafts, mats), (Surface)	Number of Vessels: 73, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Inland Sea			
toothfishes nei (<i>Dissostichus</i> spp)	Longlines (not specified), (Bottom)	Number of Vessels: 1, Licenses: 1, Participants: none provided, Aquaculture Facilities: none provided	High Seas,(FAO:48 Atlantic Antarctic, FAO:47 Atlantic Southeast, FAO:88 Pacific Antarctic),CCAMLR convention areaSEAFO convention areaSIOFA convention area			CCAMLR, SEAFO,SI OFA

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Yesso scallop (<i>Patinopecten yessoensis</i>)	Dredges (not specified), (Bottom)	Number of Vessels: 345, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Hokkaido prefecture	Dall's porpoise, Dall porpoise (Dalli type stock) Seal unspecified (STOCK NOT SPECIFIED)	Dall's porpoise, Dall porpoise (Dalli type stock): NOT PROVIDED Seal unspecified (STOCK NOT SPECIFIED): NOT PROVIDED	
Yellowtail amberjack (<i>Seriola lalandi</i>)	Lift nets (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			
Pacific saury (<i>Cololabis saira</i>)	dip nets, (Surface)	Number of Vessels: none provided, Licenses: 174, Participants: none provided, Aquaculture Facilities: none provided	High Seas,EEZ,Russia,(FAO:61 Pacific Northwest),North Pacific	Common bottlenose dolphin (Western NP) Common minke whale (Around JPN) Dall's porpoise, Dall porpoise (Dalli type stock) False killer whale (Western NP) Fin whale (STOCK NOT SPECIFIED) Harbor porpoise (STOCK NOT SPECIFIED) Humpback whale (North Pacific) Killer whale, orca (North Pacific) Melon-headed whale, Electra dolphin (Western NP) Risso's dolphin, grampus (Western NP) Striped dolphin (Western NP)	Common bottlenose dolphin (Western NP): NOT PROVIDED Common minke whale (Around JPN): NOT PROVIDED Dall's porpoise, Dall porpoise (Dalli type stock): NOT PROVIDED False killer whale (Western NP): NOT PROVIDED Fin whale (STOCK NOT SPECIFIED): NOT PROVIDED Harbor porpoise (STOCK NOT SPECIFIED): NOT PROVIDED Humpback whale (North Pacific): NOT PROVIDED Killer whale, orca (North Pacific): NOT PROVIDED Melon-headed whale, Electra dolphin (Western NP): NOT PROVIDED Risso's dolphin, grampus (Western NP): NOT PROVIDED Striped dolphin (Western NP): NOT PROVIDED	NPFC
Boreal clubhook squid (<i>Onychoteuthis borealijaponica</i>), Cuttlefish/bobtail squids nei (Sepiidae, Sepiolidae), Diamondback squid (<i>Thysanoteuthis rhombus</i>), Various squids nei (Loliginidae, Ommastrephidae)	Jig, (Surface)	Number of Vessels: none provided, Licenses: 86, Participants: none provided, Aquaculture Facilities: none provided	High Seas,EEZ,Russia,(FAO:61 Pacific Northwest),Pacific, Japan Sea, East China Sea	Common bottlenose dolphin (Western NP) Common minke whale (Around JPN) Dall's porpoise, Dall porpoise (Dalli type stock) False killer whale (Western NP) Fin whale (STOCK NOT SPECIFIED) Finless porpoise unspecified (Coastal JPN) Harbor porpoise (STOCK NOT SPECIFIED) Humpback whale (North Pacific) Killer whale, orca (North Pacific) Melon-headed whale, Electra dolphin (Western NP) Risso's dolphin, grampus (Western NP) Striped dolphin (Western NP)	Common bottlenose dolphin (Western NP): NOT PROVIDED Common minke whale (Around JPN): NOT PROVIDED Dall's porpoise, Dall porpoise (Dalli type stock): NOT PROVIDED False killer whale (Western NP): NOT PROVIDED Fin whale (STOCK NOT SPECIFIED): NOT PROVIDED Finless porpoise unspecified (Coastal JPN): NOT PROVIDED Harbor porpoise (STOCK NOT SPECIFIED): NOT PROVIDED Humpback whale (North Pacific): NOT PROVIDED Killer whale, orca (North Pacific): NOT PROVIDED Melon-headed whale, Electra dolphin (Western NP): NOT PROVIDED Risso's dolphin, grampus (Western NP): NOT PROVIDED Striped dolphin (Western NP): NOT PROVIDED	NPFC
Anchovies nei (<i>Engraulis</i> spp), Flyingfishes nei (Exocoetidae), Herrings/sardines nei (Clupeidae)	Lift nets (not specified), (Midwater)	Number of Vessels: none provided, Licenses: 79, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Kagoshima prefecture	Baleen whale unspecified (STOCK NOT SPECIFIED) Common minke whale (Around JPN) Finless porpoise unspecified (Coastal JPN) Humpback whale (North Pacific)	Baleen whale unspecified (STOCK NOT SPECIFIED): NOT PROVIDED Common minke whale (Around JPN): NOT PROVIDED Finless porpoise unspecified (Coastal JPN): NOT PROVIDED Humpback whale (North Pacific): NOT PROVIDED	
Anchovies nei (<i>Engraulis</i> spp), Herrings/sardines nei (Clupeidae), Silver-stripe round herring (<i>Sprattelloides gracilis</i>)	dip nets, (Midwater)	Number of Vessels: none provided, Licenses: 7, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Kagoshima prefecture	Baleen whale unspecified (STOCK NOT SPECIFIED) Common minke whale (Around JPN) Finless porpoise unspecified (Coastal JPN) Humpback whale (North Pacific)	Baleen whale unspecified (STOCK NOT SPECIFIED): NOT PROVIDED Common minke whale (Around JPN): NOT PROVIDED Finless porpoise unspecified (Coastal JPN): NOT PROVIDED Humpback whale (North Pacific): NOT PROVIDED	
Blackspot/red seabream (<i>Pagellus bogaraveo</i>), Blue mackerel (<i>Scomber australasicus</i>), Greater amberjack (<i>Seriola dumerili</i>), Japanese amberjack (<i>Seriola quinqueradiata</i>), Japanese amberjack (<i>Seriola quinqueradiata</i>), Japanese jack mackerel (<i>Trachurus japonicus</i>), Largehead hairtail (<i>Trichiurus lepturus</i>), Pacific chub mackerel (<i>Scomber japonicus</i>)	Angling, (Midwater)	Number of Vessels: 3417, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Oita prefecture	Common bottlenose dolphin (Western NP) Common minke whale (Around JPN) Dolphin unspecified (STOCK NOT SPECIFIED) Fin whale (STOCK NOT SPECIFIED) Finless porpoise unspecified (Coastal JPN) Humpback whale (North Pacific)	Common bottlenose dolphin (Western NP): NOT PROVIDED Common minke whale (Around JPN): NOT PROVIDED Dolphin unspecified (STOCK NOT SPECIFIED): NOT PROVIDED Fin whale (STOCK NOT SPECIFIED): NOT PROVIDED Finless porpoise unspecified (Coastal JPN): NOT PROVIDED Humpback whale (North Pacific): NOT PROVIDED	

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Bastard halibut (<i>Paralichthys olivaceus</i>), Blackthroat seaperch (<i>Doederleinia berycoides</i>), Common dolphinfish (<i>Coryphaena hippurus</i>), Cuttlefish/bobtail squids nei (<i>Sepiidae</i> , <i>Sepiolidae</i>), Greater amberjack (<i>Seriola dumerili</i>), Groupers nei (<i>Epinephelus</i> spp), Groupers/seabasses nei (<i>Serranidae</i>), Grunts nei (<i>Haemulon</i> spp), Hairtails nei (<i>Trichiurus</i> spp), Jack and horse mackerels nei (<i>Trachurus</i> spp), Japanese amberjack (<i>Seriola quinqueradiata</i>), Japanese rockfish (<i>Sebastes inermis</i>), Largescale blackfish (<i>Girella punctata</i>), Mackerels nei (<i>Scombridae</i>), Porgies/seabreams nei (<i>Sparidae</i>), <i>Sebastes marmoratus</i> (<i>Sebastes marmoratus</i>), Skipjack tuna (<i>Katsuwonus pelamis</i>), Tilefishes nei (<i>Branchiostegidae</i>), Yellowtail amberjack (<i>Seriola lalandi</i>)	Angling, (Midwater)	Number of Vessels: 4219, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Nagasaki prefecture	Common bottlenose dolphin (Western NP) Common minke whale (Around JPN) Fin whale (STOCK NOT SPECIFIED) Finless porpoise unspecified (Coastal JPN) Humpback whale (North Pacific)	Common bottlenose dolphin (Western NP): NOT PROVIDED Common minke whale (Around JPN): NOT PROVIDED Fin whale (STOCK NOT SPECIFIED): NOT PROVIDED Finless porpoise unspecified (Coastal JPN): NOT PROVIDED Humpback whale (North Pacific): NOT PROVIDED	
Skipjack tuna (<i>Katsuwonus pelamis</i>)	Angling, (Surface)	Number of Vessels: 2, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Ehime prefecture	Risso's dolphin, grampus (Western NP) Striped dolphin (Western NP)	Risso's dolphin, grampus (Western NP): NOT PROVIDED Striped dolphin (Western NP): NOT PROVIDED	
Japanese rockfish (<i>Sebastes inermis</i>)	Angling, (Midwater)	Number of Vessels: 4440, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Ehime prefecture	Finless porpoise unspecified (Coastal JPN) Risso's dolphin, grampus (Western NP) Striped dolphin (Western NP)	Finless porpoise unspecified (Coastal JPN): NOT PROVIDED Risso's dolphin, grampus (Western NP): NOT PROVIDED Striped dolphin (Western NP): NOT PROVIDED	
Anchovies nei (<i>Engraulis</i> spp), Filefishes/leatherjackets nei (<i>Monacanthidae</i>), Herrings/sardines nei (<i>Clupeidae</i>), Jack and horse mackerels nei (<i>Trachurus</i> spp), Mackerels nei (<i>Scombridae</i>)	Lift nets (not specified), (Surface)	Number of Vessels: 219, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Ehime prefecture	Risso's dolphin, grampus (Western NP) Striped dolphin (Western NP)	Risso's dolphin, grampus (Western NP): NOT PROVIDED Striped dolphin (Western NP): NOT PROVIDED	
Sandeels(=Sandlances) nei (<i>Ammodytes</i> spp)	Lift nets (not specified), (Bottom)	Number of Vessels: 22, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Ehime prefecture	Finless porpoise unspecified (Coastal JPN) Risso's dolphin, grampus (Western NP) Striped dolphin (Western NP)	Finless porpoise unspecified (Coastal JPN): NOT PROVIDED Risso's dolphin, grampus (Western NP): NOT PROVIDED Striped dolphin (Western NP): NOT PROVIDED	

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Amberjacks nei (<i>Seriola</i> spp), Anchovies nei (<i>Engraulis</i> spp), Barracudas nei (<i>Sphyræna</i> spp), Biafra doctorfish (<i>Prionurus biafraensis</i>), Butterfishes nei (<i>Stromateus</i> spp), Carangids nei (<i>Carangidae</i>), Common dolphinfish (<i>Coryphaena hippurus</i>), Conger eels nei (<i>Conger</i> spp), Crescent sweetlips (<i>Plectorhinchus cinctus</i>), Croakers/drums nei (<i>Sciaenidae</i>), Cuttlefish/bobtail squids nei (<i>Sepiidae</i> , <i>Sepiolidae</i>), Daggertooth pike conger (<i>Muraenesox cinereus</i>), Demersal percomorphs nei (<i>Perciformes</i>), Diamondback squid (<i>Thysanoteuthis rhombus</i>), Dotted gizzard shad (<i>Konosirus punctatus</i>), Ernogrammus hexagrammus (<i>Ernogrammus hexagrammus</i>), Filefishes nei (<i>Cantherhines</i> (=Navodon) spp), Flatfishes nei (<i>Pleuronectiformes</i>), Flathead grey mullet (<i>Mugil cephalus</i>), Flatheads nei (<i>Platycephalidae</i>), Flutemouth (<i>Fistularia</i> spp), Flyingfishes nei (<i>Exocoetidae</i>), Greater amberjack (<i>Seriola dumerili</i>), Groupers nei (<i>Epinephelus</i> spp), Groupers/seabasses nei (<i>Serranidae</i>), Grunts nei (<i>Haemulon</i> spp), Grunts/sweetlips nei (<i>Haemulidae</i> (=Pomadasyidae)), Hairtails nei (<i>Trichiurus</i> spp), Half-smooth golden pufferfish (<i>Lagocephalus spadiceus</i>), Herrings/sardines nei (<i>Clupeidae</i>), Jack and horse mackerels nei (<i>Trachurus</i> spp), Japanese Spanish mackerel (<i>Scomberomorus niphonius</i>), Japanese eel (<i>Anguilla japonica</i>), Japanese parrotfish (<i>Calotomus japonicus</i>), Japanese rockfish (<i>Sebastes inermis</i>), Japanese whiting (<i>Sillago japonica</i>), John dory (<i>Zeus faber</i>), Kelp greenling (<i>Hexagrammos decagrammus</i>), Largescale blackfish (<i>Girella punctata</i>), Lizardfishes nei (<i>Synodontidae</i>), Mackerels nei (<i>Scombridae</i>), Mackerels nei (<i>Scombridae</i>), Marlins,sailfishes,etc. nei (<i>Istiophoridae</i>), Monkfishes nei (<i>Lophius</i> spp), Morwongs (<i>Nemadactylus</i> spp), Northern cods nei (<i>Gadus</i> spp), Octopuses nei (<i>Octopus</i> spp), Oplegnathus spp (<i>Oplegnathus</i> spp), Oplegnathus spp (<i>Oplegnathus</i> spp), Pacific rudderfish (<i>Psenopsis anomala</i>), Painted sweetlips (<i>Diagramma pictum</i>), Parapristipoma trilineatum (<i>Parapristipoma trilineatum</i>), Pilchards nei (<i>Sardinops</i> spp), Porgies/seabreams nei (<i>Sparidae</i>), Pufferfishes nei (<i>Takifugu</i> spp), Puffers nei (<i>Tetraodontidae</i>), Red-eye round herring (<i>Etrumeus teres</i>), Righteye flounders nei (<i>Pleuronectidae</i>), Scads nei (<i>Decapterus</i> spp), Scorpionfishes/gurnards nei (<i>Scorpaeniformes</i>), Scorpionfishes/gurnards nei (<i>Scorpaeniformes</i>),	Angling, (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: 1184, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Fukuoka prefecture	Common bottlenose dolphin (Western NP) Common minke whale (Around JPN)	Common bottlenose dolphin (Western NP): NOT PROVIDED Common minke whale (Around JPN): NOT PROVIDED	
Jack and horse mackerels nei (<i>Trachurus</i> spp), Japanese jack mackerel (<i>Trachurus japonicus</i>)	Lift nets (not specified), (Surface)	Number of Vessels: 5, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Fukuoka prefecture	Common bottlenose dolphin (Western NP) Common minke whale (Around JPN) Finless porpoise unspecified (Coastal JPN)	Common bottlenose dolphin (Western NP): NOT PROVIDED Common minke whale (Around JPN): NOT PROVIDED Finless porpoise unspecified (Coastal JPN): NOT PROVIDED	
Jack and horse mackerels nei (<i>Trachurus</i> spp), marine shrimps nei	Lift nets (not specified), (Midwater)	Number of Vessels: none provided, Licenses: none provided, Participants: 32, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Fukuoka prefecture	Common bottlenose dolphin (Western NP) Common minke whale (Around JPN)	Common bottlenose dolphin (Western NP): NOT PROVIDED Common minke whale (Around JPN): NOT PROVIDED	
Groupers/seabasses nei (<i>Serranidae</i>)	Beach seines, (Surface)	Number of Vessels: 14, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Fukuoka prefecture	Common bottlenose dolphin (Western NP) Common minke whale (Around JPN) Dolphin unspecified (STOCK NOT SPECIFIED) Finless porpoise unspecified (Coastal JPN)	Common bottlenose dolphin (Western NP): NOT PROVIDED Common minke whale (Around JPN): NOT PROVIDED Dolphin unspecified (STOCK NOT SPECIFIED): NOT PROVIDED Finless porpoise unspecified (Coastal JPN): NOT PROVIDED	
Pacific bluefin tuna (<i>Thunnus orientalis</i>), Skipjack tuna (<i>Katsuwonus pelamis</i>)	Angling, (Surface)	Number of Vessels: 217, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Tokushima prefecture	Common minke whale (Around JPN) Striped dolphin (Western NP)	Common minke whale (Around JPN): NOT PROVIDED Striped dolphin (Western NP): NOT PROVIDED	

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Pacific saury (<i>Cololabis saira</i>)	dip nets, (Surface)	Number of Vessels: 28, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	High Seas,EEZ,(FAO:61 Pacific Northwest),Iwate prefecture	Common bottlenose dolphin (Western NP) Common minke whale (Around JPN) Fin whale (STOCK NOT SPECIFIED) Fur seal unspecified (STOCK NOT SPECIFIED)	Common bottlenose dolphin (Western NP): NOT PROVIDED Common minke whale (Around JPN): NOT PROVIDED Fin whale (STOCK NOT SPECIFIED): NOT PROVIDED Fur seal unspecified (STOCK NOT SPECIFIED): NOT PROVIDED	
Pacific saury (<i>Cololabis saira</i>)	dip nets, (Midwater)	Number of Vessels: 308, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Hokkaido prefecture	Common minke whale (Around JPN) Dall's porpoise, Dall porpoise (Dalli type stock) Fur seal unspecified (STOCK NOT SPECIFIED) Harbor porpoise (STOCK NOT SPECIFIED) Humpback whale (North Pacific) Sea lion unspecified (STOCK NOT SPECIFIED) Seal unspecified (STOCK NOT SPECIFIED) Striped dolphin (Western NP)	Common minke whale (Around JPN): NOT PROVIDED Dall's porpoise, Dall porpoise (Dalli type stock): NOT PROVIDED Fur seal unspecified (STOCK NOT SPECIFIED): NOT PROVIDED Harbor porpoise (STOCK NOT SPECIFIED): NOT PROVIDED Humpback whale (North Pacific): NOT PROVIDED Sea lion unspecified (STOCK NOT SPECIFIED): NOT PROVIDED Seal unspecified (STOCK NOT SPECIFIED): NOT PROVIDED Striped dolphin (Western NP): NOT PROVIDED	
Abalones nei (<i>Haliotis</i> spp), Anadara clams nei (<i>Anadara</i> spp), Brittle pen shell (<i>Atrina fragilis</i>), Carpet shells nei (<i>Ruditapes</i> spp), Hard clams nei (<i>Meretrix</i> spp), Japanese corbicula (<i>Corbicula japonica</i>), Octopuses nei (<i>Octopus</i> spp), Scapharca spp (<i>Scapharca</i> spp), Sea cucumbers nei (<i>Holothuroidea</i>), Sea mustard (<i>Caulerpa brachypus</i>), Sea urchins nei (<i>Strongylocentrotus</i> spp), Sea urchins/etc. nei (<i>Echinoidea</i>), Seaweeds nei (<i>Algae</i>), Turban shells nei (<i>Ex Turbo</i> spp)	Diving (SCUBA and/or free-diving), (Bottom), Hand collection, (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: 2623, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Fukuoka prefecture	Common bottlenose dolphin (Western NP) Common minke whale (Around JPN)	Common bottlenose dolphin (Western NP): NOT PROVIDED Common minke whale (Around JPN): NOT PROVIDED	
Skipjack tuna (<i>Katsuwonus pelamis</i>), Tunas nei (<i>Thunnini</i>)	Handlines and hand-operated pole-and-lines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Pacific Ocean, Indian Ocean, Atlantic Ocean			
Skipjack tuna (<i>Katsuwonus pelamis</i>), Tunas nei (<i>Thunnini</i>)	Purse seines, (Midwater)	Number of Vessels: 35, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	High Seas,Kiribati,Marshall Islands,Nauru,Palau,Papua New Guinea,Solomon Islands,Tuvalu,(FAO:57 Indian Ocean Eastern, FAO:61 Pacific Northwest, FAO:81 Pacific Southwest, FAO:71 Pacific Western Central),Western and central Pacific, Indian Ocean	Common bottlenose dolphin (Western NP) Common minke whale (Around JPN) Dall's porpoise, Dall porpoise (Dalli type stock) Fin whale (STOCK NOT SPECIFIED) Humpback whale (North Pacific) Melon-headed whale, Electra dolphin (Western NP) Risso's dolphin, grampus (Western NP) Striped dolphin (Western NP)	Common bottlenose dolphin (Western NP): NOT PROVIDED Common minke whale (Around JPN): NOT PROVIDED Dall's porpoise, Dall porpoise (Dalli type stock): NOT PROVIDED Fin whale (STOCK NOT SPECIFIED): NOT PROVIDED Humpback whale (North Pacific): NOT PROVIDED Melon-headed whale, Electra dolphin (Western NP): NOT PROVIDED Risso's dolphin, grampus (Western NP): NOT PROVIDED Striped dolphin (Western NP): NOT PROVIDED	IOTC,WC PFC
Mackerels nei (<i>Scombridae</i>), Tunas nei (<i>Thunnini</i>)	Purse seines, (Pelagic)	Number of Vessels: none provided, Licenses: 85, Participants: none provided, Aquaculture Facilities: none provided	High Seas,EEZ,(FAO:61 Pacific Northwest),WCPFC convention area (Western and central Pacific Ocean, Japan Sea, East China Sea and Yellow Sea)	Common bottlenose dolphin (Western NP) Common minke whale (Around JPN) Dall's porpoise, Dall porpoise (Dalli type stock) Fin whale (STOCK NOT SPECIFIED) Humpback whale (North Pacific) Melon-headed whale, Electra dolphin (Western NP) Risso's dolphin, grampus (Western NP) Striped dolphin (Western NP)	Common bottlenose dolphin (Western NP): NOT PROVIDED Common minke whale (Around JPN): NOT PROVIDED Dall's porpoise, Dall porpoise (Dalli type stock): NOT PROVIDED Fin whale (STOCK NOT SPECIFIED): NOT PROVIDED Humpback whale (North Pacific): NOT PROVIDED Melon-headed whale, Electra dolphin (Western NP): NOT PROVIDED Risso's dolphin, grampus (Western NP): NOT PROVIDED Striped dolphin (Western NP): NOT PROVIDED	WCPFC

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Anchovies/etc. nei (Engraulidae), Carangids nei (Carangidae), Cuttlefish/bobtail squids nei (Sepiidae, Sepiolidae), Herrings/sardines nei (Clupeidae), Mackerels nei (Scombridae), Various squids nei (Loliginidae, Ommastrephidae)	Purse seines, (Pelagic)	Number of Vessels: none provided, Licenses: 85, Participants: none provided, Aquaculture Facilities: none provided	High Seas,EEZ,China,South Korea,(FAO:61 Pacific Northwest),Western and central Pacific Ocean, Japan Sea, East China Sea and Yellow Sea	Common bottlenose dolphin (Western NP) Common minke whale (Around JPN) Dall's porpoise, Dall porpoise (Dalli type stock) False killer whale (Western NP) Fin whale (STOCK NOT SPECIFIED) Finless porpoise unspecified (Coastal JPN) Harbor porpoise (STOCK NOT SPECIFIED) Humpback whale (North Pacific) Killer whale, orca (North Pacific) Melon-headed whale, Electra dolphin (Western NP) Risso's dolphin, grampus (Western NP) Striped dolphin (Western NP)	Common bottlenose dolphin (Western NP): NOT PROVIDED Common minke whale (Around JPN): NOT PROVIDED Dall's porpoise, Dall porpoise (Dalli type stock): NOT PROVIDED False killer whale (Western NP): NOT PROVIDED Fin whale (STOCK NOT SPECIFIED): NOT PROVIDED Finless porpoise unspecified (Coastal JPN): NOT PROVIDED Harbor porpoise (STOCK NOT SPECIFIED): NOT PROVIDED Humpback whale (North Pacific): NOT PROVIDED Killer whale, orca (North Pacific): NOT PROVIDED Melon-headed whale, Electra dolphin (Western NP): NOT PROVIDED Risso's dolphin, grampus (Western NP): NOT PROVIDED Striped dolphin (Western NP): NOT PROVIDED	NPFC
Scallops nei (Pectinidae), Yesso scallop (Patinopecten yessoensis)	Aquaculture (basket), (Surface), Aquaculture (cages, net pens), (Surface), Aquaculture (hanging), (Surface), Aquaculture (mussel sock), (Surface)	Number of Vessels: 947, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Pacific Ocean			
Scallops nei (Pectinidae), Yesso scallop (Patinopecten yessoensis)	Aquaculture (basket), (Surface), Aquaculture (cages, net pens), (Surface), Aquaculture (hanging), (Surface), Aquaculture (mussel sock), (Surface)	Number of Vessels: 1508, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Japan Sea			
Ariake cupped oyster (Crassostrea ariakensis), Coral rock oyster (Saccostrea mordax), Cupped oysters nei (Crassostrea spp), Flat and cupped oysters nei (Ostreidae), Flat oysters nei (Ostrea spp), Japanese flat oyster (Ostrea denselamellosa), Kegaki oyster (Saccostrea kegaki), Kumamoto oyster (Crassostrea sikamea), Pacific cupped oyster (Crassostrea gigas), Spiny rock oyster (Saccostrea echinata)	Aquaculture (basket), (Surface), Aquaculture (cages, net pens), (Surface), Aquaculture (hanging), (Surface), Aquaculture (mussel sock), (Surface)	Number of Vessels: 485, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Pacific Ocean			
Ariake cupped oyster (Crassostrea ariakensis), Coral rock oyster (Saccostrea mordax), Cupped oysters nei (Crassostrea spp), Flat and cupped oysters nei (Ostreidae), Flat oysters nei (Ostrea spp), Japanese flat oyster (Ostrea denselamellosa), Kegaki oyster (Saccostrea kegaki), Kumamoto oyster (Crassostrea sikamea), Pacific cupped oyster (Crassostrea gigas), Spiny rock oyster (Saccostrea echinata)	Aquaculture (basket), (Surface), Aquaculture (cages, net pens), (Surface), Aquaculture (hanging), (Surface), Aquaculture (mussel sock), (Surface)	Number of Vessels: 164, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Japan Sea			

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Ariake cupped oyster (<i>Crassostrea ariakensis</i>), Coral rock oyster (<i>Saccostrea mordax</i>), Cupped oysters nei (<i>Crassostrea</i> spp), Flat and cupped oysters nei (<i>Ostreidae</i>), Flat oysters nei (<i>Ostrea</i> spp), Japanese flat oyster (<i>Ostrea denselamellosa</i>), Kegaki oyster (<i>Saccostrea kegaki</i>), Kumamoto oyster (<i>Crassostrea sikamea</i>), Pacific cupped oyster (<i>Crassostrea gigas</i>), Spiny rock oyster (<i>Saccostrea echinata</i>)	Aquaculture (basket), (Surface), Aquaculture (cages, net pens), (Surface), Aquaculture (hanging), (Surface), Aquaculture (mussel sock), (Surface)	Number of Vessels: 165, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Eastern China Sea			
Ariake cupped oyster (<i>Crassostrea ariakensis</i>), Coral rock oyster (<i>Saccostrea mordax</i>), Cupped oysters nei (<i>Crassostrea</i> spp), Flat and cupped oysters nei (<i>Ostreidae</i>), Flat oysters nei (<i>Ostrea</i> spp), Japanese flat oyster (<i>Ostrea denselamellosa</i>), Kegaki oyster (<i>Saccostrea kegaki</i>), Kumamoto oyster (<i>Crassostrea sikamea</i>), Pacific cupped oyster (<i>Crassostrea gigas</i>), Pearl oysters nei (<i>Pinctada</i> spp), Spiny rock oyster (<i>Saccostrea echinata</i>)	Aquaculture (basket), (Surface), Aquaculture (cages, net pens), (Surface), Aquaculture (hanging), (Surface), Aquaculture (mussel sock), (Surface)	Number of Vessels: 1150, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Inland Sea			
Abalones nei (<i>Haliotis</i> spp), Anadara clams nei (<i>Anadara</i> spp), Carpet shells nei (<i>Ruditapes</i> spp), Chinese trough shell (<i>Mactra chinensis</i>), Chlamys spp (<i>Chlamys</i> spp), Clams/etc. nei (<i>Bivalvia</i>), Cockles nei (<i>Cardiidae</i>), Comb pen shell (<i>Atrina pectinata</i>), Farrer's scallop (<i>Chlamys farreri</i>), Farrer's scallop (<i>Chlamys farreri</i>), Giant abalone (<i>Haliotis gigantea</i>), Hard clams nei (<i>Meretrix</i> spp), Horned turban (<i>Turbo cornutus</i>), Inflated ark (<i>Scapharca broughtonii</i>), Japanese abalone (<i>Haliotis discus</i>), Japanese baking scallop (<i>Pecten albicans</i>), Japanese carpet shell (<i>Ruditapes philippinarum</i>), Japanese cockle (<i>Fulvia mutica</i>), Japanese corbicula (<i>Corbicula japonica</i>), Japanese hard clam (<i>Meretrix lusoria</i>), Japanese pearl oyster (<i>Pinctada fucata</i>), <i>Mytilus</i> mussels nei (<i>Mytilus</i> spp), Pacific horse clams nei (<i>Tresus</i> spp), Pen shells nei (<i>Atrina</i> spp), Purple butter clam (<i>Saxidomus purpurata</i>), Saucer scallop (<i>Amusium japonicum</i>), Turban shells nei (<i>Ex Turbo</i> spp), Turbans nei (<i>Turbo</i> spp)	Aquaculture (basket), (Surface), Aquaculture (cages, net pens), (Surface), Aquaculture (coastal - shellfish beds), (Benthic), Aquaculture (hanging), (Surface), Aquaculture (inland), (Surface), Aquaculture (mussel sock), (Surface)	Number of Vessels: 64, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Pacific Ocean			
Abalones nei (<i>Haliotis</i> spp), Anadara clams nei (<i>Anadara</i> spp), Carpet shells nei (<i>Ruditapes</i> spp), Chinese trough shell (<i>Mactra chinensis</i>), Chlamys spp (<i>Chlamys</i> spp), Clams/etc. nei (<i>Bivalvia</i>), Cockles nei (<i>Cardiidae</i>), Comb pen shell (<i>Atrina pectinata</i>), Farrer's scallop (<i>Chlamys farreri</i>), Giant abalone (<i>Haliotis gigantea</i>), Hard clams nei (<i>Meretrix</i> spp), Horned turban (<i>Turbo cornutus</i>), Inflated ark (<i>Scapharca broughtonii</i>), Japanese abalone (<i>Haliotis discus</i>), Japanese baking scallop (<i>Pecten albicans</i>), Japanese cockle (<i>Fulvia mutica</i>), Japanese corbicula (<i>Corbicula japonica</i>), Japanese hard clam (<i>Meretrix lusoria</i>), Japanese pearl oyster (<i>Pinctada fucata</i>), <i>Mytilus</i> mussels nei (<i>Mytilus</i> spp), Pacific horse clams nei (<i>Tresus</i> spp), Pen shells nei (<i>Atrina</i> spp), Purple butter clam (<i>Saxidomus purpurata</i>), Saucer scallop (<i>Amusium japonicum</i>), Turban shells nei (<i>Ex Turbo</i> spp), Turbans nei (<i>Turbo</i> spp)	Aquaculture (basket), (Surface), Aquaculture (cages, net pens), (Surface), Aquaculture (coastal - shellfish beds), (Benthic), Aquaculture (hanging), (Surface), Aquaculture (inland), (Surface), Aquaculture (mussel sock), (Surface)	Number of Vessels: 18, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Japan Sea			

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Abalones nei (<i>Haliotis</i> spp), Anadara clams nei (<i>Anadara</i> spp), Carpet shells nei (<i>Ruditapes</i> spp), Chinese trough shell (<i>Mactra chinensis</i>), Chlamys spp (<i>Chlamys</i> spp), Clams/etc. nei (<i>Bivalvia</i>), Cockles nei (<i>Cardiidae</i>), Comb pen shell (<i>Atrina pectinata</i>), Farrer's scallop (<i>Chlamys farreri</i>), Giant abalone (<i>Haliotis gigantea</i>), Hard clams nei (<i>Meretrix</i> spp), Horned turban (<i>Turbo cornutus</i>), Inflated ark (<i>Scapharca broughtonii</i>), Japanese abalone (<i>Haliotis discus</i>), Japanese baking scallop (<i>Pecten albicans</i>), Japanese carpet shell (<i>Ruditapes philippinarum</i>), Japanese cockle (<i>Fulvia mutica</i>), Japanese corbicula (<i>Corbicula japonica</i>), Japanese hard clam (<i>Meretrix lusoria</i>), Japanese pearl oyster (<i>Pinctada fucata</i>), <i>Mytilus</i> mussels nei (<i>Mytilus</i> spp), Pacific horse clams nei (<i>Tresus</i> spp), Pen shells nei (<i>Atrina</i> spp), Purple butter clam (<i>Saxidomus purpurata</i>), Saucer scallop (<i>Amusium japonicum</i>), Trough shells nei (<i>Mactra</i> spp), Turban shells nei (<i>Ex Turbo</i> spp), Turbans nei (<i>Turbo</i> spp)	Aquaculture (basket), (Surface), Aquaculture (cages, net pens), (Surface), Aquaculture (coastal - shellfish beds), (Benthic), Aquaculture (hanging), (Surface), Aquaculture (inland), (Surface), Aquaculture (mussel sock), (Surface)	Number of Vessels: 39, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Eastern China Sea	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Abalones nei (<i>Haliotis</i> spp), Anadara clams nei (<i>Anadara</i> spp), Carpet shells nei (<i>Ruditapes</i> spp), Chinese trough shell (<i>Mactra chinensis</i>), Chlamys spp (<i>Chlamys</i> spp), Clams/etc. nei (<i>Bivalvia</i>), Cockles nei (<i>Cardiidae</i>), Comb pen shell (<i>Atrina pectinata</i>), Farrer's scallop (<i>Chlamys farreri</i>), Giant abalone (<i>Haliotis gigantea</i>), Hard clams nei (<i>Meretrix</i> spp), Horned turban (<i>Turbo cornutus</i>), Inflated ark (<i>Scapharca broughtonii</i>), Japanese abalone (<i>Haliotis discus</i>), Japanese baking scallop (<i>Pecten albicans</i>), Japanese carpet shell (<i>Ruditapes philippinarum</i>), Japanese cockle (<i>Fulvia mutica</i>), Japanese corbicula (<i>Corbicula japonica</i>), Japanese hard clam (<i>Meretrix lusoria</i>), Japanese pearl oyster (<i>Pinctada fucata</i>), <i>Mytilus</i> mussels nei (<i>Mytilus</i> spp), Pacific horse clams nei (<i>Tresus</i> spp), Pearl oysters nei (<i>Pinctada</i> spp), Pen shells nei (<i>Atrina</i> spp), Purple butter clam (<i>Saxidomus purpurata</i>), Saucer scallop (<i>Amusium japonicum</i>), Trough shells nei (<i>Mactra</i> spp), Turban shells nei (<i>Ex Turbo</i> spp), Turbans nei (<i>Turbo</i> spp)	Aquaculture (basket), (Surface), Aquaculture (cages, net pens), (Surface), Aquaculture (coastal - shellfish beds), (Benthic), Aquaculture (hanging), (Surface), Aquaculture (inland), (Surface), Aquaculture (mussel sock), (Surface)	Number of Vessels: 21, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Inland Sea	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Giant tiger prawn (<i>Penaeus monodon</i>), Greasyback shrimp (<i>Metapenaeus ensis</i>), Green tiger prawn (<i>Penaeus semisulcatus</i>), Kuruma prawn (<i>Penaeus japonicus</i>), <i>Metapenaeus</i> shrimps nei (<i>Metapenaeus</i> spp), <i>Penaeus</i> shrimps nei (<i>Penaeus</i> spp), Shiba shrimp (<i>Metapenaeus joyneri</i>), Whiteleg shrimp (<i>Penaeus vannamei</i>), marine shrimps nei	Aquaculture (inland), (Surface), Aquaculture (ponds), (Benthic)	Number of Vessels: 4, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Eastern China Sea	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Giant tiger prawn (<i>Penaeus monodon</i>), Greasyback shrimp (<i>Metapenaeus ensis</i>), Green tiger prawn (<i>Penaeus semisulcatus</i>), Kuruma prawn (<i>Penaeus japonicus</i>), <i>Metapenaeus</i> shrimps nei (<i>Metapenaeus</i> spp), <i>Penaeus</i> shrimps nei (<i>Penaeus</i> spp), Shiba shrimp (<i>Metapenaeus joyneri</i>), Whiteleg shrimp (<i>Penaeus vannamei</i>), marine shrimps nei	Aquaculture (inland), (Surface), Aquaculture (ponds), (Benthic)	Number of Vessels: 1, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Inland Sea	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Red oyas (<i>Halocynthia roretzi</i>), Sea squirts nei (<i>Ascidacea</i>)	Aquaculture (hanging), (Surface), Aquaculture (lines), (Surface)	Number of Vessels: 39, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Pacific Ocean	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Red oyas (<i>Halocynthia roretzi</i>), Sea squirts nei (<i>Ascidacea</i>)	Aquaculture (hanging), (Surface), Aquaculture (lines), (Surface)	Number of Vessels: 1, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Japan Sea	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Aquatic invertebrates nei (Invertebrata), Echinoderms (Echinodermata), Gazami crab (Portunus trituberculatus), Hemicentrotus pulcherrimus (Hemicentrotus pulcherrimus), Japanese sea cucumber (Apostichopus japonicus), Japanese sea urchin (Strongylocentrotus intermedius), Japanese spiny lobster (Panulirus japonicus), Portunus swimcrabs nei (Portunus spp), Purple sea urchin (Anthocidaris crassispina), Sea cucumbers nei (Holothuroidea), Sea urchins nei (Strongylocentrotus spp), Sea urchins/etc. nei (Echinoidea), Spiny lobsters nei (Palinuridae), Striped sea urchin (Tripneustes gratilla), Strongylocentrotus nudus (Strongylocentrotus nudus), Tropical spiny lobsters nei (Panulirus spp)	Aquaculture (basket), (Surface), Aquaculture (hanging), (Surface), Aquaculture (inland), (Surface), Aquaculture (ponds), (Surface)	Number of Vessels: 19, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Pacific Ocean			
Aquatic invertebrates nei (Invertebrata), Echinoderms (Echinodermata), Gazami crab (Portunus trituberculatus), Hemicentrotus pulcherrimus (Hemicentrotus pulcherrimus), Japanese sea cucumber (Apostichopus japonicus), Japanese sea urchin (Strongylocentrotus intermedius), Japanese spiny lobster (Panulirus japonicus), Portunus swimcrabs nei (Portunus spp), Purple sea urchin (Anthocidaris crassispina), Sea cucumbers nei (Holothuroidea), Sea urchins nei (Strongylocentrotus spp), Sea urchins/etc. nei (Echinoidea), Spiny lobsters nei (Palinuridae), Striped sea urchin (Tripneustes gratilla), Strongylocentrotus nudus (Strongylocentrotus nudus), Tropical spiny lobsters nei (Panulirus spp)	Aquaculture (basket), (Surface), Aquaculture (hanging), (Surface), Aquaculture (inland), (Surface), Aquaculture (ponds), (Surface)	Number of Vessels: 3, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Eastern China Sea			
Sea cucumbers nei (Holothuroidea)	Diving (SCUBA and/or free-diving), (Bottom)	Number of Vessels: none provided, Licenses: 185, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),kagoshima prefecture	Baleen whale unspecified (STOCK NOT SPECIFIED) Common minke whale (Around JPN) Finless porpoise unspecified (Coastal JPN) Humpback whale (North Pacific)	Baleen whale unspecified (STOCK NOT SPECIFIED): UNKNOWN Common minke whale (Around JPN): UNKNOWN Finless porpoise unspecified (Coastal JPN): UNKNOWN Humpback whale (North Pacific): UNKNOWN	
Comb pen shell (Atrina pectinata), Horned turban (Turbo cornutus), Japanese sea cucumber (Apostichopus japonicus), Wakame nei (Undaria spp)	Diving (SCUBA and/or free-diving), (Bottom)	Number of Vessels: 15, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Kumamoto prefecture	Finless porpoise unspecified (Coastal JPN)	Finless porpoise unspecified (Coastal JPN): 0	
Splendid alfonso (Beryx splendens)	Angling, (Midwater)	Number of Vessels: 207, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Suizuoka prefecture	Common minke whale (Around JPN) Fin whale (STOCK NOT SPECIFIED) Humpback whale (North Pacific) Risso's dolphin, grampus (Western NP)	Common minke whale (Around JPN): UNKNOWN Fin whale (STOCK NOT SPECIFIED): UNKNOWN Humpback whale (North Pacific): UNKNOWN Risso's dolphin, grampus (Western NP): UNKNOWN	
Splendid alfonso (Beryx splendens)	Angling, (Demersal)	Number of Vessels: 207, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Shizuoka prefecture	Common minke whale (Around JPN) Fin whale (STOCK NOT SPECIFIED) Humpback whale (North Pacific) Risso's dolphin, grampus (Western NP)	Common minke whale (Around JPN): UNKNOWN Fin whale (STOCK NOT SPECIFIED): UNKNOWN Humpback whale (North Pacific): UNKNOWN Risso's dolphin, grampus (Western NP): UNKNOWN	
Japanese carpet shell (Ruditapes philippinarum)	Hand collection, (Benthic)	Number of Vessels: 523, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Shizuoka prefecture	Common minke whale (Around JPN) Fin whale (STOCK NOT SPECIFIED) Humpback whale (North Pacific) Risso's dolphin, grampus (Western NP)	Common minke whale (Around JPN): UNKNOWN Fin whale (STOCK NOT SPECIFIED): UNKNOWN Humpback whale (North Pacific): UNKNOWN Risso's dolphin, grampus (Western NP): UNKNOWN	
Cuttlefish/bobtail squids nei (Sepiidae, Sepiolidae), Inshore squids nei (Loliginidae)	Angling, (Midwater)	Number of Vessels: 117, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Offshore Chiba prefecture	Common minke whale (Around JPN) Striped dolphin (Western NP)	Common minke whale (Around JPN): UNKNOWN Striped dolphin (Western NP): UNKNOWN	

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Japanese amberjack (<i>Seriola quinqueradiata</i>)	Lift nets (not specified), (Surface), Purse seines, (Surface)	Number of Vessels: 6, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Ehime prefecture	Risso's dolphin, grampus (Western NP) Striped dolphin (Western NP)	Risso's dolphin, grampus (Western NP): NOT PROVIDED Striped dolphin (Western NP): NOT PROVIDED	
Barracudas nei (<i>Sphyraena</i> spp), Blackhead seabream (<i>Acanthopagrus schlegeli</i>), Grunts nei (<i>Haemulon</i> spp), Jack and horse mackerels nei (<i>Trachurus</i> spp), Japanese amberjack (<i>Seriola quinqueradiata</i>), Mackerels nei (<i>Scombridae</i>), Oplegnathus spp (<i>Oplegnathus</i> spp), Porgies/seabreams nei (<i>Sparidae</i>), Yellowtail amberjack (<i>Seriola lalandi</i>)	Lift nets (not specified), (Pelagic)	Number of Vessels: 57, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Nagasaki prefecture	Common bottlenose dolphin (Western NP) Common minke whale (Around JPN) Fin whale (STOCK NOT SPECIFIED) Finless porpoise unspecified (Coastal JPN) Humpback whale (North Pacific)	Common bottlenose dolphin (Western NP): NOT PROVIDED Common minke whale (Around JPN): NOT PROVIDED Fin whale (STOCK NOT SPECIFIED): NOT PROVIDED Finless porpoise unspecified (Coastal JPN): NOT PROVIDED Humpback whale (North Pacific): NOT PROVIDED	
Anchovies nei (<i>Engraulis</i> spp), Herrings/sardines nei (<i>Clupeidae</i>), Silver-stripe round herring (<i>Spratelloides gracilis</i>)	Beach seines, (Bottom)	Number of Vessels: 39, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Nagasaki prefecture	Common bottlenose dolphin (Western NP) Common minke whale (Around JPN) Fin whale (STOCK NOT SPECIFIED) Finless porpoise unspecified (Coastal JPN) Humpback whale (North Pacific)	Common bottlenose dolphin (Western NP): NOT PROVIDED Common minke whale (Around JPN): NOT PROVIDED Fin whale (STOCK NOT SPECIFIED): NOT PROVIDED Finless porpoise unspecified (Coastal JPN): NOT PROVIDED Humpback whale (North Pacific): NOT PROVIDED	
Abalones nei (<i>Haliotis</i> spp), Sea urchins nei (<i>Strongylocentrotus</i> spp), Turban shells nei (Ex Turbo spp)	Diving (SCUBA and/or free-diving), (Bottom)	Number of Vessels: 31, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Nagasaki prefecture	Common bottlenose dolphin (Western NP) Common minke whale (Around JPN) Fin whale (STOCK NOT SPECIFIED) Finless porpoise unspecified (Coastal JPN) Humpback whale (North Pacific)	Common bottlenose dolphin (Western NP): NOT PROVIDED Common minke whale (Around JPN): NOT PROVIDED Fin whale (STOCK NOT SPECIFIED): NOT PROVIDED Finless porpoise unspecified (Coastal JPN): NOT PROVIDED Humpback whale (North Pacific): NOT PROVIDED	
Sea cucumbers nei (Holothuroidea)	Hand collection, (Bottom)	Number of Vessels: 54, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Okayama prefecture	Finless porpoise unspecified (Coastal JPN)	Finless porpoise unspecified (Coastal JPN): NOT PROVIDED	
Yesso scallop (<i>Patinopecten yessoensis</i>)	Dredges (not specified), (Bottom)	Number of Vessels: 198, Licenses: 198, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Aomori prefecture	Common minke whale (Around JPN) Dall's porpoise, Dall porpoise (Dalli type stock) Fur seal unspecified (STOCK NOT SPECIFIED) Humpback whale (North Pacific) Sea lion unspecified (STOCK NOT SPECIFIED)	Common minke whale (Around JPN): NOT PROVIDED Dall's porpoise, Dall porpoise (Dalli type stock): NOT PROVIDED Fur seal unspecified (STOCK NOT SPECIFIED): NOT PROVIDED Humpback whale (North Pacific): NOT PROVIDED Sea lion unspecified (STOCK NOT SPECIFIED): NOT PROVIDED	
Yellowtail amberjack (<i>Seriola lalandi</i>)	Lift nets (not specified), (Surface)	Number of Vessels: , Licenses: 13, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Tokushima prefecture	Common minke whale (Around JPN) Striped dolphin (Western NP)	Common minke whale (Around JPN): NOT PROVIDED Striped dolphin (Western NP): NOT PROVIDED	
Japanese amberjack (<i>Seriola quinqueradiata</i>)	Lift nets (not specified), (Surface)	Number of Vessels: 30, Licenses: 29, Participants: 29, Aquaculture Facilities: 0	EEZ,(FAO:61 Pacific Northwest),Kochi prefecture	Common minke whale (Around JPN) Humpback whale (North Pacific)	Common minke whale (Around JPN): NOT PROVIDED Humpback whale (North Pacific): NOT PROVIDED	
Japanese amberjack (<i>Seriola quinqueradiata</i>)	Lift nets (not specified), (Pelagic)	Number of Vessels: 39, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Nagasaki prefecture	Common bottlenose dolphin (Western NP) Common minke whale (Around JPN) Fin whale (STOCK NOT SPECIFIED) Finless porpoise unspecified (Coastal JPN) Humpback whale (North Pacific)	Common bottlenose dolphin (Western NP): NOT PROVIDED Common minke whale (Around JPN): NOT PROVIDED Fin whale (STOCK NOT SPECIFIED): NOT PROVIDED Finless porpoise unspecified (Coastal JPN): NOT PROVIDED Humpback whale (North Pacific): NOT PROVIDED	
Japanese amberjack (<i>Seriola quinqueradiata</i>)	Lift nets (not specified), (Surface)	Number of Vessels: 37, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Kumamoto prefecture	Finless porpoise unspecified (Coastal JPN)	Finless porpoise unspecified (Coastal JPN): NOT PROVIDED	
Greater amberjack (<i>Seriola dumerili</i>), Japanese amberjack (<i>Seriola quinqueradiata</i>), Yellowtail amberjack (<i>Seriola lalandi</i>)	Lift nets (not specified), (Surface)	Number of Vessels: 34, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Oita prefecture	Common bottlenose dolphin (Western NP) Common minke whale (Around JPN) Dolphin unspecified (STOCK NOT SPECIFIED) Fin whale (STOCK NOT SPECIFIED) Finless porpoise unspecified (Coastal JPN) Humpback whale (North Pacific)	Common bottlenose dolphin (Western NP): NOT PROVIDED Common minke whale (Around JPN): NOT PROVIDED Dolphin unspecified (STOCK NOT SPECIFIED): NOT PROVIDED Fin whale (STOCK NOT SPECIFIED): NOT PROVIDED Finless porpoise unspecified (Coastal JPN): NOT PROVIDED Humpback whale (North Pacific): NOT PROVIDED	

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Blackspot/red seabream (<i>Pagellus bogaraveo</i>), Blacktip grouper (<i>Epinephelus fasciatus</i>), Bullseye (<i>Apogonichthyoides nigripinnis</i>), Crimson seabream (<i>Evynnis japonica</i>), Golden threadfin bream (<i>Nemipterus virgatus</i>), Hong Kong grouper (<i>Epinephelus akaara</i>), Japanese soldierfish (<i>Ostichthys japonicus</i>), Oplegnathus fasciatus (<i>Oplegnathus fasciatus</i>), Red tonguesole (<i>Cynoglossus joyneri</i>), Rudderfish (<i>Centrolophus niger</i>), <i>Sebastiscus marmoratus</i> (<i>Sebastiscus marmoratus</i>), Skipjack tuna (<i>Katsuwonus pelamis</i>), Splendid alfonsino (<i>Beryx splendens</i>), Spotted knifejaw (<i>Oplegnathus punctatus</i>), Yellowback seabream (<i>Dentex tumifrons</i>)	Angling, (Midwater)	UNKNOWN	EEZ,(FAO:61 Pacific Northwest),Miyazaki prefecture	Common bottlenose dolphin (Western NP) Common minke whale (Around JPN) Humpback whale (North Pacific) Risso's dolphin, grampus (Western NP)	Common bottlenose dolphin (Western NP): NOT PROVIDED Common minke whale (Around JPN): NOT PROVIDED Humpback whale (North Pacific): NOT PROVIDED Risso's dolphin, grampus (Western NP): NOT PROVIDED	
Blackspot/red seabream (<i>Pagellus bogaraveo</i>), Convict grouper (<i>Epinephelus septemfasciatus</i>), Greater amberjack (<i>Seriola dumerili</i>), Honnibe croaker (<i>Nibeamitsukurii</i>), Japanese abalone (<i>Haliotis discus</i>), Japanese amberjack (<i>Seriola quinqueradiata</i>), Japanese jack mackerel (<i>Trachurus japonicus</i>), Japanese seabass (<i>Lateolabrax japonicus</i>), Longtooth grouper (<i>Epinephelus bruneus</i>), Pacific bluefin tuna (<i>Thunnus orientalis</i>), Pacific chub mackerel (<i>Scomber japonicus</i>), Rudderfish (<i>Centrolophus niger</i>), Threadsail filefish (<i>Stephanolepis cirrhifer</i>), White trevally (<i>Pseudocaranx dentex</i>), Yellowtail amberjack (<i>Seriola lalandi</i>)	Aquaculture (not specified), (Surface)	UNKNOWN	EEZ,(FAO:61 Pacific Northwest),Miyazaki prefecture	Common bottlenose dolphin (Western NP) Common minke whale (Around JPN) Humpback whale (North Pacific) Risso's dolphin, grampus (Western NP)	Common bottlenose dolphin (Western NP): NOT PROVIDED Common minke whale (Around JPN): NOT PROVIDED Humpback whale (North Pacific): NOT PROVIDED Risso's dolphin, grampus (Western NP): NOT PROVIDED	
Greater amberjack (<i>Seriola dumerili</i>), Herrings/sardines nei (<i>Clupeidae</i>), Japanese amberjack (<i>Seriola quinqueradiata</i>)	Lift nets (not specified), (Midwater), Purse seines, (Midwater)	Number of Vessels: 25, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Miyazaki prefecture	Common bottlenose dolphin (Western NP) Common minke whale (Around JPN) Humpback whale (North Pacific) Risso's dolphin, grampus (Western NP)	Common bottlenose dolphin (Western NP): NOT PROVIDED Common minke whale (Around JPN): NOT PROVIDED Humpback whale (North Pacific): NOT PROVIDED Risso's dolphin, grampus (Western NP): NOT PROVIDED	
Yellowtail amberjack (<i>Seriola lalandi</i>)	Lift nets (not specified), (Surface)	Number of Vessels: none provided, Licenses: 118, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Kagoshima prefecture	Baleen whale unspecified (STOCK NOT SPECIFIED) Common minke whale (Around JPN) Finless porpoise unspecified (Coastal JPN) Humpback whale (North Pacific)	Baleen whale unspecified (STOCK NOT SPECIFIED): NOT PROVIDED Common minke whale (Around JPN): NOT PROVIDED Finless porpoise unspecified (Coastal JPN): NOT PROVIDED Humpback whale (North Pacific): NOT PROVIDED	
Albacore (<i>Thunnus alalunga</i>), Skipjack tuna (<i>Katsuwonus pelamis</i>)	Angling, (Surface)	Number of Vessels: 75, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	High Seas,EEZ,Kiribati,Marshall Islands,Nauru,Palau,Solomon Islands,(FAO:61 Pacific Northwest, FAO:81 Pacific Southwest, FAO:71 Pacific Western Central),Pacific ocean	Common bottlenose dolphin (Western NP) Common minke whale (Around JPN) Dall's porpoise, Dall porpoise (Dalli type stock) Dolphin unspecified (STOCK NOT SPECIFIED) Fin whale (STOCK NOT SPECIFIED) Humpback whale (North Pacific) Melon-headed whale, Electra dolphin (Western NP) Risso's dolphin, grampus (Western NP) Striped dolphin (Western NP)	Common bottlenose dolphin (Western NP): NOT PROVIDED Common minke whale (Around JPN): NOT PROVIDED Dall's porpoise, Dall porpoise (Dalli type stock): NOT PROVIDED Dolphin unspecified (STOCK NOT SPECIFIED): NOT PROVIDED Fin whale (STOCK NOT SPECIFIED): NOT PROVIDED Humpback whale (North Pacific): NOT PROVIDED Melon-headed whale, Electra dolphin (Western NP): NOT PROVIDED Risso's dolphin, grampus (Western NP): NOT PROVIDED Striped dolphin (Western NP): NOT PROVIDED	WCPFC
Albacore (<i>Thunnus alalunga</i>), Skipjack tuna (<i>Katsuwonus pelamis</i>)	Angling, (Surface)	Number of Vessels: 75, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	High Seas,EEZ,Kiribati,Marshall Islands,Nauru,Palau,Solomon Islands,(FAO:61 Pacific Northwest, FAO:81 Pacific Southwest, FAO:71 Pacific Western Central),Japan sea&Eastern china sea	Common bottlenose dolphin (Western NP) Common minke whale (Around JPN) Dall's porpoise, Dall porpoise (Dalli type stock) Fin whale (STOCK NOT SPECIFIED) Humpback whale (North Pacific) Melon-headed whale, Electra dolphin (Western NP) Risso's dolphin, grampus (Western NP) Striped dolphin (Western NP)	Common bottlenose dolphin (Western NP): NOT PROVIDED Common minke whale (Around JPN): NOT PROVIDED Dall's porpoise, Dall porpoise (Dalli type stock): NOT PROVIDED Fin whale (STOCK NOT SPECIFIED): NOT PROVIDED Humpback whale (North Pacific): NOT PROVIDED Melon-headed whale, Electra dolphin (Western NP): NOT PROVIDED Risso's dolphin, grampus (Western NP): NOT PROVIDED Striped dolphin (Western NP): NOT PROVIDED	WCPFC

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Pacific bluefin tuna (<i>Thunnus orientalis</i>)	Angling, (Pelagic), Handlines and hand-operated pole-and-lines, (Pelagic), Trolling lines, (Pelagic)	UNKNOWN	EEZ,(FAO:61 Pacific Northwest),Inland sea	Common bottlenose dolphin (Western NP) Common minke whale (Around JPN) Dall's porpoise, Dall porpoise (Dalli type stock) False killer whale (Western NP) Fin whale (STOCK NOT SPECIFIED) Finless porpoise unspecified (Coastal JPN) Harbor porpoise (STOCK NOT SPECIFIED) Humpback whale (North Pacific) Killer whale, orca (North Pacific) Melon-headed whale, Electra dolphin (Western NP) Risso's dolphin, grampus (Western NP) Striped dolphin (Western NP)	Common bottlenose dolphin (Western NP): NOT PROVIDED Common minke whale (Around JPN): NOT PROVIDED Dall's porpoise, Dall porpoise (Dalli type stock): NOT PROVIDED False killer whale (Western NP): NOT PROVIDED Fin whale (STOCK NOT SPECIFIED): NOT PROVIDED Finless porpoise unspecified (Coastal JPN): NOT PROVIDED Harbor porpoise (STOCK NOT SPECIFIED): NOT PROVIDED Humpback whale (North Pacific): NOT PROVIDED Killer whale, orca (North Pacific): NOT PROVIDED Melon-headed whale, Electra dolphin (Western NP): NOT PROVIDED Risso's dolphin, grampus (Western NP): NOT PROVIDED Striped dolphin (Western NP): NOT PROVIDED	WCPFC
Cuttlefish/bobtail squids nei (Sepiidae, Sepiolidae), Various squids nei (Loliginidae, Ommastrephidae)	Angling, (Pelagic)	Number of Vessels: 6868, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Pacific, Japan Sea, East China Sea	Common bottlenose dolphin (Western NP) Common minke whale (Around JPN) Dall's porpoise, Dall porpoise (Dalli type stock) False killer whale (Western NP) Fin whale (STOCK NOT SPECIFIED) Finless porpoise unspecified (Coastal JPN) Harbor porpoise (STOCK NOT SPECIFIED) Humpback whale (North Pacific) Killer whale, orca (North Pacific) Melon-headed whale, Electra dolphin (Western NP) Risso's dolphin, grampus (Western NP) Striped dolphin (Western NP)	Common bottlenose dolphin (Western NP): NOT PROVIDED Common minke whale (Around JPN): NOT PROVIDED Dall's porpoise, Dall porpoise (Dalli type stock): NOT PROVIDED False killer whale (Western NP): NOT PROVIDED Fin whale (STOCK NOT SPECIFIED): NOT PROVIDED Finless porpoise unspecified (Coastal JPN): NOT PROVIDED Harbor porpoise (STOCK NOT SPECIFIED): NOT PROVIDED Humpback whale (North Pacific): NOT PROVIDED Killer whale, orca (North Pacific): NOT PROVIDED Melon-headed whale, Electra dolphin (Western NP): NOT PROVIDED Risso's dolphin, grampus (Western NP): NOT PROVIDED Striped dolphin (Western NP): NOT PROVIDED	
Hard corals/madrepores nei (Scleractinia), Soft corals (Alcyonacea)	Hand collection, (Bottom)	Number of Vessels: 519, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Pacific, East China Sea	Common bottlenose dolphin (Western NP) Common minke whale (Around JPN) Dall's porpoise, Dall porpoise (Dalli type stock) False killer whale (Western NP) Fin whale (STOCK NOT SPECIFIED) Finless porpoise unspecified (Coastal JPN) Harbor porpoise (STOCK NOT SPECIFIED) Humpback whale (North Pacific) Killer whale, orca (North Pacific) Melon-headed whale, Electra dolphin (Western NP) Risso's dolphin, grampus (Western NP) Striped dolphin (Western NP)	Common bottlenose dolphin (Western NP): NOT PROVIDED Common minke whale (Around JPN): NOT PROVIDED Dall's porpoise, Dall porpoise (Dalli type stock): NOT PROVIDED False killer whale (Western NP): NOT PROVIDED Fin whale (STOCK NOT SPECIFIED): NOT PROVIDED Finless porpoise unspecified (Coastal JPN): NOT PROVIDED Harbor porpoise (STOCK NOT SPECIFIED): NOT PROVIDED Humpback whale (North Pacific): NOT PROVIDED Killer whale, orca (North Pacific): NOT PROVIDED Melon-headed whale, Electra dolphin (Western NP): NOT PROVIDED Risso's dolphin, grampus (Western NP): NOT PROVIDED Striped dolphin (Western NP): NOT PROVIDED	
Abalones nei (<i>Haliotis</i> spp)	Diving (SCUBA and/or free-diving), (Bottom), Diving (SCUBA and/or free-diving), (Bottom)	Number of Vessels: none provided, Licenses: 1413, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Pacific, Japan Sea, East China Sea	Common bottlenose dolphin (Western NP) Common minke whale (Around JPN) Dall's porpoise, Dall porpoise (Dalli type stock) False killer whale (Western NP) Fin whale (STOCK NOT SPECIFIED) Finless porpoise unspecified (Coastal JPN) Harbor porpoise (STOCK NOT SPECIFIED) Humpback whale (North Pacific) Killer whale, orca (North Pacific) Melon-headed whale, Electra dolphin (Western NP) Risso's dolphin, grampus (Western NP) Striped dolphin (Western NP)	Common bottlenose dolphin (Western NP): NOT PROVIDED Common minke whale (Around JPN): NOT PROVIDED Dall's porpoise, Dall porpoise (Dalli type stock): NOT PROVIDED False killer whale (Western NP): NOT PROVIDED Fin whale (STOCK NOT SPECIFIED): NOT PROVIDED Finless porpoise unspecified (Coastal JPN): NOT PROVIDED Harbor porpoise (STOCK NOT SPECIFIED): NOT PROVIDED Humpback whale (North Pacific): NOT PROVIDED Killer whale, orca (North Pacific): NOT PROVIDED Melon-headed whale, Electra dolphin (Western NP): NOT PROVIDED Risso's dolphin, grampus (Western NP): NOT PROVIDED Striped dolphin (Western NP): NOT PROVIDED	

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Sea urchins/etc. nei (Echinoidea)	Diving (SCUBA and/or free-diving), (Bottom)	Number of Vessels: none provided, Licenses: 1240, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Pacific, Japan Sea, East China Sea	Common bottlenose dolphin (Western NP) Common minke whale (Around JPN) Dall's porpoise, Dall porpoise (Dalli type stock) False killer whale (Western NP) Fin whale (STOCK NOT SPECIFIED) Finless porpoise unspecified (Coastal JPN) Harbor porpoise (STOCK NOT SPECIFIED) Humpback whale (North Pacific) Killer whale, orca (North Pacific) Melon-headed whale, Electra dolphin (Western NP) Risso's dolphin, grampus (Western NP) Striped dolphin (Western NP)	Common bottlenose dolphin (Western NP): NOT PROVIDED Common minke whale (Around JPN): NOT PROVIDED Dall's porpoise, Dall porpoise (Dalli type stock): NOT PROVIDED False killer whale (Western NP): NOT PROVIDED Fin whale (STOCK NOT SPECIFIED): NOT PROVIDED Finless porpoise unspecified (Coastal JPN): NOT PROVIDED Harbor porpoise (STOCK NOT SPECIFIED): NOT PROVIDED Humpback whale (North Pacific): NOT PROVIDED Killer whale, orca (North Pacific): NOT PROVIDED Melon-headed whale, Electra dolphin (Western NP): NOT PROVIDED Risso's dolphin, grampus (Western NP): NOT PROVIDED Striped dolphin (Western NP): NOT PROVIDED	
Octopuses nei (Octopus spp)	Fish pots/fish traps, (Bottom)	Number of Vessels: 92, Licenses: 3, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Ibaraki prefecture	Common bottlenose dolphin (Western NP) Indo-Pacific finless porpoise (Coastal JPN) Melon-headed whale, Electra dolphin (Western NP)	Common bottlenose dolphin (Western NP): NOT PROVIDED Indo-Pacific finless porpoise (Coastal JPN): NOT PROVIDED Melon-headed whale, Electra dolphin (Western NP): NOT PROVIDED	
Hard clams nei (Meretrix spp)	Dredges (not specified), (Bottom)	Number of Vessels: 111, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Chiba prefecture	Common minke whale (Around JPN) Striped dolphin (Western NP)	Common minke whale (Around JPN): NOT PROVIDED Striped dolphin (Western NP): NOT PROVIDED	
Mackerels nei (Scombridae)	dip nets, (Surface)	Number of Vessels: 21, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Offshore Chiba prefecture	Common minke whale (Around JPN) Striped dolphin (Western NP)	Common minke whale (Around JPN): NOT PROVIDED Striped dolphin (Western NP): NOT PROVIDED	
Jack and horse mackerels nei (Trachurus spp), Mackerels nei (Scombridae)	Lift nets (not specified), (Surface)	Number of Vessels: 1, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Offshore Chiba prefecture	Common minke whale (Around JPN) Striped dolphin (Western NP)	Common minke whale (Around JPN): NOT PROVIDED Striped dolphin (Western NP): NOT PROVIDED	
Bastard halibut (Paralichthys olivaceus), Common dolphinfish (Coryphaena hippurus), Gnomefish (Scombrops boops), Hairtails nei (Trichiurus spp), Jack and horse mackerels nei (Trachurus spp), Japanese Spanish mackerel (Scomberomorus niphonius), Japanese amberjack (Seriola quinqueradiata), Mackerels nei (Scombridae), Porgies/seabreams nei (Sparidae), Ruffs/barrelfishes nei (Centrolophidae), Skipjack tuna (Katsuwonus pelamis), Splendid alfonsino (Beryx splendens)	Angling, (Bottom), Angling, (Midwater)	Number of Vessels: 1494, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Offshore Chiba prefecture	Common minke whale (Around JPN) Striped dolphin (Western NP)	Common minke whale (Around JPN): NOT PROVIDED Striped dolphin (Western NP): NOT PROVIDED	
Japanese horse clam (Tresus keenae), Panopea spp (Panopea spp), Sea cucumbers nei (Holothuroidea)	Diving (SCUBA and/or free-diving), (Bottom)	Number of Vessels: 34, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Chiba prefecture	Common minke whale (Around JPN) Striped dolphin (Western NP)	Common minke whale (Around JPN): NOT PROVIDED Striped dolphin (Western NP): NOT PROVIDED	
Abalones nei (Haliotis spp), Japanese carpet shell (Ruditapes philippinarum), Turban shells nei (Ex Turbo spp)	Diving (SCUBA and/or free-diving), (Bottom), Dredges (not specified), (Bottom)	Number of Vessels: 2275, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Chiba prefecture	Common minke whale (Around JPN) Striped dolphin (Western NP)	Common minke whale (Around JPN): NOT PROVIDED Striped dolphin (Western NP): NOT PROVIDED	
Seaweeds nei (Algae)	Diving (SCUBA and/or free-diving), (Surface), Hand collection, (Surface)	Number of Vessels: none provided, Licenses: 34, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Tokushima prefecture	Common minke whale (Around JPN) Striped dolphin (Western NP)	Common minke whale (Around JPN): NOT PROVIDED Striped dolphin (Western NP): NOT PROVIDED	

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Dentex nei (Dentex spp), Porgies/seabreams nei (Sparidae), Snappers nei (Lutjanus spp)	Angling, (Bottom)	Number of Vessels: 30, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Kumamoto prefecture	Finless porpoise unspecified (Coastal JPN)	Finless porpoise unspecified (Coastal JPN): NOT PROVIDED	
Aquatic invertebrates nei (Invertebrata), Echinoderms (Echinodermata), Gazami crab (Portunus trituberculatus), Hemicentrotus pulcherrimus (Hemicentrotus pulcherrimus), Japanese sea cucumber (Apostichopus japonicus), Japanese sea urchin (Strongylocentrotus intermedius), Japanese spiny lobster (Panulirus japonicus), Portunus swimcrabs nei (Portunus spp), Purple sea urchin (Anthocidaris crassispina), Sea cucumbers nei (Holothuroidea), Sea urchins nei (Strongylocentrotus spp), Sea urchins/etc. nei (Echinoidea), Spiny lobsters nei (Palinuridae), Striped sea urchin (Tripneustes gratilla), Strongylocentrotus nudus (Strongylocentrotus nudus), Tropical spiny lobsters nei (Panulirus spp)	Aquaculture (basket), (Surface), Aquaculture (hanging), (Surface), Aquaculture (inland), (Surface), Aquaculture (ponds), (Surface)	Number of Vessels: 2, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Inland Sea			
Japanese kelp (Laminaria japonica), Kelps nei (Laminariaceae), Saccharina longissima (Saccharina longissima)	Aquaculture (lines), (Surface)	Number of Vessels: 101, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Pacific Ocean			
Japanese kelp (Laminaria japonica), Kelps nei (Laminariaceae), Saccharina longissima (Saccharina longissima)	Aquaculture (lines), (Surface)	Number of Vessels: 17, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Japan Sea			
Japanese kelp (Laminaria japonica), Kelps nei (Laminariaceae), Saccharina longissima (Saccharina longissima)	Aquaculture (lines), (Surface)	Number of Vessels: 4, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Inland Sea			
Cladosiphon okamuranus (Cladosiphon okamuranus), Dark green nori (Enteromorpha prolifera), Fusiform sargassum (Sargassum fusiforme), Gelidium seaweeds (Gelidium spp), Green laver (Monostroma nitidum), Japanese isinglass (Gelidium amansii), Laver (Nori) (Porphyra tenera), Meristotheca spp (Meristotheca spp), Mozuku (Nemacystus decipiens), Nori nei (Porphyra spp), Sargassum spp (Sargassum spp), Sea lettuces nei (Ulva spp), Seaweeds nei (Algae), Wakame (Undaria pinnatifida), Wakame nei (Undaria spp), Welded green nori (Enteromorpha linza)	Aquaculture (lines), (Surface), Aquaculture (rafts, mats), (Surface)	Number of Vessels: 626, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Pacific Ocean			
Cladosiphon okamuranus (Cladosiphon okamuranus), Dark green nori (Enteromorpha prolifera), Fusiform sargassum (Sargassum fusiforme), Gelidium seaweeds (Gelidium spp), Green laver (Monostroma nitidum), Japanese isinglass (Gelidium amansii), Laver (Nori) (Porphyra tenera), Meristotheca spp (Meristotheca spp), Mozuku (Nemacystus decipiens), Nori nei (Porphyra spp), Sargassum spp (Sargassum spp), Sea lettuces nei (Ulva spp), Seaweeds nei (Algae), Wakame (Undaria pinnatifida), Wakame nei (Undaria spp), Welded green nori (Enteromorpha linza)	Aquaculture (lines), (Surface), Aquaculture (rafts, mats), (Surface)	Number of Vessels: 32, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Japan Sea			
Cladosiphon okamuranus (Cladosiphon okamuranus), Dark green nori (Enteromorpha prolifera), Fusiform sargassum (Sargassum fusiforme), Gelidium seaweeds (Gelidium spp), Green laver (Monostroma nitidum), Japanese isinglass (Gelidium amansii), Laver (Nori) (Porphyra tenera), Meristotheca spp (Meristotheca spp), Mozuku (Nemacystus decipiens), Nori nei (Porphyra spp), Sargassum spp (Sargassum spp), Sea lettuces nei (Ulva spp), Seaweeds nei (Algae), Wakame (Undaria pinnatifida), Wakame nei (Undaria spp), Welded green nori (Enteromorpha linza)	Aquaculture (lines), (Surface), Aquaculture (rafts, mats), (Surface)	Number of Vessels: 2692, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Eastern China Sea			

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Cladosiphon okamuranus (Cladosiphon okamuranus), Dark green nori (Enteromorpha prolifera), Fusiform sargassum (Sargassum fusiforme), Gelidium seaweeds (Gelidium spp), Green laver (Monostroma nitidum), Japanese isinglass (Gelidium amansii), Laver (Nori) (Porphyra tenera), Meristotheca spp (Meristotheca spp), Mozuku (Nemacystus decipiens), Nori nei (Porphyra spp), Sargassum spp (Sargassum spp), Sea lettuces nei (Ulva spp), Seaweeds nei (Algae), Wakame (Undaria pinnatifida), Wakame nei (Undaria spp), Welded green nori (Enteromorpha linza)	Aquaculture (lines), (Surface), Aquaculture (rafts, mats), (Surface)	Number of Vessels: 1300, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Inland Sea			
Coho(=Silver) salmon (Oncorhynchus kisutch)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: 54, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Pacific Ocean			
Coho(=Silver) salmon (Oncorhynchus kisutch)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: 6, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Japan Sea			
Amberjacks nei (Seriola spp), Greater amberjack (Seriola dumerili), Japanese amberjack (Seriola quinqueradiata), Yellowtail amberjack (Seriola lalandi)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: 673, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Pacific Ocean			
Amberjacks nei (Seriola spp), Greater amberjack (Seriola dumerili), Japanese amberjack (Seriola quinqueradiata), Yellowtail amberjack (Seriola lalandi)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: 7, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Japan Sea			
Amberjacks nei (Seriola spp), Greater amberjack (Seriola dumerili), Japanese amberjack (Seriola quinqueradiata), Yellowtail amberjack (Seriola lalandi)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: 996, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Eastern China Sea			
Amberjacks nei (Seriola spp), Greater amberjack (Seriola dumerili), Japanese amberjack (Seriola quinqueradiata), Yellowtail amberjack (Seriola lalandi)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: 143, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Inland Sea			
Japanese seabream (Pagrus major)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: 877, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Pacific Ocean			
Japanese seabream (Pagrus major)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: 8, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Japan Sea			
Japanese seabream (Pagrus major)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: 276, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Eastern China Sea			

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Japanese seabream (<i>Pagrus major</i>)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: 58, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Inland Sea			
Bastard halibut (<i>Paralichthys olivaceus</i>)	Aquaculture (cages, net pens), (Surface), Aquaculture (inland), (Surface)	Number of Vessels: 15, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Pacific Ocean			
Bastard halibut (<i>Paralichthys olivaceus</i>)	Aquaculture (cages, net pens), (Surface), Aquaculture (inland), (Surface)	Number of Vessels: 1, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Eastern China Sea			
Bastard halibut (<i>Paralichthys olivaceus</i>)	Aquaculture (cages, net pens), (Surface), Aquaculture (inland), (Surface)	Number of Vessels: 20, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Inland Sea			
Pacific bluefin tuna (<i>Thunnus orientalis</i>)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: 88, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Pacific Ocean			
Pacific bluefin tuna (<i>Thunnus orientalis</i>)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: 1, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Japan Sea			
Pacific bluefin tuna (<i>Thunnus orientalis</i>)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: 203, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Eastern China Sea			
Atlantic salmon (<i>Salmo salar</i>), Blackhead seabream (<i>Acanthopagrus schlegeli</i>), Chum(=Keta=Dog) salmon (<i>Oncorhynchus keta</i>), Filefishes nei (<i>Cantherhines (=Navodon) spp</i>), Finfishes nei (<i>Osteichthyes</i>), Groupers nei (<i>Epinephelus spp</i>), Groupers/seabasses nei (<i>Serranidae</i>), Grunts nei (<i>Haemulon spp</i>), Horsehead tilefish (<i>Branchiostegus japonicus</i>), Japanese jack mackerel (<i>Trachurus japonicus</i>), Japanese rockfish (<i>Sebastes inermis</i>), Japanese seabass (<i>Lateolabrax japonicus</i>), Largescale blackfish (<i>Girella punctata</i>), Leopard coralgroup (<i>Plectropomus leopardus</i>), Lethrinus spp (<i>Lethrinus spp</i>), Oplegnathus fasciatus (<i>Oplegnathus fasciatus</i>), Oplegnathus fasciatus (<i>Oplegnathus fasciatus</i>), Pacific chub mackerel (<i>Scomber japonicus</i>), Pacific salmon nei (<i>Oncorhynchus spp</i>), Porgies/seabreams nei (<i>Sparidae</i>), Pufferfishes nei (<i>Takifugu spp</i>), Rainbow trout (<i>Oncorhynchus mykiss</i>), Spangled emperor (<i>Lethrinus nebulosus</i>), Spotted knifejaw (<i>Oplegnathus punctatus</i>), Tiger pufferfish (<i>Takifugu rubripes</i>), Trouts nei (<i>Salmo spp</i>), White trevally (<i>Pseudocaranx dentex</i>), salmon roe	Aquaculture (cages, net pens), (Surface), Aquaculture (inland), (Surface), Aquaculture (ponds), (Surface), Aquaculture (rafts, mats), (Surface)	Number of Vessels: 190, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Pacific Ocean			

Export Fisheries

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Japanese amberjack (<i>Seriola quinqueradiata</i>)	Purse seines, (Midwater)	Number of Vessels: 115, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Chiba prefecture	Common minke whale (Around JPN) Striped dolphin (Western NP)	Common minke whale (Around JPN): UNKNOWN Striped dolphin (Western NP): UNKNOWN	
Anchovies nei (<i>Engraulis</i> spp), Dotted gizzard shad (<i>Konosirus punctatus</i>), Herrings/sardines nei (<i>Clupeidae</i>), Japanese seabass (<i>Lateolabrax japonicus</i>)	Purse seines, (Midwater)	Number of Vessels: 14, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Offshore Chiba prefecture	Common minke whale (Around JPN) Striped dolphin (Western NP)	Common minke whale (Around JPN): UNKNOWN Striped dolphin (Western NP): UNKNOWN	
Bastard halibut (<i>Paralichthys olivaceus</i>), Cockles nei (<i>Cardiidae</i>), Cuttlefish/bobtail squids nei (<i>Sepiidae</i> , <i>Sepiolidae</i>), Flatfishes nei (<i>Pleuronectiformes</i>), Greeneyes (<i>Chlorophthalmidae</i>), Japanese seabass (<i>Lateolabrax japonicus</i>), Porgies/seabreams nei (<i>Sparidae</i>), Pufferfishes nei (<i>Takifugu</i> spp), Scorpionfishes/gurnards nei (<i>Scorpaeniformes</i>), marine shrimps nei	Trawls (not specified), (Bottom)	Number of Vessels: 467, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Chiba prefecture	Common minke whale (Around JPN) Striped dolphin (Western NP)	Common minke whale (Around JPN): UNKNOWN Striped dolphin (Western NP): UNKNOWN	
Anchovies nei (<i>Engraulis</i> spp), Cuttlefish/bobtail squids nei (<i>Sepiidae</i> , <i>Sepiolidae</i>), Flyingfishes nei (<i>Exocoetidae</i>), Halfbeaks nei (<i>Hemiramphidae</i>), Herrings/sardines nei (<i>Clupeidae</i>), Inshore squids nei (<i>Loliginidae</i>), Japanese icefish (<i>Salangichthys microdon</i>)	Trawls (not specified), (Midwater)	Number of Vessels: 421, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Offshore Chiba prefecture	Common minke whale (Around JPN) Striped dolphin (Western NP)	Common minke whale (Around JPN): UNKNOWN Striped dolphin (Western NP): UNKNOWN	
Anchovies nei (<i>Engraulis</i> spp), Herrings/sardines nei (<i>Clupeidae</i>), Marlins,sailfishes,etc. nei (<i>Istiophoridae</i>), Skipjack tuna (<i>Katsuwonus pelamis</i>), Swordfish (<i>Xiphias gladius</i>), Tunas nei (<i>Thunnini</i>), Various sharks nei (<i>Selachimorpha (Pleurotremata)</i>)	Driftnets, (Midwater)	Number of Vessels: 14, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Chiba prefecture	Common minke whale (Around JPN) Striped dolphin (Western NP)	Common minke whale (Around JPN): UNKNOWN Striped dolphin (Western NP): UNKNOWN	WCPFC
Bastard halibut (<i>Paralichthys olivaceus</i>), Japanese seabass (<i>Lateolabrax japonicus</i>), Japanese whiting (<i>Sillago japonica</i>)	Gillnets and entangling nets (not specified), (Bottom)	Number of Vessels: 389, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Chiba prefecture	Common minke whale (Around JPN) Striped dolphin (Western NP)	Common minke whale (Around JPN): UNKNOWN Striped dolphin (Western NP): UNKNOWN	
Bastard halibut (<i>Paralichthys olivaceus</i>), Marlins,sailfishes,etc. nei (<i>Istiophoridae</i>), Porgies/seabreams nei (<i>Sparidae</i>), Scorpionfishes/gurnards nei (<i>Scorpaeniformes</i>), Swordfish (<i>Xiphias gladius</i>), Tunas nei (<i>Thunnini</i>)	Longlines (not specified), (Bottom), Longlines (not specified), (Midwater)	Number of Vessels: 119, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Chiba prefecture	Common minke whale (Around JPN) Striped dolphin (Western NP)	Common minke whale (Around JPN): UNKNOWN Striped dolphin (Western NP): UNKNOWN	WCPFC
Octopuses nei (<i>Octopus</i> spp)	Fish pots/fish traps, (Bottom)	Number of Vessels: 55, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Chiba prefecture	Common minke whale (Around JPN) Striped dolphin (Western NP)	Common minke whale (Around JPN): UNKNOWN Striped dolphin (Western NP): UNKNOWN	
Babylonia spp (<i>Babylonia</i> spp), Cuttlefish/bobtail squids nei (<i>Sepiidae</i> , <i>Sepiolidae</i>), Marine crabs nei (<i>Brachyura</i>), marine shrimps nei	Traps (not specified), (Bottom)	Number of Vessels: 49, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Offshore Chiba prefecture	Common minke whale (Around JPN) Striped dolphin (Western NP)	Common minke whale (Around JPN): UNKNOWN Striped dolphin (Western NP): UNKNOWN	

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Anchovies nei (Engraulis spp), Herrings/sardines nei (Clupeidae), Jack and horse mackerels nei (Trachurus spp), Japanese amberjack (Seriola quinqueradiata), Mackerels nei (Scombridae)	Pound nets, (Midwater)	Number of Vessels: 65, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Chiba prefecture	Common minke whale (Around JPN) Striped dolphin (Western NP)	Common minke whale (Around JPN): UNKNOWN Striped dolphin (Western NP): UNKNOWN	
Silver-stripe round herring (Spratelloides gracilis)	Gillnets and entangling nets (not specified), (Surface)	Number of Vessels: 18, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Kumamoto prefecture	Finless porpoise unspecified (Coastal JPN)	Finless porpoise unspecified (Coastal JPN): 0	
Porgies/seabreams nei (Sparidae)	Surrounding nets (not specified), (Bottom)	Number of Vessels: none provided, Licenses: 118, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),kagoshima prefecture	Baleen whale unspecified (STOCK NOT SPECIFIED) Common minke whale (Around JPN) Finless porpoise unspecified (Coastal JPN) Humpback whale (North Pacific)	Baleen whale unspecified (STOCK NOT SPECIFIED): UNKNOWN Common minke whale (Around JPN): UNKNOWN Finless porpoise unspecified (Coastal JPN): UNKNOWN Humpback whale (North Pacific): UNKNOWN	
Halfbeak (Oxyporhamphus convexus), Japanese anchovy (Engraulis japonicus), Japanese sardinella (Sardinella zunasi)	Boat seines, (Surface)	Number of Vessels: none provided, Licenses: 62, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),kagoshima prefecture	Baleen whale unspecified (STOCK NOT SPECIFIED) Common minke whale (Around JPN) Finless porpoise unspecified (Coastal JPN) Humpback whale (North Pacific)	Baleen whale unspecified (STOCK NOT SPECIFIED): UNKNOWN Common minke whale (Around JPN): UNKNOWN Finless porpoise unspecified (Coastal JPN): UNKNOWN Humpback whale (North Pacific): UNKNOWN	
Anchovies nei (Engraulis spp), Common dolphinfish (Coryphaena hippurus), Dotted gizzard shad (Konosirus punctatus), Jack and horse mackerels nei (Trachurus spp), Japanese halfbeak (Hyporhamphus sajori), Pilchards nei (Sardinops spp), Scomber mackerels nei (Scomber spp)	Purse seines, (Surface)	Number of Vessels: 51, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Kumamoto prefecture	Finless porpoise unspecified (Coastal JPN)	Finless porpoise unspecified (Coastal JPN): 0	
Green tiger prawn (Penaeus semisulcatus), Japanese sea cucumber (Apostichopus japonicus), Kuruma prawn (Penaeus japonicus), Lizardfishes nei (Synodontidae), Porgies/seabreams nei (Sparidae)	Bottom trawls (not specified), (Bottom)	Number of Vessels: 202, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Kumamoto prefecture	Finless porpoise unspecified (Coastal JPN)	Finless porpoise unspecified (Coastal JPN): 0	
Anchovies nei (Engraulis spp), Pilchards nei (Sardinops spp)	Boat seines, (Surface)	Number of Vessels: 106, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Kumamoto prefecture	Finless porpoise unspecified (Coastal JPN)	Finless porpoise unspecified (Coastal JPN): 0	
Hairtails nei (Trichiurus spp), Largehead hairtail (Trichiurus lepturus), Porgies/seabreams nei (Sparidae)	Other (Please Specify) Midwater lift nets(not specified), (Midwater)	Number of Vessels: 112, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Kumamoto prefecture	Finless porpoise unspecified (Coastal JPN)	Finless porpoise unspecified (Coastal JPN): 0	
Anchovies nei (Engraulis spp), Pilchards nei (Sardinops spp), Scomber mackerels nei (Scomber spp)	Lift nets (not specified), (Surface)	Number of Vessels: 19, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Kumamoto prefecture	Finless porpoise unspecified (Coastal JPN)	Finless porpoise unspecified (Coastal JPN): 0	
Green tiger prawn (Penaeus semisulcatus), Jack and horse mackerels nei (Trachurus spp), Japanese Spanish mackerel (Scomberomorus niphonius), Japanese halfbeak (Hyporhamphus sajori), Kuruma prawn (Penaeus japonicus), Porgies/seabreams nei (Sparidae), Sillago-whittings (Sillaginidae)	Driftnets, (Bottom)	Number of Vessels: 1160, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Kumamoto prefecture	Finless porpoise unspecified (Coastal JPN)	Finless porpoise unspecified (Coastal JPN): 0	

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Bastard halibut (<i>Paralichthys olivaceus</i>), Cynoglossus robustus (<i>Cynoglossus robustus</i>), Gazami crab (<i>Portunus trituberculatus</i>), Japanese swimming crab (<i>Charybdis japonica</i>), Silver-stripe round herring (<i>Spratelloides gracilis</i>)	Gillnets and entangling nets (not specified), (Bottom)	Number of Vessels: 756, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Kumamoto prefecture	Finless porpoise unspecified (Coastal JPN)	Finless porpoise unspecified (Coastal JPN): 0	
Octopuses/etc. nei (<i>Octopodidae</i>)	octopus pots, (Bottom)	Number of Vessels: 350, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Kumamoto prefecture	Finless porpoise unspecified (Coastal JPN)	Finless porpoise unspecified (Coastal JPN): 0	
Babylonia spp (<i>Babylonia</i> spp), Conger eels/etc. nei (<i>Congridae</i>), Cuttlefishes nei (<i>Sepia</i> spp), Gazami crab (<i>Portunus trituberculatus</i>), Japanese swimming crab (<i>Charybdis japonica</i>), Octopuses/etc. nei (<i>Octopodidae</i>), Pufferfishes nei (<i>Takifugu</i> spp)	Fish pots/fish traps, (Bottom)	Number of Vessels: 812, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Kumamoto prefecture	Finless porpoise unspecified (Coastal JPN)	Finless porpoise unspecified (Coastal JPN): 0	
Japanese anchovy (<i>Engraulis japonicus</i>)	single and/or pair trawl, (Surface)	Number of Vessels: 463, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Shizuoka prefecture	Common minke whale (Around JPN) Fin whale (STOCK NOT SPECIFIED) Humpback whale (North Pacific) Risso's dolphin, grampus (Western NP)	Common minke whale (Around JPN): UNKNOWN Fin whale (STOCK NOT SPECIFIED): UNKNOWN Humpback whale (North Pacific): UNKNOWN Risso's dolphin, grampus (Western NP): UNKNOWN	
Sakura shrimp (<i>Sergestes lucens</i>)	Midwater pair trawls, (Midwater)	Number of Vessels: 120, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Shizuoka prefecture	Common minke whale (Around JPN) Fin whale (STOCK NOT SPECIFIED) Humpback whale (North Pacific) Risso's dolphin, grampus (Western NP)	Common minke whale (Around JPN): UNKNOWN Fin whale (STOCK NOT SPECIFIED): UNKNOWN Humpback whale (North Pacific): UNKNOWN Risso's dolphin, grampus (Western NP): UNKNOWN	
Blue mackerel (<i>Scomber australasicus</i>), Japanese jack mackerel (<i>Trachurus japonicus</i>), Pacific chub mackerel (<i>Scomber japonicus</i>)	dip nets, (Surface)	Number of Vessels: 4, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Shizuoka prefecture	Common minke whale (Around JPN) Fin whale (STOCK NOT SPECIFIED) Humpback whale (North Pacific) Risso's dolphin, grampus (Western NP)	Common minke whale (Around JPN): UNKNOWN Fin whale (STOCK NOT SPECIFIED): UNKNOWN Humpback whale (North Pacific): UNKNOWN Risso's dolphin, grampus (Western NP): UNKNOWN	
Blue mackerel (<i>Scomber australasicus</i>), Pacific chub mackerel (<i>Scomber japonicus</i>)	Other (Please Specify) spoon net, (Surface)	Number of Vessels: 6, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Shizuoka prefecture	Common minke whale (Around JPN) Fin whale (STOCK NOT SPECIFIED) Humpback whale (North Pacific) Risso's dolphin, grampus (Western NP)	Common minke whale (Around JPN): UNKNOWN Fin whale (STOCK NOT SPECIFIED): UNKNOWN Humpback whale (North Pacific): UNKNOWN Risso's dolphin, grampus (Western NP): UNKNOWN	
Splendid alonsino (<i>Beryx splendens</i>)	Longlines (not specified), (Demersal)	Number of Vessels: 50, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Shizuoka prefecture	Common minke whale (Around JPN) Fin whale (STOCK NOT SPECIFIED) Humpback whale (North Pacific) Risso's dolphin, grampus (Western NP)	Common minke whale (Around JPN): UNKNOWN Fin whale (STOCK NOT SPECIFIED): UNKNOWN Humpback whale (North Pacific): UNKNOWN Risso's dolphin, grampus (Western NP): UNKNOWN	
Blue mackerel (<i>Scomber australasicus</i>), Japanese anchovy (<i>Engraulis japonicus</i>), Japanese jack mackerel (<i>Trachurus japonicus</i>), Pacific chub mackerel (<i>Scomber japonicus</i>)	Purse seines, (Midwater)	Number of Vessels: 15, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Shizuoka prefecture	Common minke whale (Around JPN) Fin whale (STOCK NOT SPECIFIED) Humpback whale (North Pacific) Risso's dolphin, grampus (Western NP)	Common minke whale (Around JPN): UNKNOWN Fin whale (STOCK NOT SPECIFIED): UNKNOWN Humpback whale (North Pacific): UNKNOWN Risso's dolphin, grampus (Western NP): UNKNOWN	

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO NPFC
Oreo dories nei (Oreosomatidae), Pelagic armourheads nei (Pseudopentaceros spp), Splendid alfoncino (Beryx splendens)	Gillnets and entangling nets (not specified), (Bottom)	Number of Vessels: 1, Licenses: 1, Participants: none provided, Aquaculture Facilities: none provided	High Seas,(FAO:61 Pacific Northwest),NPFC convention area	Common bottlenose dolphin (Western NP) Common minke whale (Around JPN) Dall's porpoise, Dall porpoise (Dalli type stock) False killer whale (Western NP) Fin whale (STOCK NOT SPECIFIED) Humpback whale (North Pacific) Killer whale, orca (North Pacific) Melon-headed whale, Electra dolphin (Western NP) Risso's dolphin, grampus (Western NP) Striped dolphin (Western NP)	Common bottlenose dolphin (Western NP): UNKNOWN Common minke whale (Around JPN): UNKNOWN Dall's porpoise, Dall porpoise (Dalli type stock): UNKNOWN False killer whale (Western NP): UNKNOWN Fin whale (STOCK NOT SPECIFIED): UNKNOWN Humpback whale (North Pacific): UNKNOWN Killer whale, orca (North Pacific): UNKNOWN Melon-headed whale, Electra dolphin (Western NP): UNKNOWN Risso's dolphin, grampus (Western NP): UNKNOWN Striped dolphin (Western NP): UNKNOWN	RFMO NPFC
Anchovies nei (Engraulis spp), Herrings/sardines nei (Clupeidae), Jack and horse mackerels nei (Trachurus spp), Mackerels nei (Scombridae)	Purse seines, (Midwater)	Number of Vessels: none provided, Licenses: 19, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Kagoshima prefecture	Baleen whale unspecified (STOCK NOT SPECIFIED) Common minke whale (Around JPN) Finless porpoise unspecified (Coastal JPN) Humpback whale (North Pacific)	Baleen whale unspecified (STOCK NOT SPECIFIED): UNKNOWN Common minke whale (Around JPN): UNKNOWN Finless porpoise unspecified (Coastal JPN): UNKNOWN Humpback whale (North Pacific): UNKNOWN	RFMO NPFC
Lizardfishes nei (Synodontidae), marine shrimps nei	Trawls (not specified), (Bottom)	Number of Vessels: none provided, Licenses: 145, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Kagoshima prefecture	Baleen whale unspecified (STOCK NOT SPECIFIED) Common minke whale (Around JPN) Finless porpoise unspecified (Coastal JPN) Humpback whale (North Pacific)	Baleen whale unspecified (STOCK NOT SPECIFIED): UNKNOWN Common minke whale (Around JPN): UNKNOWN Finless porpoise unspecified (Coastal JPN): UNKNOWN Humpback whale (North Pacific): UNKNOWN	RFMO NPFC
Flyingfishes nei (Exocoetidae), Marlins,sailfishes,etc. nei (Istiophoridae), Silver-stripe round herring (Spratelloides gracilis)	Driftnets, (Surface)	Number of Vessels: none provided, Licenses: 425, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Kagoshima prefecture	Baleen whale unspecified (STOCK NOT SPECIFIED) Common minke whale (Around JPN) Finless porpoise unspecified (Coastal JPN) Humpback whale (North Pacific)	Baleen whale unspecified (STOCK NOT SPECIFIED): UNKNOWN Common minke whale (Around JPN): UNKNOWN Finless porpoise unspecified (Coastal JPN): UNKNOWN Humpback whale (North Pacific): UNKNOWN	RFMO NPFC
Jack and horse mackerels nei (Trachurus spp), Pacific halibut (Hippoglossus stenolepis), Porgies/seabreams nei (Sparidae)	Gillnets and entangling nets (not specified), (Bottom)	Number of Vessels: none provided, Licenses: 304, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Kagoshima prefecture	Baleen whale unspecified (STOCK NOT SPECIFIED) Common minke whale (Around JPN) Finless porpoise unspecified (Coastal JPN) Humpback whale (North Pacific)	Baleen whale unspecified (STOCK NOT SPECIFIED): UNKNOWN Common minke whale (Around JPN): UNKNOWN Finless porpoise unspecified (Coastal JPN): UNKNOWN Humpback whale (North Pacific): UNKNOWN	RFMO NPFC
Blue mackerel (Scomber australasicus), Greater amberjack (Seriola dumerili), Japanese amberjack (Seriola quinqueradiata), Japanese jack mackerel (Trachurus japonicus), Japanese pilchard (Sardinops melanostictus), Pacific chub mackerel (Scomber japonicus), Yellowtail amberjack (Seriola lalandi)	Purse seines, (Midwater)	Number of Vessels: 31, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Oita prefecture	Common bottlenose dolphin (Western NP) Common minke whale (Around JPN) Dall's porpoise, Dall porpoise (Dalli type stock) Dolphin unspecified (STOCK NOT SPECIFIED) Fin whale (STOCK NOT SPECIFIED) Finless porpoise unspecified (Coastal JPN) Humpback whale (North Pacific)	Common bottlenose dolphin (Western NP): 0 Common minke whale (Around JPN): 0 Dall's porpoise, Dall porpoise (Dalli type stock): 0 Dolphin unspecified (STOCK NOT SPECIFIED): 0 Fin whale (STOCK NOT SPECIFIED): 0 Finless porpoise unspecified (Coastal JPN): 0 Humpback whale (North Pacific): 0	RFMO NPFC
Anchovies nei (Engraulis spp), Herrings/sardines nei (Clupeidae), Jack and horse mackerels nei (Trachurus spp), Mackerels nei (Scombridae)	Purse seines, (Surface)	Number of Vessels: 62, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Nagasaki prefecture	Common bottlenose dolphin (Western NP) Common minke whale (Around JPN) Fin whale (STOCK NOT SPECIFIED) Finless porpoise unspecified (Coastal JPN) Humpback whale (North Pacific)	Common bottlenose dolphin (Western NP): 0 Common minke whale (Around JPN): 0 Fin whale (STOCK NOT SPECIFIED): 0 Finless porpoise unspecified (Coastal JPN): 0 Humpback whale (North Pacific): 0	RFMO NPFC
Flyingfishes nei (Exocoetidae)	Trawls (not specified), (Surface)	Number of Vessels: 373, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Nagasaki prefecture	Common bottlenose dolphin (Western NP) Common minke whale (Around JPN) Fin whale (STOCK NOT SPECIFIED) Finless porpoise unspecified (Coastal JPN) Humpback whale (North Pacific)	Common bottlenose dolphin (Western NP): 0 Common minke whale (Around JPN): 0 Fin whale (STOCK NOT SPECIFIED): 0 Finless porpoise unspecified (Coastal JPN): 0 Humpback whale (North Pacific): 0	RFMO NPFC
Blackthroat seaperch (Doederleinia berycoides), Greater amberjack (Seriola dumerili), Groupers nei (Epinephelus spp), Grunts nei (Haemulon spp), Japanese amberjack (Seriola quinqueradiata), Porgies/seabreams nei (Sparidae), Tilefishes nei (Branchiostegidae), Yellowtail amberjack (Seriola lalandi)	Longlines (not specified), (Bottom)	Number of Vessels: 100, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Nagasaki prefecture	Common bottlenose dolphin (Western NP) Common minke whale (Around JPN) Fin whale (STOCK NOT SPECIFIED) Finless porpoise unspecified (Coastal JPN) Humpback whale (North Pacific)	Common bottlenose dolphin (Western NP): 0 Common minke whale (Around JPN): 0 Fin whale (STOCK NOT SPECIFIED): 0 Finless porpoise unspecified (Coastal JPN): 0 Humpback whale (North Pacific): 0	RFMO NPFC

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Pacific bluefin tuna (<i>Thunnus orientalis</i>)	Trolling lines, (Surface)	Number of Vessels: 90, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Ehime prefecture	Risso's dolphin, grampus (Western NP) Striped dolphin (Western NP)	Risso's dolphin, grampus (Western NP): UNKNOWN Striped dolphin (Western NP): UNKNOWN	WCPFC
Japanese rockfish (<i>Sebastes inermis</i>)	Gillnets and entangling nets (not specified), (Midwater)	Number of Vessels: 854, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Ehime prefecture	Finless porpoise unspecified (Coastal JPN) Risso's dolphin, grampus (Western NP) Striped dolphin (Western NP)	Finless porpoise unspecified (Coastal JPN): UNKNOWN Risso's dolphin, grampus (Western NP): UNKNOWN Striped dolphin (Western NP): UNKNOWN	
Anchovies nei (<i>Engraulis</i> spp), Barracudas nei (<i>Sphyaena</i> spp), Cuttlefish/bobtail squids nei (<i>Sepiidae</i> , <i>Sepiolidae</i>), Flatfishes nei (<i>Pleuronectiformes</i>), Flathead grey mullet (<i>Mugil cephalus</i>), Frigate tuna (<i>Auxis thazard</i>), Greater amberjack (<i>Seriola dumerili</i>), Hairtails nei (<i>Trichiurus</i> spp), Herrings/sardines nei (<i>Clupeidae</i>), Jack and horse mackerels nei (<i>Trachurus</i> spp), Japanese Spanish mackerel (<i>Scomberomorus niphonius</i>), Japanese amberjack (<i>Seriola quinqueradiata</i>), Lizardfishes nei (<i>Synodontidae</i>), Mackerels nei (<i>Scombridae</i>), Porgies/seabreams nei (<i>Sparidae</i>), Pufferfishes nei (<i>Takifugu</i> spp), Various sharks nei (<i>Selachimorpha</i> (<i>Pleurotremata</i>)), Various squids nei (<i>Loliginidae</i> , <i>Ommastrephidae</i>)	Purse seines, (Surface)	Number of Vessels: 63, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Ehime prefecture	Baleen whale unspecified (STOCK NOT SPECIFIED) Risso's dolphin, grampus (Western NP) Striped dolphin (Western NP)	Baleen whale unspecified (STOCK NOT SPECIFIED): UNKNOWN Risso's dolphin, grampus (Western NP): UNKNOWN Striped dolphin (Western NP): UNKNOWN	
Barracudas nei (<i>Sphyaena</i> spp), Conger eels nei (<i>Conger</i> spp), Croakers/drums nei (<i>Sciaenidae</i>), Cuttlefish/bobtail squids nei (<i>Sepiidae</i> , <i>Sepiolidae</i>), Daggertooth pike conger (<i>Muraenesox cinereus</i>), Filefishes/leatherjackets nei (<i>Monacanthidae</i>), Flatfishes nei (<i>Pleuronectiformes</i>), Hairtails nei (<i>Trichiurus</i> spp), Jack and horse mackerels nei (<i>Trachurus</i> spp), Japanese rockfish (<i>Sebastes inermis</i>), Japanese seabass (<i>Lateolabrax japonicus</i>), Japanese whiting (<i>Sillago japonica</i>), Lizardfishes nei (<i>Synodontidae</i>), Octopuses nei (<i>Octopus</i> spp), Pacific rudderfish (<i>Psenopsis anomala</i>), Porgies/seabreams nei (<i>Sparidae</i>), Pufferfishes nei (<i>Takifugu</i> spp), <i>Sebastiscus marmoratus</i> (<i>Sebastiscus marmoratus</i>), Stingrays nei (<i>Dasyatis</i> spp), Various squids nei (<i>Loliginidae</i> , <i>Ommastrephidae</i>), marine shrimps nei	Dredges (not specified), (Bottom), Trawls (not specified), (Bottom)	Number of Vessels: 987, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Ehime prefecture	Baleen whale unspecified (STOCK NOT SPECIFIED) Finless porpoise unspecified (Coastal JPN) Risso's dolphin, grampus (Western NP) Striped dolphin (Western NP)	Baleen whale unspecified (STOCK NOT SPECIFIED): UNKNOWN Finless porpoise unspecified (Coastal JPN): UNKNOWN Risso's dolphin, grampus (Western NP): UNKNOWN Striped dolphin (Western NP): UNKNOWN	
Anchovies nei (<i>Engraulis</i> spp), Frigate tuna (<i>Auxis thazard</i>), Herrings/sardines nei (<i>Clupeidae</i>), Jack and horse mackerels nei (<i>Trachurus</i> spp), Japanese Spanish mackerel (<i>Scomberomorus niphonius</i>), Japanese halfbeak (<i>Hyporhamphus sajori</i>), Lizardfishes nei (<i>Synodontidae</i>)	Driftnets, (Midwater)	Number of Vessels: 365, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Ehime prefecture	Finless porpoise unspecified (Coastal JPN) Risso's dolphin, grampus (Western NP) Striped dolphin (Western NP)	Finless porpoise unspecified (Coastal JPN): UNKNOWN Risso's dolphin, grampus (Western NP): UNKNOWN Striped dolphin (Western NP): UNKNOWN	
Flatfishes nei (<i>Pleuronectiformes</i>), Flathead grey mullet (<i>Mugil cephalus</i>), Flatheads nei (<i>Platycephalidae</i>), Frigate tuna (<i>Auxis thazard</i>), Jack and horse mackerels nei (<i>Trachurus</i> spp), Japanese halfbeak (<i>Hyporhamphus sajori</i>), Japanese whiting (<i>Sillago japonica</i>), Marine crabs nei (<i>Brachyura</i>), Scads nei (<i>Decapterus</i> spp), Tilefishes nei (<i>Branchiostegidae</i>)	Gillnets and entangling nets (not specified), (Midwater)	Number of Vessels: 829, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Ehime prefecture	Finless porpoise unspecified (Coastal JPN) Risso's dolphin, grampus (Western NP) Striped dolphin (Western NP)	Finless porpoise unspecified (Coastal JPN): UNKNOWN Risso's dolphin, grampus (Western NP): UNKNOWN Striped dolphin (Western NP): UNKNOWN	
Blackhead seabream (<i>Acanthopagrus schlegeli</i>), Dotted gizzard shad (<i>Konosirus punctatus</i>), Flathead grey mullet (<i>Mugil cephalus</i>), Japanese amberjack (<i>Seriola quinqueradiata</i>), Parapristipoma trilineatum (<i>Parapristipoma trilineatum</i>)	Gillnets and entangling nets (not specified), (Midwater)	Number of Vessels: 129, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Ehime prefecture	Finless porpoise unspecified (Coastal JPN) Risso's dolphin, grampus (Western NP) Striped dolphin (Western NP)	Finless porpoise unspecified (Coastal JPN): UNKNOWN Risso's dolphin, grampus (Western NP): UNKNOWN Striped dolphin (Western NP): UNKNOWN	

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Conger eels nei (Conger spp), Croakers/drums nei (Sciaenidae), Daggertooth pike conger (Muraenesox cinereus), Filefishes/leatherjackets nei (Monacanthidae), Flatfishes nei (Pleuronectiformes), Greater amberjack (Seriola dumerili), Gurnards/searobins nei (Triglidae), Hairtails nei (Trichiurus spp), Jack and horse mackerels nei (Trachurus spp), Japanese Spanish mackerel (Scomberomorus niphonius), Japanese amberjack (Seriola quinqueradiata), Japanese rockfish (Sebastes inermis), Japanese seabass (Lateolabrax japonicus), Lizardfishes nei (Synodontidae), Mackerels nei (Scombridae), Porgies/seabreams nei (Sparidae), Pufferfishes nei (Takifugu spp), Sebastiscus marmoratus (Sebastiscus marmoratus), Splendid alfonsino (Beryx splendens), Stingrays nei (Dasyatis spp), Tilefishes nei (Branchiostegidae), Various sharks nei (Selachimorpha (Pleurotremata))	Longlines (not specified), (Bottom)	Number of Vessels: 437, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Ehime prefecture	Finless porpoise unspecified (Coastal JPN) Risso's dolphin, grampus (Western NP) Striped dolphin (Western NP)	Finless porpoise unspecified (Coastal JPN): UNKNOWN Risso's dolphin, grampus (Western NP): UNKNOWN Striped dolphin (Western NP): UNKNOWN	
Porgies/seabreams nei (Sparidae), Pufferfishes nei (Takifugu spp), Tilefishes nei (Branchiostegidae)	Longlines (not specified), (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: 224, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Fukuoka prefecture	Common bottlenose dolphin (Western NP) Common minke whale (Around JPN)	Common bottlenose dolphin (Western NP): UNKNOWN Common minke whale (Around JPN): UNKNOWN	
Blackhead seabream (Acanthopagrus schlegeli), Cuttlefish/bobtail squids nei (Sepiidae, Sepiolidae), Japanese halfbeak (Hyporhamphus sajori), Japanese whiting (Sillago japonica), Lizardfishes nei (Synodontidae), Porgies/seabreams nei (Sparidae), Sea cucumbers nei (Holothuroidea), Threadsail filefish (Stephanolepis cirrifer), Various squids nei (Loliginidae, Ommastrephidae), marine shrimps nei	Boat seines, (Midwater), Boat seines, (Surface), Bottom trawls (not specified), (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: 656, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Fukuoka prefecture	Common bottlenose dolphin (Western NP) Common minke whale (Around JPN)	Common bottlenose dolphin (Western NP): UNKNOWN Common minke whale (Around JPN): UNKNOWN	
Amberjacks nei (Seriola spp), Anchovies nei (Engraulis spp), Dolphinfishes nei (Coryphaenidae), Jack and horse mackerels nei (Trachurus spp), Japanese amberjack (Seriola quinqueradiata), Scomber mackerels nei (Scomber spp)	Purse seines, (Midwater)	Number of Vessels: none provided, Licenses: none provided, Participants: 10, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Fukuoka prefecture	Common bottlenose dolphin (Western NP) Common minke whale (Around JPN)	Common bottlenose dolphin (Western NP): UNKNOWN Common minke whale (Around JPN): UNKNOWN	
Japanese Spanish mackerel (Scomberomorus niphonius), Japanese halfbeak (Hyporhamphus sajori), Japanese seabass (Lateolabrax japonicus), Japanese whiting (Sillago japonica), Pacific saury (Cololabis saira), Rays and skates nei (Rajidae), Silver pomfrets nei (Pampus spp), Soles nei (Soleidae), marine shrimps nei	Driftnets, (Surface)	Number of Vessels: none provided, Licenses: none provided, Participants: 410, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Fukuoka prefecture	Common bottlenose dolphin (Western NP) Common minke whale (Around JPN)	Common bottlenose dolphin (Western NP): UNKNOWN Common minke whale (Around JPN): UNKNOWN	
Amberjacks nei (Seriola spp), Bastard halibuts nei (Paralichthys spp), Flatfishes nei (Pleuronectiformes), Flathead grey mullet (Mugil cephalus), Gazami crab (Portunus trituberculatus), Japanese halfbeak (Hyporhamphus sajori), Japanese seabass (Lateolabrax japonicus), Jellyfishes nei (Rhopilema spp), Marine crabs nei (Brachyura), marine shrimps nei	Gillnets and entangling nets (not specified), (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: 1312, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Fukuoka prefecture	Common bottlenose dolphin (Western NP) Common minke whale (Around JPN)	Common bottlenose dolphin (Western NP): UNKNOWN Common minke whale (Around JPN): UNKNOWN	
Blackhead seabream (Acanthopagrus schlegeli), Whip stingray (Dasyatis akajei)	Longlines (not specified), (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: 22, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Fukuoka prefecture	Common bottlenose dolphin (Western NP) Common minke whale (Around JPN)	Common bottlenose dolphin (Western NP): UNKNOWN Common minke whale (Around JPN): UNKNOWN	
Demersal fishes nei (Osteichthyes)	Trawls (not specified), (Bottom)	Number of Vessels: 11, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Kyoto prefecture	Common minke whale (Around JPN)	Common minke whale (Around JPN): 0	
Horsehead tilefish (Branchiostegus japonicus)	Longlines (not specified), (Demersal)	UNKNOWN	EEZ,(FAO:61 Pacific Northwest),Kyoto prefecture	Common minke whale (Around JPN)	Common minke whale (Around JPN): 0	

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Yellowtail amberjack (<i>Seriola lalandi</i>)	Gillnets and entangling nets (not specified), (Midwater)	UNKNOWN	EEZ,(FAO:61 Pacific Northwest),Kyoto prefecture	Common minke whale (Around JPN)	Common minke whale (Around JPN): 0	
Anchovies nei (<i>Engraulis</i> spp), Clams/etc. nei (<i>Bivalvia</i>), Cuttlefish/bobtail squids nei (<i>Sepiidae</i> , <i>Sepiolidae</i>), Halfbeak (<i>Oxyporhamphus convexus</i>), Herrings/sardines nei (<i>Clupeidae</i>), Japanese Spanish mackerel (<i>Scomberomorus niphonius</i>), Japanese rockfish (<i>Sebastes inermis</i>), Sandeels(=Sandlances) nei (<i>Ammodytes</i> spp), Sea cucumbers nei (<i>Holothuroidea</i>), Various squids nei (<i>Loliginidae</i> , <i>Ommastrephidae</i>), marine shrimps nei	Trawls (not specified), (Bottom)	Number of Vessels: none provided, Licenses: 1917, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Okayama prefecture	Finless porpoise unspecified (Coastal JPN)	Finless porpoise unspecified (Coastal JPN): UNKNOWN	
Largehead hairtail (<i>Trichiurus lepturus</i>), Pacific bluefin tuna (<i>Thunnus orientalis</i>)	Trolling lines, (Bottom)	Number of Vessels: 273, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Tokushima prefecture	Common minke whale (Around JPN) Striped dolphin (Western NP)	Common minke whale (Around JPN): UNKNOWN Striped dolphin (Western NP): UNKNOWN	
Anchovies nei (<i>Engraulis</i> spp), Croakers/drums nei (<i>Sciaenidae</i>), Cuttlefish/bobtail squids nei (<i>Sepiidae</i> , <i>Sepiolidae</i>), Daggertooth pike conger (<i>Muraenesox cinereus</i>), Filefishes/leatherjackets nei (<i>Monacanthidae</i>), Glowbelly (<i>Acropoma japonicum</i>), Gurnards/searobins nei (<i>Triglidae</i>), Herrings/sardines nei (<i>Clupeidae</i>), Jack and horse mackerels nei (<i>Trachurus</i> spp), Japanese halfbeak (<i>Hyporhamphus sajori</i>), Japanese seabass (<i>Lateolabrax japonicus</i>), Lizardfishes nei (<i>Synodontidae</i>), Mackerels nei (<i>Scombridae</i>), Pacific rudderfish (<i>Psenopsis anomala</i>), Porgies/seabreams nei (<i>Sparidae</i>), Sandeels(=Sandlances) nei (<i>Ammodytes</i> spp), Stingrays nei (<i>Dasyatis</i> spp), Various sharks nei (<i>Selachimorpha</i> (<i>Pleurotremata</i>)), Various squids nei (<i>Loliginidae</i> , <i>Ommastrephidae</i>)	Trawls (not specified), (Surface)	Number of Vessels: 821, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Ehime prefecture	Baleen whale unspecified (STOCK NOT SPECIFIED) Finless porpoise unspecified (Coastal JPN) Risso's dolphin, grampus (Western NP) Striped dolphin (Western NP)	Baleen whale unspecified (STOCK NOT SPECIFIED): UNKNOWN Finless porpoise unspecified (Coastal JPN): UNKNOWN Risso's dolphin, grampus (Western NP): UNKNOWN Striped dolphin (Western NP): UNKNOWN	
Conger eels nei (<i>Conger</i> spp), Flatfishes nei (<i>Pleuronectiformes</i>), Greeneyes (<i>Chlorophthalmidae</i>), Japanese flying squid (<i>Todarodes pacificus</i>), Japanese jack mackerel (<i>Trachurus japonicus</i>), Monkfishes nei (<i>Lophius</i> spp), Octopuses nei (<i>Octopus</i> spp), Spear squid (<i>Loligo bleekeri</i>)	Otter trawls (not specified), (Benthic)	Number of Vessels: 15, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Ibaraki prefecture	Common bottlenose dolphin (Western NP) Indo-Pacific finless porpoise (Coastal JPN) Melon-headed whale, Electra dolphin (Western NP)	Common bottlenose dolphin (Western NP): UNKNOWN Indo-Pacific finless porpoise (Coastal JPN): UNKNOWN Melon-headed whale, Electra dolphin (Western NP): UNKNOWN	
Flatfishes nei (<i>Pleuronectiformes</i>), Japanese anchovy (<i>Engraulis japonicus</i>), Japanese halfbeak (<i>Hyporhamphus sajori</i>), Japanese icefish (<i>Salangichthys microdon</i>), Japanese pilchard (<i>Sardinops melanostictus</i>), Japanese seabream (<i>Pagrus major</i>)	Trawls (not specified), (Midwater)	Number of Vessels: 336, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Ibaraki prefecture	Common bottlenose dolphin (Western NP) Indo-Pacific finless porpoise (Coastal JPN) Melon-headed whale, Electra dolphin (Western NP)	Common bottlenose dolphin (Western NP): NOT PROVIDED Indo-Pacific finless porpoise (Coastal JPN): NOT PROVIDED Melon-headed whale, Electra dolphin (Western NP): NOT PROVIDED	
Conger eels nei (<i>Conger</i> spp), Cuttlefish/bobtail squids nei (<i>Sepiidae</i> , <i>Sepiolidae</i>), Filefishes/leatherjackets nei (<i>Monacanthidae</i>), Flatfishes nei (<i>Pleuronectiformes</i>), Flathead grey mullet (<i>Mugil cephalus</i>), Greater amberjack (<i>Seriola dumerili</i>), Groupers/seabasses nei (<i>Serranidae</i>), Grunts nei (<i>Haemulon</i> spp), Jack and horse mackerels nei (<i>Trachurus</i> spp), Japanese amberjack (<i>Seriola quinqueradiata</i>), Japanese rockfish (<i>Sebastes inermis</i>), Mackerels nei (<i>Scombridae</i>), Marine crabs nei (<i>Brachyura</i>), Octopuses nei (<i>Octopus</i> spp), Parapristipoma trilineatum (<i>Parapristipoma trilineatum</i>), Porgies/seabreams nei (<i>Sparidae</i>), Sebastiscus marmoratus (<i>Sebastiscus marmoratus</i>), Various squids nei (<i>Loliginidae</i> , <i>Ommastrephidae</i>), marine shrimps nei	Basket traps, (Bottom)	Number of Vessels: 397, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Ehime prefecture	Baleen whale unspecified (STOCK NOT SPECIFIED) Finless porpoise unspecified (Coastal JPN) Risso's dolphin, grampus (Western NP) Striped dolphin (Western NP)	Baleen whale unspecified (STOCK NOT SPECIFIED): UNKNOWN Finless porpoise unspecified (Coastal JPN): UNKNOWN Risso's dolphin, grampus (Western NP): UNKNOWN Striped dolphin (Western NP): UNKNOWN	

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Albacore (Thunnus alalunga), Bigeye tuna (Thunnus obesus), Pacific bluefin tuna (Thunnus orientalis), Skipjack tuna (Katsuwonus pelamis), Swordfish (Xiphias gladius), Yellowfin tuna (Thunnus albacares)	Longlines (not specified), (Surface)	Number of Vessels: 434, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	High Seas,EEZ,Cape Verde Islands,Marshall Islands,Mauritania,Morocco, Nauru,Palau,Papua New Guinea,Solomon Islands,South Africa,(FAO:77 Pacific Eastern Central, FAO:67 Pacific Northeast, FAO:61 Pacific Northwest, FAO:87 Pacific Southeast, FAO:81 Pacific Southwest, FAO:71 Pacific Western Central),High seas, Western Central Pacific Convention Area, Eastern Tropical Pacific Ocean Inter-American Tropical Tuna Convention Area	Common bottlenose dolphin (Western NP) Common minke whale (Around JPN) Dall's porpoise, Dall porpoise (Dalli type stock) Dolphin unspecified (STOCK NOT SPECIFIED) False killer whale (Western NP) Fin whale (STOCK NOT SPECIFIED) Humpback whale (North Pacific) Killer whale, orca (North Pacific) Melon-headed whale, Electra dolphin (Western NP) Risso's dolphin, grampus (Western NP) Seal unspecified (STOCK NOT SPECIFIED) Striped dolphin (Western NP)	Common bottlenose dolphin (Western NP): UNKNOWN Common minke whale (Around JPN): UNKNOWN Dall's porpoise, Dall porpoise (Dalli type stock): UNKNOWN Dolphin unspecified (STOCK NOT SPECIFIED): UNKNOWN False killer whale (Western NP): UNKNOWN Fin whale (STOCK NOT SPECIFIED): UNKNOWN Humpback whale (North Pacific): UNKNOWN Killer whale, orca (North Pacific): UNKNOWN Melon-headed whale, Electra dolphin (Western NP): UNKNOWN Risso's dolphin, grampus (Western NP): UNKNOWN Seal unspecified (STOCK NOT SPECIFIED): UNKNOWN Striped dolphin (Western NP): UNKNOWN	IATTC,W CPFC
Albacore (Thunnus alalunga), Bigeye tuna (Thunnus obesus), Skipjack tuna (Katsuwonus pelamis), Southern bluefin tuna (Thunnus maccoyii), Yellowfin tuna (Thunnus albacares)	Longlines (not specified), (Surface)	Number of Vessels: 185, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	High Seas, EEZ, Madagascar, Mexico, Mozambique,(FAO:47 Atlantic Southeast, FAO:41 Atlantic Southwest, FAO:57 Indian Ocean Eastern, FAO:51 Indian Ocean Western, FAO:87 Pacific Southeast, FAO:81 Pacific Southwest),Indian Ocean Indian Ocean Tuna Commission Convention Area			CCSBT,IO TC
Albacore (Thunnus alalunga), Atlantic bluefin tuna (Thunnus thynnus), Bigeye tuna (Thunnus obesus), Skipjack tuna (Katsuwonus pelamis), Yellowfin tuna (Thunnus albacares)	Longlines (not specified), (Surface)	Number of Vessels: 185, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	High Seas,EEZ,Cape Verde Islands,Mauritania,Morocco, South Africa,(FAO:48 Atlantic Antarctic, FAO:34 Atlantic Eastern Central, FAO:27 Atlantic Northeast, FAO:21 Atlantic Northwest, FAO:47 Atlantic Southeast, FAO:41 Atlantic Southwest, FAO:31 Atlantic Western Central),Atlantic Ocean International Convention Conservation of Atlantic Tuna Convention Area			ICCAT

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO CCSBT
Albacore (Thunnus alalunga), Bigeye tuna (Thunnus obesus), Skipjack tuna (Katsuwonus pelamis), Southern bluefin tuna (Thunnus maccoyii), Yellowfin tuna (Thunnus albacares)	Longlines (not specified), (Surface)	Number of Vessels: 185, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	High Seas,EEZ,(FAO:47 Atlantic Southeast, FAO:41 Atlantic Southwest, FAO:57 Indian Ocean Eastern, FAO:51 Indian Ocean Western, FAO:87 Pacific Southeast, FAO:81 Pacific Southwest),Southern Bluefin Tuna Convention Area			
Chum(=Keta=Dog) salmon (Oncorhynchus keta)	Pound nets, (Midwater)	Number of Vessels: 1120, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Hokkaido prefecture	Common minke whale (Around JPN) Dall's porpoise, Dall porpoise (Dalli type stock) Fur seal unspecified (STOCK NOT SPECIFIED) Harbor porpoise (STOCK NOT SPECIFIED) Humpback whale (North Pacific) North Pacific right whale (STOCK NOT SPECIFIED) Sea lion unspecified (STOCK NOT SPECIFIED) Seal unspecified (STOCK NOT SPECIFIED)	Common minke whale (Around JPN): UNKNOWN Dall's porpoise, Dall porpoise (Dalli type stock): UNKNOWN Fur seal unspecified (STOCK NOT SPECIFIED): UNKNOWN Harbor porpoise (STOCK NOT SPECIFIED): UNKNOWN Humpback whale (North Pacific): 0 North Pacific right whale (STOCK NOT SPECIFIED): UNKNOWN Sea lion unspecified (STOCK NOT SPECIFIED): UNKNOWN Seal unspecified (STOCK NOT SPECIFIED): UNKNOWN	
Alaska pollock(=Walleye poll.) (Theragra chalcogramma), Flatfishes nei (Pleuronectiformes), Japanese flying squid (Todarodes pacificus), Pacific cod (Gadus macrocephalus), Pacific salmon nei (Oncorhynchus spp)	Pound nets, (Benthic)	Number of Vessels: 2831, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Hokkaido prefecture	Common minke whale (Around JPN) Dall's porpoise, Dall porpoise (Dalli type stock) Fur seal unspecified (STOCK NOT SPECIFIED) Harbor porpoise (STOCK NOT SPECIFIED) Humpback whale (North Pacific) North Pacific right whale (STOCK NOT SPECIFIED) Sea lion unspecified (STOCK NOT SPECIFIED) Seal unspecified (STOCK NOT SPECIFIED)	Common minke whale (Around JPN): 0 Dall's porpoise, Dall porpoise (Dalli type stock): 0 Fur seal unspecified (STOCK NOT SPECIFIED): UNKNOWN Harbor porpoise (STOCK NOT SPECIFIED): 0 Humpback whale (North Pacific): 0 North Pacific right whale (STOCK NOT SPECIFIED): 0 Sea lion unspecified (STOCK NOT SPECIFIED): 0 Seal unspecified (STOCK NOT SPECIFIED): 0	
Alaska pollock(=Walleye poll.) (Theragra chalcogramma), Chum(=Keta=Dog) salmon (Oncorhynchus keta), Flatfishes nei (Pleuronectiformes), Pacific cod (Gadus macrocephalus), Pacific herring (Clupea pallasii), Pacific salmon nei (Oncorhynchus spp), Pacific saury (Cololabis saira)	Drift gillnets, (Midwater)	Number of Vessels: 9700, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Hokkaido prefecture	Common minke whale (Around JPN) Dall's porpoise, Dall porpoise (Dalli type stock) Fur seal unspecified (STOCK NOT SPECIFIED) Harbor porpoise (STOCK NOT SPECIFIED) Humpback whale (North Pacific) North Pacific right whale (STOCK NOT SPECIFIED) Sea lion unspecified (STOCK NOT SPECIFIED) Seal unspecified (STOCK NOT SPECIFIED)	Common minke whale (Around JPN): 0 Dall's porpoise, Dall porpoise (Dalli type stock): 0 Fur seal unspecified (STOCK NOT SPECIFIED): 0 Harbor porpoise (STOCK NOT SPECIFIED): UNKNOWN Humpback whale (North Pacific): 0 North Pacific right whale (STOCK NOT SPECIFIED): 0 Sea lion unspecified (STOCK NOT SPECIFIED): UNKNOWN Seal unspecified (STOCK NOT SPECIFIED): 0	
Alaska pollock(=Walleye poll.) (Theragra chalcogramma), Flatfishes nei (Pleuronectiformes), Pacific cod (Gadus macrocephalus)	trap nets/stationary nets, (Bottom)	Number of Vessels: 1075, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Hokkaido prefecture	Common minke whale (Around JPN) Dall's porpoise, Dall porpoise (Dalli type stock) Fur seal unspecified (STOCK NOT SPECIFIED) Harbor porpoise (STOCK NOT SPECIFIED) Humpback whale (North Pacific) North Pacific right whale (STOCK NOT SPECIFIED) Sea lion unspecified (STOCK NOT SPECIFIED) Seal unspecified (STOCK NOT SPECIFIED)	Common minke whale (Around JPN): 0 Dall's porpoise, Dall porpoise (Dalli type stock): 0 Fur seal unspecified (STOCK NOT SPECIFIED): UNKNOWN Harbor porpoise (STOCK NOT SPECIFIED): 0 Humpback whale (North Pacific): 0 North Pacific right whale (STOCK NOT SPECIFIED): 0 Sea lion unspecified (STOCK NOT SPECIFIED): UNKNOWN Seal unspecified (STOCK NOT SPECIFIED): UNKNOWN	
Blue mackerel (Scomber australasicus), Chum(=Keta=Dog) salmon (Oncorhynchus keta), Pacific chub mackerel (Scomber japonicus)	Pound nets, (Midwater)	Number of Vessels: none provided, Licenses: 81, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Iwate prefecture	Common bottlenose dolphin (Western NP) Common minke whale (Around JPN) Fin whale (STOCK NOT SPECIFIED) Fur seal unspecified (STOCK NOT SPECIFIED)	Common bottlenose dolphin (Western NP): UNKNOWN Common minke whale (Around JPN): UNKNOWN Fin whale (STOCK NOT SPECIFIED): UNKNOWN Fur seal unspecified (STOCK NOT SPECIFIED): UNKNOWN	
Chum(=Keta=Dog) salmon (Oncorhynchus keta)	Pound nets, (Midwater)	Number of Vessels: none provided, Licenses: 87, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Miyagi prefecture	Common minke whale (Around JPN) Finless porpoise unspecified (Coastal JPN) Fur seal unspecified (STOCK NOT SPECIFIED) Humpback whale (North Pacific)	Common minke whale (Around JPN): UNKNOWN Finless porpoise unspecified (Coastal JPN): UNKNOWN Fur seal unspecified (STOCK NOT SPECIFIED): UNKNOWN Humpback whale (North Pacific): UNKNOWN	

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Japanese amberjack (<i>Seriola quinqueradiata</i>), Mackerels nei (<i>Scombridae</i>)	Pound nets, (Midwater)	Number of Vessels: none provided, Licenses: 15, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Shizuoka prefecture	Common minke whale (Around JPN) Fin whale (STOCK NOT SPECIFIED) Humpback whale (North Pacific) Risso's dolphin, grampus (Western NP)	Common minke whale (Around JPN): UNKNOWN Fin whale (STOCK NOT SPECIFIED): UNKNOWN Humpback whale (North Pacific): UNKNOWN Risso's dolphin, grampus (Western NP): UNKNOWN	
Blue mackerel (<i>Scomber australasicus</i>), Japanese jack mackerel (<i>Trachurus japonicus</i>), Kawakawa/mackerel tuna (<i>Euthynnus affinis</i>), Pacific bluefin tuna (<i>Thunnus orientalis</i>), Yellowtail amberjack (<i>Seriola lalandi</i>)	Pound nets, (Midwater)	Number of Vessels: none provided, Licenses: 1, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Tokushima prefecture	Common minke whale (Around JPN) Striped dolphin (Western NP)	Common minke whale (Around JPN): UNKNOWN Striped dolphin (Western NP): UNKNOWN	
Cuttlefish/bobtail squids nei (<i>Sepiidae</i> , <i>Sepiolidae</i>), Dolphinfishes nei (<i>Coryphaenidae</i>), Flyingfishes nei (<i>Exocoetidae</i>), Japanese amberjack (<i>Seriola quinqueradiata</i>), Largescale blackfish (<i>Girella punctata</i>), Various squids nei (<i>Loliginidae</i> , <i>Ommastrephidae</i>), Yellowtail amberjack (<i>Seriola lalandi</i>)	Pound nets, (Pelagic)	Number of Vessels: 339, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Nagasaki prefecture	Common bottlenose dolphin (Western NP) Common minke whale (Around JPN) Fin whale (STOCK NOT SPECIFIED) Finless porpoise unspecified (Coastal JPN) Humpback whale (North Pacific)	Common bottlenose dolphin (Western NP): 0 Common minke whale (Around JPN): 8 Fin whale (STOCK NOT SPECIFIED): 0 Finless porpoise unspecified (Coastal JPN): 0 Humpback whale (North Pacific): 0	
Blue mackerel (<i>Scomber australasicus</i>), Greater amberjack (<i>Seriola dumerili</i>), Japanese amberjack (<i>Seriola quinqueradiata</i>), Japanese jack mackerel (<i>Trachurus japonicus</i>), Japanese seabream (<i>Pagrus major</i>), Pacific chub mackerel (<i>Scomber japonicus</i>), Yellowtail amberjack (<i>Seriola lalandi</i>)	Pound nets, (Midwater)	Number of Vessels: 143, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Oita prefecture	Common bottlenose dolphin (Western NP) Common minke whale (Around JPN) Fin whale (STOCK NOT SPECIFIED) Finless porpoise unspecified (Coastal JPN) Humpback whale (North Pacific)	Common bottlenose dolphin (Western NP): .7 Common minke whale (Around JPN): .7 Fin whale (STOCK NOT SPECIFIED): 0 Finless porpoise unspecified (Coastal JPN): 0 Humpback whale (North Pacific): 0	
Blackspot/red seabream (<i>Pagellus bogaraveo</i>), Blacktip grouper (<i>Epinephelus fasciatus</i>), Blue eyes (<i>Pseudomugilidae</i>), Crimson seabream (<i>Evynnis japonica</i>), Golden threadfin bream (<i>Nemipterus virgatus</i>), Greater amberjack (<i>Seriola dumerili</i>), Hong Kong grouper (<i>Epinephelus akaara</i>), Japanese amberjack (<i>Seriola quinqueradiata</i>), Japanese soldierfish (<i>Ostichthys japonicus</i>), Oplegnathus fasciatus (<i>Oplegnathus fasciatus</i>), Red tonguesole (<i>Cynoglossus joyneri</i>), Rudderfish (<i>Centrolophus niger</i>), Sebastiscus marmoratus (<i>Sebastiscus marmoratus</i>), Splendid alfonso (<i>Beryx splendens</i>), Spotted knifejaw (<i>Oplegnathus punctatus</i>), Spottedtail morwong (<i>Cheilodactylus zonatus</i>), Yellow grouper (<i>Epinephelus awoara</i>), Yellowback seabream (<i>Dentex tumifrons</i>)	Pound nets, (Midwater)	Number of Vessels: 11, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Miyazaki prefecture	Common bottlenose dolphin (Western NP) Common minke whale (Around JPN) Humpback whale (North Pacific) Risso's dolphin, grampus (Western NP)	Common bottlenose dolphin (Western NP): UNKNOWN Common minke whale (Around JPN): UNKNOWN Humpback whale (North Pacific): UNKNOWN Risso's dolphin, grampus (Western NP): UNKNOWN	
Herrings/sardines nei (<i>Clupeidae</i>), Jack and horse mackerels nei (<i>Trachurus spp</i>), Mackerels nei (<i>Scombridae</i>), Yellowtail amberjack (<i>Seriola lalandi</i>)	Pound nets, (Surface)	Number of Vessels: none provided, Licenses: 27, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Kagoshima prefecture	Baleen whale unspecified (STOCK NOT SPECIFIED) Common minke whale (Around JPN) Finless porpoise unspecified (Coastal JPN) Humpback whale (North Pacific)	Baleen whale unspecified (STOCK NOT SPECIFIED): UNKNOWN Common minke whale (Around JPN): UNKNOWN Finless porpoise unspecified (Coastal JPN): UNKNOWN Humpback whale (North Pacific): UNKNOWN	
Alaska pollock(=Walleye poll.) (<i>Theragra chalcogramma</i>), Pacific cod (<i>Gadus macrocephalus</i>)	Longlines (not specified), (Bottom)	UNKNOWN	EEZ,(FAO:61 Pacific Northwest),Iwate prefecture	Common bottlenose dolphin (Western NP) Common minke whale (Around JPN) Fin whale (STOCK NOT SPECIFIED) Fur seal unspecified (STOCK NOT SPECIFIED)	Common bottlenose dolphin (Western NP): UNKNOWN Common minke whale (Around JPN): UNKNOWN Fin whale (STOCK NOT SPECIFIED): UNKNOWN Fur seal unspecified (STOCK NOT SPECIFIED): UNKNOWN	
Anchovies nei (<i>Engraulis spp</i>), Herrings/sardines nei (<i>Clupeidae</i>), Jack and horse mackerels nei (<i>Trachurus spp</i>), Japanese amberjack (<i>Seriola quinqueradiata</i>), Japanese seabass (<i>Lateolabrax japonicus</i>), Mackerels nei (<i>Scombridae</i>)	Purse seines, (Midwater)	Number of Vessels: 28, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Offshore Chiba prefecture	Common minke whale (Around JPN) Striped dolphin (Western NP) Whale unspecified (STOCK NOT SPECIFIED)	Common minke whale (Around JPN): UNKNOWN Striped dolphin (Western NP): UNKNOWN Whale unspecified (STOCK NOT SPECIFIED): UNKNOWN	
Alaska pollock(=Walleye poll.) (<i>Theragra chalcogramma</i>), Pacific cod (<i>Gadus macrocephalus</i>)	Longlines (not specified), (Benthic)	Number of Vessels: 162, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Hokkaido prefecture	Common minke whale (Around JPN) Dall's porpoise, Dall porpoise (Dalli type stock) Fur seal unspecified (STOCK NOT SPECIFIED) Harbor porpoise (STOCK NOT SPECIFIED) Humpback whale (North Pacific) Sea lion unspecified (STOCK NOT SPECIFIED) Seal unspecified (STOCK NOT SPECIFIED) Striped dolphin (Western NP)	Common minke whale (Around JPN): 0 Dall's porpoise, Dall porpoise (Dalli type stock): 0 Fur seal unspecified (STOCK NOT SPECIFIED): 0 Harbor porpoise (STOCK NOT SPECIFIED): 0 Humpback whale (North Pacific): 0 Sea lion unspecified (STOCK NOT SPECIFIED): 0 Seal unspecified (STOCK NOT SPECIFIED): 0 Striped dolphin (Western NP): 0	

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Sea urchins nei (Strongylocentrotus spp), marine shrimps nei	Trawls (not specified), (Bottom)	Number of Vessels: 276, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Hokkaido prefecture	Common minke whale (Around JPN) Dall's porpoise, Dall porpoise (Dalli type stock) Fur seal unspecified (STOCK NOT SPECIFIED) Harbor porpoise (STOCK NOT SPECIFIED) Humpback whale (North Pacific) Sea lion unspecified (STOCK NOT SPECIFIED) Seal unspecified (STOCK NOT SPECIFIED) Striped dolphin (Western NP)	Common minke whale (Around JPN): 0 Dall's porpoise, Dall porpoise (Dalli type stock): 0 Fur seal unspecified (STOCK NOT SPECIFIED): 0 Harbor porpoise (STOCK NOT SPECIFIED): 0 Humpback whale (North Pacific): 0 Sea lion unspecified (STOCK NOT SPECIFIED): 0 Seal unspecified (STOCK NOT SPECIFIED): 0 Striped dolphin (Western NP): 0	
Chum(=Keta=Dog) salmon (Oncorhynchus keta)	Longlines (not specified), (Midwater)	Number of Vessels: 25, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Hokkaido prefecture	Common minke whale (Around JPN) Dall's porpoise, Dall porpoise (Dalli type stock) Fur seal unspecified (STOCK NOT SPECIFIED) Harbor porpoise (STOCK NOT SPECIFIED) Humpback whale (North Pacific) Sea lion unspecified (STOCK NOT SPECIFIED) Seal unspecified (STOCK NOT SPECIFIED) Striped dolphin (Western NP)	Common minke whale (Around JPN): 0 Dall's porpoise, Dall porpoise (Dalli type stock): 0 Fur seal unspecified (STOCK NOT SPECIFIED): 0 Harbor porpoise (STOCK NOT SPECIFIED): 0 Humpback whale (North Pacific): 0 Sea lion unspecified (STOCK NOT SPECIFIED): 0 Seal unspecified (STOCK NOT SPECIFIED): 0 Striped dolphin (Western NP): 0	
Pacific salmon neis (Oncorhynchus spp)	Longlines (not specified), (Midwater)	Number of Vessels: 17, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Hokkaido prefecture	Common minke whale (Around JPN) Dall's porpoise, Dall porpoise (Dalli type stock) Fur seal unspecified (STOCK NOT SPECIFIED) Harbor porpoise (STOCK NOT SPECIFIED) Humpback whale (North Pacific) Sea lion unspecified (STOCK NOT SPECIFIED) Seal unspecified (STOCK NOT SPECIFIED) Striped dolphin (Western NP)	Common minke whale (Around JPN): 0 Dall's porpoise, Dall porpoise (Dalli type stock): 0 Fur seal unspecified (STOCK NOT SPECIFIED): 0 Harbor porpoise (STOCK NOT SPECIFIED): 0 Humpback whale (North Pacific): 0 Sea lion unspecified (STOCK NOT SPECIFIED): 0 Seal unspecified (STOCK NOT SPECIFIED): 0 Striped dolphin (Western NP): 0	
Albacore (Thunnus alalunga), Bigeye tuna (Thunnus obesus), Daggertooth pike conger (Muraenesox cinereus), Japanese Spanish mackerel (Scomberomorus niphonius), Largehead hairtail (Trichiurus lepturus), Pacific bluefin tuna (Thunnus orientalis), Yellowfin tuna (Thunnus albacares)	Longlines (not specified), (Bottom)	Number of Vessels: 136, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Tokushima prefecture	Common minke whale (Around JPN) Striped dolphin (Western NP)	Common minke whale (Around JPN): UNKNOWN Striped dolphin (Western NP): UNKNOWN	
Blackspot/red seabream (Pagellus bogaraveo), Bullseye (Apogonichthyoides nigripinnis), Crimson seabream (Evynnis japonica), Daggertooth pike conger (Muraenesox cinereus), Golden threadfin bream (Nemipterus virgatus), Greeneyes (Chlorophthalmidae), Japanese soldierfish (Ostichthys japonicus), Oplegnathus fasciatus (Oplegnathus fasciatus), Pacific harvestfish (Peprilus medius), Red tonguesole (Cynoglossus joyneri), Rudderfish (Centrolophus niger), Sebastiscus marmoratus (Sebastiscus marmoratus), Spotted knifejaw (Oplegnathus punctatus), Spottedtail morwong (Cheilodactylus zonatus), Yellow grouper (Epinephelus awoara), Yellowback seabream (Dentex tumifrons)	Trawls (not specified), (Bottom)	Number of Vessels: 147, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Miyazaki prefecture	Common bottlenose dolphin (Western NP) Common minke whale (Around JPN) Humpback whale (North Pacific) Risso's dolphin, grampus (Western NP)	Common bottlenose dolphin (Western NP): UNKNOWN Common minke whale (Around JPN): UNKNOWN Humpback whale (North Pacific): UNKNOWN Risso's dolphin, grampus (Western NP): UNKNOWN	
Common dolphinfish (Coryphaena hippurus), Herrings/sardines nei (Clupeidae), Japanese jack mackerel (Trachurus japonicus), Pacific chub mackerel (Scomber japonicus), Silver-stripe round herring (Spratelloides gracilis)	Purse seines, (Midwater)	Number of Vessels: 31, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Miyazaki prefecture	Common bottlenose dolphin (Western NP) Common minke whale (Around JPN) Humpback whale (North Pacific) Risso's dolphin, grampus (Western NP)	Common bottlenose dolphin (Western NP): UNKNOWN Common minke whale (Around JPN): UNKNOWN Humpback whale (North Pacific): UNKNOWN Risso's dolphin, grampus (Western NP): UNKNOWN	
Common dolphinfish (Coryphaena hippurus), Herrings/sardines nei (Clupeidae), Japanese jack mackerel (Trachurus japonicus), Pacific chub mackerel (Scomber japonicus), Silver-stripe round herring (Spratelloides gracilis)	Purse seines, (Midwater)	Number of Vessels: 29, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Miyazaki prefecture	Common bottlenose dolphin (Western NP) Common minke whale (Around JPN) Humpback whale (North Pacific) Risso's dolphin, grampus (Western NP)	Common bottlenose dolphin (Western NP): UNKNOWN Common minke whale (Around JPN): UNKNOWN Humpback whale (North Pacific): UNKNOWN Risso's dolphin, grampus (Western NP): UNKNOWN	
Barracudas nei (Sphyræna spp), Dotted gizzard shad (Konosirus punctatus), Herrings/sardines nei (Clupeidae), Japanese Spanish mackerel (Scomberomorus niphonius), Japanese flyingfish (Cypselurus agoo), Japanese jack mackerel (Trachurus japonicus), Pacific rudderfish (Psenopsis anomala)	Driftnets, (Midwater)	Number of Vessels: 182, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Miyazaki prefecture	Common bottlenose dolphin (Western NP) Common minke whale (Around JPN) Humpback whale (North Pacific) Risso's dolphin, grampus (Western NP)	Common bottlenose dolphin (Western NP): UNKNOWN Common minke whale (Around JPN): UNKNOWN Humpback whale (North Pacific): UNKNOWN Risso's dolphin, grampus (Western NP): UNKNOWN	

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Barracudas nei (<i>Sphyræna</i> spp), Hairtails nei (<i>Trichiurus</i> spp), Japanese whiting (<i>Sillago japonica</i>), Tade gray mullet (<i>Chelon planiceps</i>), White croaker (<i>Genyonemus lineatus</i>)	Gillnets and entangling nets (not specified), (Midwater)	Number of Vessels: 152, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Miyazaki prefecture	Common bottlenose dolphin (Western NP) Common minke whale (Around JPN) Humpback whale (North Pacific) Risso's dolphin, grampus (Western NP)	Common bottlenose dolphin (Western NP): UNKNOWN Common minke whale (Around JPN): UNKNOWN Humpback whale (North Pacific): UNKNOWN Risso's dolphin, grampus (Western NP): UNKNOWN	
Albacore (<i>Thunnus alalunga</i>), Bigeye tuna (<i>Thunnus obesus</i>), Pacific bluefin tuna (<i>Thunnus orientalis</i>), Striped marlin (<i>Tetrapturus audax</i>), Swordfish (<i>Xiphias gladius</i>), Yellowfin tuna (<i>Thunnus albacares</i>)	Longlines (not specified), (Midwater)	Number of Vessels: 92, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Miyazaki prefecture	Common bottlenose dolphin (Western NP) Common minke whale (Around JPN) Humpback whale (North Pacific) Risso's dolphin, grampus (Western NP)	Common bottlenose dolphin (Western NP): UNKNOWN Common minke whale (Around JPN): UNKNOWN Humpback whale (North Pacific): UNKNOWN Risso's dolphin, grampus (Western NP): UNKNOWN	
Groupers/seabasses nei (<i>Serranidae</i>), Grunts nei (<i>Haemulon</i> spp), Largescale blackfish (<i>Girella punctata</i>), Porgies/seabreams nei (<i>Sparidae</i>)	Gillnets and entangling nets (not specified), (Bottom)	Number of Vessels: 410, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Nagasaki prefecture	Common bottlenose dolphin (Western NP) Common minke whale (Around JPN) Fin whale (STOCK NOT SPECIFIED) Finless porpoise unspecified (Coastal JPN) Humpback whale (North Pacific)	Common bottlenose dolphin (Western NP): 0 Common minke whale (Around JPN): 0 Fin whale (STOCK NOT SPECIFIED): 0 Finless porpoise unspecified (Coastal JPN): 4 Humpback whale (North Pacific): 0	
Pelagic armourheads nei (<i>Pseudopentaceros</i> spp), Splendid alfonso (<i>Beryx splendens</i>)	Trawls (not specified), (Bottom)	Number of Vessels: 4, Licenses: 4, Participants: none provided, Aquaculture Facilities: none provided	High Seas,(FAO:61 Pacific Northwest),NPFC convention area	Common bottlenose dolphin (Western NP) Common minke whale (Around JPN) Dall's porpoise, Dall porpoise (Dalli type stock) False killer whale (Western NP) Fin whale (STOCK NOT SPECIFIED) Humpback whale (North Pacific) Killer whale, orca (North Pacific) Melon-headed whale, Electra dolphin (Western NP) Risso's dolphin, grampus (Western NP) Striped dolphin (Western NP)	Common bottlenose dolphin (Western NP): UNKNOWN Common minke whale (Around JPN): UNKNOWN Dall's porpoise, Dall porpoise (Dalli type stock): UNKNOWN False killer whale (Western NP): UNKNOWN Fin whale (STOCK NOT SPECIFIED): UNKNOWN Humpback whale (North Pacific): UNKNOWN Killer whale, orca (North Pacific): UNKNOWN Melon-headed whale, Electra dolphin (Western NP): UNKNOWN Risso's dolphin, grampus (Western NP): UNKNOWN Striped dolphin (Western NP): UNKNOWN	NPFC
Butterfishes nei (<i>Stromateus</i> spp), Splendid alfonso (<i>Beryx splendens</i>)	Trawls (not specified), (Bottom)	Number of Vessels: 2, Licenses: 2, Participants: none provided, Aquaculture Facilities: none provided	High Seas,(FAO:51 Indian Ocean Western),SIOFA convention area			SIOFA
Amer. plaice(=Long rough dab) (<i>Hippoglossoides platessoides</i>), Atlantic cod (<i>Gadus morhua</i>), Atlantic halibut (<i>Hippoglossus hippoglossus</i>), Atlantic redfishes nei (<i>Sebastes</i> spp), Greenland halibut (<i>Reinhardtius hippoglossoides</i>), Witch flounder (<i>Glyptocephalus cynoglossus</i>), Yellowtail flounder (<i>Limanda ferruginea</i>)	Trawls (not specified), (Bottom)	Number of Vessels: 1, Licenses: 1, Participants: none provided, Aquaculture Facilities: none provided	High Seas,(FAO:21 Atlantic Northwest),NAFO convention area			NAFO
Butterfishes nei (<i>Stromateus</i> spp), Halfbeak (<i>Oxyporhamphus convexus</i>), Japanese Spanish mackerel (<i>Scomberomorus niphonius</i>), Japanese scad (<i>Decapterus maruadsi</i>), Japanese whiting (<i>Sillago japonica</i>)	Driftnets, (Surface)	Number of Vessels: 355, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Okayama prefecture	Finless porpoise unspecified (Coastal JPN)	Finless porpoise unspecified (Coastal JPN): UNKNOWN	
Japanese scad (<i>Decapterus maruadsi</i>), Marine crabs nei (<i>Brachyura</i>), Soles nei (<i>Soleidae</i>)	Gillnets and entangling nets (not specified), (Bottom)	Number of Vessels: 278, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Okayama prefecture	Finless porpoise unspecified (Coastal JPN)	Finless porpoise unspecified (Coastal JPN): UNKNOWN	
Cuttlefish/bobtail squids nei (<i>Sepiidae</i> , <i>Sepiolidae</i>), Jack and horse mackerels nei (<i>Trachurus</i> spp), Japanese amberjack (<i>Seriola quinqueradiata</i>), Marine crabs nei (<i>Brachyura</i>), Porgies/seabreams nei (<i>Sparidae</i>), Various squids nei (<i>Loliginidae</i> , <i>Ommastrephidae</i>), Yellowtail amberjack (<i>Seriola lalandi</i>)	Pound nets, (Midwater)	Number of Vessels: none provided, Licenses: none provided, Participants: 2623, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Fukuoka prefecture	Common bottlenose dolphin (Western NP) Common minke whale (Around JPN)	Common bottlenose dolphin (Western NP): UNKNOWN Common minke whale (Around JPN): UNKNOWN	

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Cuttlefish/bobtail squids nei (Sepiidae, Sepiolidae), Dotted gizzard shad (Konosirus punctatus), Flatfishes nei (Pleuronectiformes), Frigate tuna (Auxis thazard), Greater amberjack (Seriola dumerili), Hairtails nei (Trichiurus spp), Jack and horse mackerels nei (Trachurus spp), Japanese Spanish mackerel (Scomberomorus niphonius), Japanese amberjack (Seriola quinqueradiata), Japanese seabass (Lateolabrax japonicus), Mackerels nei (Scombridae), Octopuses nei (Octopus spp), Parapristipoma trilineatum (Parapristipoma trilineatum), Porgies/seabreams nei (Sparidae), Pufferfishes nei (Takifugu spp), Various sharks nei (Selachimorpha (Pleurotremata)), Various squids nei (Loliginidae, Ommastrephidae)	Pound nets, (Midwater)	Number of Vessels: 47, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Ehime prefecture	Baleen whale unspecified (STOCK NOT SPECIFIED) Finless porpoise unspecified (Coastal JPN) Risso's dolphin, grampus (Western NP) Striped dolphin (Western NP)	Baleen whale unspecified (STOCK NOT SPECIFIED): UNKNOWN Finless porpoise unspecified (Coastal JPN): UNKNOWN Risso's dolphin, grampus (Western NP): UNKNOWN Striped dolphin (Western NP): UNKNOWN	
Cuttlefish/bobtail squids nei (Sepiidae, Sepiolidae), Jack and horse mackerels nei (Trachurus spp), Various squids nei (Loliginidae, Ommastrephidae)	Pound nets, (Midwater)	Number of Vessels: none provided, Licenses: none provided, Participants: 4, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Fukuoka prefecture	Common bottlenose dolphin (Western NP) Common minke whale (Around JPN)	Common bottlenose dolphin (Western NP): UNKNOWN Common minke whale (Around JPN): UNKNOWN	
Japanese amberjack (Seriola quinqueradiata), Mackerels nei (Scombridae)	Pound nets, (Surface)	Number of Vessels: none provided, Licenses: 46, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Shizuoka prefecture	Common minke whale (Around JPN) Fin whale (STOCK NOT SPECIFIED) Humpback whale (North Pacific) Risso's dolphin, grampus (Western NP)	Common minke whale (Around JPN): UNKNOWN Fin whale (STOCK NOT SPECIFIED): UNKNOWN Humpback whale (North Pacific): UNKNOWN Risso's dolphin, grampus (Western NP): UNKNOWN	
Pufferfishes nei (Takifugu spp)	Fish pots/fish traps, (Bottom)	Number of Vessels: none provided, Licenses: 67, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Kagoshima prefecture	Baleen whale unspecified (STOCK NOT SPECIFIED) Common minke whale (Around JPN) Finless porpoise unspecified (Coastal JPN) Humpback whale (North Pacific)	Baleen whale unspecified (STOCK NOT SPECIFIED): UNKNOWN Common minke whale (Around JPN): UNKNOWN Finless porpoise unspecified (Coastal JPN): UNKNOWN Humpback whale (North Pacific): UNKNOWN	
Spanner crab (Ranina ranina)	Fish pots/fish traps, (Bottom)	Number of Vessels: none provided, Licenses: 45, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Kagoshima prefecture	Baleen whale unspecified (STOCK NOT SPECIFIED) Common minke whale (Around JPN) Finless porpoise unspecified (Coastal JPN) Humpback whale (North Pacific)	Baleen whale unspecified (STOCK NOT SPECIFIED): UNKNOWN Common minke whale (Around JPN): UNKNOWN Finless porpoise unspecified (Coastal JPN): UNKNOWN Humpback whale (North Pacific): UNKNOWN	
Red snow crab (Chionoecetes japonicus)	Pots/traps, (Bottom)	Number of Vessels: 12, Licenses: 12, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Sea of Japan	Common minke whale (Around JPN) Dall's porpoise, Dall porpoise (Dalli type stock) False killer whale (Western NP) Fin whale (STOCK NOT SPECIFIED) Harbor porpoise (STOCK NOT SPECIFIED) Humpback whale (North Pacific) Killer whale, orca (North Pacific) Melon-headed whale, Electra dolphin (Western NP) Risso's dolphin, grampus (Western NP) Striped dolphin (Western NP)	Common minke whale (Around JPN): UNKNOWN Dall's porpoise, Dall porpoise (Dalli type stock): UNKNOWN False killer whale (Western NP): UNKNOWN Fin whale (STOCK NOT SPECIFIED): UNKNOWN Harbor porpoise (STOCK NOT SPECIFIED): UNKNOWN Humpback whale (North Pacific): UNKNOWN Killer whale, orca (North Pacific): UNKNOWN Melon-headed whale, Electra dolphin (Western NP): UNKNOWN Risso's dolphin, grampus (Western NP): UNKNOWN Striped dolphin (Western NP): UNKNOWN	
Deep-sea red crab (Chaceon affinis)	Pots/traps, (Bottom)	Number of Vessels: 1, Licenses: 1, Participants: none provided, Aquaculture Facilities: none provided	High Seas,EEZ,Angola,(FAO:47 Atlantic Southeast),SEAFO convention areaAngola EEZ			SEAFO
Pandalus shrimps nei (Pandalus spp), Snow crab (Chionoecetes opilio)	Pots/traps, (Benthic)	Number of Vessels: 605, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Hokkaido prefecture	Common bottlenose dolphin (Western NP) Dall's porpoise, Dall porpoise (Dalli type stock) Fur seal unspecified (STOCK NOT SPECIFIED) Harbor porpoise (STOCK NOT SPECIFIED) Humpback whale (North Pacific) Sea lion unspecified (STOCK NOT SPECIFIED) Seal unspecified (STOCK NOT SPECIFIED) Striped dolphin (Western NP)	Common bottlenose dolphin (Western NP): 0 Dall's porpoise, Dall porpoise (Dalli type stock): 0 Fur seal unspecified (STOCK NOT SPECIFIED): 0 Harbor porpoise (STOCK NOT SPECIFIED): 0 Humpback whale (North Pacific): 0 Sea lion unspecified (STOCK NOT SPECIFIED): 0 Seal unspecified (STOCK NOT SPECIFIED): 0 Striped dolphin (Western NP): 0	

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Octopuses nei (Octopus spp)	Fish pots/fish traps, (Bottom)	Number of Vessels: 139, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Nagasaki prefecture	Common bottlenose dolphin (Western NP) Common minke whale (Around JPN) Fin whale (STOCK NOT SPECIFIED) Finless porpoise unspecified (Coastal JPN) Humpback whale (North Pacific)	Common bottlenose dolphin (Western NP): 0 Common minke whale (Around JPN): 0 Fin whale (STOCK NOT SPECIFIED): 0 Finless porpoise unspecified (Coastal JPN): 0 Humpback whale (North Pacific): 0	
Filefishes/leatherjackets nei (Monacanthidae)	Fish pots/fish traps, (Bottom)	Number of Vessels: 397, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Ehime prefecture	Risso's dolphin, grampus (Western NP) Striped dolphin (Western NP)	Risso's dolphin, grampus (Western NP): UNKNOWN Striped dolphin (Western NP): UNKNOWN	
Conger eels nei (Conger spp), Cuttlefish/bobtail squids nei (Sepiidae, Sepiolidae), Hagfish (Myxine glutinosa), Japanese rockfish (Sebastes inermis), Marine crabs nei (Brachyura), Pufferfishes nei (Takifugu spp), Various squids nei (Loliginidae, Ommastrephidae)	Fish pots/fish traps, (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: 501, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Fukuoka prefecture	Common bottlenose dolphin (Western NP) Common minke whale (Around JPN)	Common bottlenose dolphin (Western NP): UNKNOWN Common minke whale (Around JPN): UNKNOWN	
Octopuses nei (Octopus spp)	Fish pots/fish traps, (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: 83, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Fukuoka prefecture	Common bottlenose dolphin (Western NP) Common minke whale (Around JPN)	Common bottlenose dolphin (Western NP): UNKNOWN Common minke whale (Around JPN): UNKNOWN	
Conger eels nei (Conger spp), Cuttlefish/bobtail squids nei (Sepiidae, Sepiolidae), Eels/morays/congers nei (Anguilliformes), Gobies nei (Gobiidae), Marine crabs nei (Brachyura), Octopuses nei (Octopus spp), Various squids nei (Loliginidae, Ommastrephidae), ocellated octopus (Octopus fangsiao)	Fish pots/fish traps, (Bottom)	Number of Vessels: 453, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Okayama prefecture	Finless porpoise unspecified (Coastal JPN)	Finless porpoise unspecified (Coastal JPN): UNKNOWN	
Yellowtail amberjack (Seriola lalandi)	Purse seines, (Surface)	Number of Vessels: none provided, Licenses: 1, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Tokushima prefecture	Common minke whale (Around JPN) Striped dolphin (Western NP)	Common minke whale (Around JPN): NOT PROVIDED Striped dolphin (Western NP): NOT PROVIDED	

Kenya

Exempt Fisheries

Indo-Pacific swamp crab (Scylla serrata)	Handlines and hand-operated pole-and-lines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	mangroves
Marine fishes nei (Osteichthyes), Marine shells nei (Ex Mollusca), Octopuses nei (Octopus spp), Sea cucumbers nei (Holothuroidea), Snappers nei (Lutjanus spp)	Scoopnets	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Indian Ocean inshore waters
Marine fishes nei (Osteichthyes), Marine shells nei (Ex Mollusca), Octopuses nei (Octopus spp), Sea cucumbers nei (Holothuroidea), Snappers nei (Lutjanus spp)	Baited pole	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Indian Ocean inshore waters

Export Fisheries

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Giant tiger prawn (<i>Penaeus monodon</i>), Marine fishes nei (<i>Osteichthyes</i>), Marine shells nei (Ex <i>Mollusca</i>), Octopuses nei (<i>Octopus</i> spp), Rock lobsters nei (<i>Jasus</i> spp), Sea cucumbers nei (<i>Holothuroidea</i>), Snappers nei (<i>Lutjanus</i> spp), Spiny lobsters nei (<i>Palinuridae</i>), Swordfish (<i>Xiphias gladius</i>), Yellowfin tuna (<i>Thunnus albacares</i>)	Dropline, (Midwater), Gillnets and entangling nets (not specified), (Midwater), Hand collection, (Bottom), Longlines (not specified), (Pelagic), Spears, (Demersal), shrimp/prawn trawl, (Midwater)	Number of Vessels: 8, Licenses: 8, Participants: 100, Aquaculture Facilities: 150 farms	High Seas,EEZ,(FAO:51 Indian Ocean Western),51.5,Indian Ocean inshore waters	Dugong (UNKNOWN) Humpback whale (UNKNOWN) Indian Ocean humpback dolphin (UNKNOWN) Sperm whale, cachalot (UNKNOWN)	Dugong (UNKNOWN): UNKNOWN Humpback whale (UNKNOWN): UNKNOWN Indian Ocean humpback dolphin (UNKNOWN): UNKNOWN Sperm whale, cachalot (UNKNOWN): UNKNOWN	IOTC

Kiribati

Exempt Fisheries						
Bigeye tuna (<i>Thunnus obesus</i>), Skipjack tuna (<i>Katsuwonus pelamis</i>), Tunas nei (<i>Thunnini</i>), Yellowfin tuna (<i>Thunnus albacares</i>)	Purse seines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Cook Islands,Kiribati,Marshall Islands,Tuvalu,Kiribati EEZ, Tuvalu, Marshalls, Cook Islands and Western Central Pacific Fishing Commission Convention Area			WCPFC
Bigeye tuna (<i>Thunnus obesus</i>), Skipjack tuna (<i>Katsuwonus pelamis</i>), Tunas nei (<i>Thunnini</i>), Yellowfin tuna (<i>Thunnus albacares</i>)	Handlines and hand-operated pole-and-lines, Trolling lines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Kiribati,Kiribati EEZ and Western Central Pacific Fishing Commission Convention Area			WCPFC
Bigeye tuna (<i>Thunnus obesus</i>), Skipjack tuna (<i>Katsuwonus pelamis</i>), Tunas nei (<i>Thunnini</i>), Yellowfin tuna (<i>Thunnus albacares</i>)	Handlines and hand-operated pole-and-lines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Cook Islands,Kiribati,Marshall Islands,Tuvalu,Kiribati EEZ, Tuvalu, Marshalls, Cook Islands and Western Central Pacific Fishing Commission Convention Area			WCPFC
Cuttlefishes nei (<i>Sepia</i> spp), Hard corals/madrepores nei (<i>Scleractinia</i>), Marine shells nei (Ex <i>Mollusca</i>)	Hand collection	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Kiribati,Kiribati EEZ and Western Central Pacific Fishing Commission Convention Area			WCPFC
Export Fisheries						
Marine fishes nei (<i>Osteichthyes</i>), Snappers nei (<i>Lutjanus</i> spp)	Longlines (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Kiribati,Kiribati EEZ and Western Central Pacific Fishing Commission Convention Area			WCPFC

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Bigeye tuna (<i>Thunnus obesus</i>), Skipjack tuna (<i>Katsuwonus pelamis</i>), Tunas nei (<i>Thunnini</i>), Yellowfin tuna (<i>Thunnus albacares</i>)	Longlines (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Eastern Tropical Pacific Inter-American Tropical Tuna Commission Convention Area			IATTC
Bigeye tuna (<i>Thunnus obesus</i>), Skipjack tuna (<i>Katsuwonus pelamis</i>), Tunas nei (<i>Thunnini</i>), Yellowfin tuna (<i>Thunnus albacares</i>)	Longlines (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Cook Islands, Kiribati, Marshall Islands, Samoa, Tuvalu, Kiribati EEZ, Tuvalu, Marshalls, Cook Islands, Samoa and Western Central Pacific Fishing Commission Convention Area			WCPFC
Bigeye tuna (<i>Thunnus obesus</i>), Skipjack tuna (<i>Katsuwonus pelamis</i>), Tunas nei (<i>Thunnini</i>), Yellowfin tuna (<i>Thunnus albacares</i>)	Purse seines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Eastern Tropical Pacific Inter-American Tropical Tuna Commission Convention Area			IATTC
Bigeye tuna (<i>Thunnus obesus</i>), Skipjack tuna (<i>Katsuwonus pelamis</i>), Tunas nei (<i>Thunnini</i>), Yellowfin tuna (<i>Thunnus albacares</i>)	Longlines (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	South Pacific			
Bigeye tuna (<i>Thunnus obesus</i>), Skipjack tuna (<i>Katsuwonus pelamis</i>), Tunas nei (<i>Thunnini</i>), Yellowfin tuna (<i>Thunnus albacares</i>)	Longlines (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	North Pacific			

Latvia

Export Fisheries

Snow crab (<i>Chionoecetes opilio</i>)	Pots/traps, (Bottom)	Number of Vessels: 4, Licenses: 4, Participants: 1, Aquaculture Facilities: 0	High Seas, EEZ, Norway, (FAO:27 Atlantic Northeast), Barents Sea and Greenland Sea (ICES I, IIb)			
Groundfishes nei (<i>Osteichthyes</i>), Herrings/sardines nei (<i>Clupeidae</i>), Jack and horse mackerels nei (<i>Trachurus</i> spp), Mackerels nei (<i>Scombridae</i>), Porgies/seabreams nei (<i>Sparidae</i>), Sardinellas nei (<i>Sardinella</i> spp)	Trawls (not specified), (Pelagic)	Number of Vessels: 2, Licenses: 2, Participants: 1, Aquaculture Facilities: 0	High Seas, EEZ, Mauritania, (FAO:34 Atlantic Eastern Central), FAO Area 34, Mauritania EEZ			
Atlantic cod (<i>Gadus morhua</i>)	Gillnets and entangling nets (not specified), (Demersal)	Number of Vessels: 5, Licenses: 5, Participants: 5, Aquaculture Facilities: 0	EEZ, (FAO:27 Atlantic Northeast), Baltic Sea (ICES III d)			

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Atlantic cod (<i>Gadus morhua</i>)	Trawls (not specified), (Demersal)	Number of Vessels: 31, Licenses: 31, Participants: 16, Aquaculture Facilities: 0	EEZ,(FAO:27 Atlantic Northeast),Baltic Sea (ICES IIIId)			
Herrings/sardines nei (<i>Clupeidae</i>)	Trawls (not specified), (Pelagic)	Number of Vessels: 27, Licenses: 27, Participants: 11, Aquaculture Facilities: 0	EEZ,(FAO:27 Atlantic Northeast),Baltic Sea (ICES IIIId)	Harbor porpoise (not observed during last 6 years)	Harbor porpoise (not observed during last 6 years): UNKNOWN	
European sprat (<i>Sprattus sprattus</i>)	Trawls (not specified), (Pelagic)	Number of Vessels: 38, Licenses: 38, Participants: 18, Aquaculture Facilities: 0	EEZ,(FAO:27 Atlantic Northeast),Baltic Sea (ICES IIIId)	Harbor porpoise (not observed during last 6 years)	Harbor porpoise (not observed during last 6 years): 0	

Liberia

Exempt Fisheries						
Barracudas nei (<i>Sphyraena</i> spp), Northern pike (<i>Esox lucius</i>), Snappers nei (<i>Lutjanus</i> spp)	Handlines and hand-operated pole-and-lines, (Midwater)	UNKNOWN	EEZ,(FAO:34 Atlantic Eastern Central),34.3.1, 34.3.11, 34.3.12, 34.3.13, 34.3.2, 34.3.3, 34.3.4, 34.3.5, 34.3.6,West Central Gulf and Guinea Region			
Export Fisheries						
Flyingfishes nei (<i>Exocoetidae</i>), Herrings/sardines nei (<i>Clupeidae</i>)	Ring nets, (Pelagic)	UNKNOWN	EEZ,(FAO:34 Atlantic Eastern Central),West Central Gulf and Guinea Region	Atlantic spotted dolphin (UNKNOWN) Common dolphin (UNKNOWN) Spinner dolphin (UNKNOWN)	Atlantic spotted dolphin (UNKNOWN): UNKNOWN Common dolphin (UNKNOWN): UNKNOWN Spinner dolphin (UNKNOWN): UNKNOWN	
Marine crustaceans nei (<i>Crustacea</i>), Penaeid shrimps nei (<i>Penaeidae</i>), Snappers nei (<i>Lutjanus</i> spp)	Bottom trawls (not specified), (Bottom), Trawls (not specified), (Bottom)	UNKNOWN	EEZ,(FAO:34 Atlantic Eastern Central),West Central Gulf and Guinea Region			
Atlantic sailfish (<i>Istiophorus albicans</i>), Bigeye tuna (<i>Thunnus obesus</i>), Croakers nei (<i>Micropogonias</i> spp), Demersal fishes nei (<i>Osteichthyes</i>), Giant trevally (<i>Caranx ignobilis</i>), Groundfishes nei (<i>Osteichthyes</i>), Herrings/sardines nei (<i>Clupeidae</i>), Jacks/crevalles nei (<i>Caranx</i> spp), Mackerels nei (<i>Scombridae</i>), Scorpionfishes/redfishes nei (<i>Scorpaenidae</i>), Yellowfin tuna (<i>Thunnus albacares</i>)	Set gillnets/set nets (anchored), (Bottom)	UNKNOWN	EEZ,(FAO:34 Atlantic Eastern Central),West Central Gulf and Guinea Region	Atlantic spotted dolphin (UNKNOWN) Common bottlenose dolphin (UNKNOWN) Common dolphin (UNKNOWN) Humpback whale (UNKNOWN) Offshore Bryde's whale (UNKNOWN) Offshore pantropical spotted dolphin (UNKNOWN) Short-finned pilot whale (UNKNOWN) Spinner dolphin (UNKNOWN)	Atlantic spotted dolphin (UNKNOWN): UNKNOWN Common bottlenose dolphin (UNKNOWN): UNKNOWN Common dolphin (UNKNOWN): UNKNOWN Humpback whale (UNKNOWN): UNKNOWN Offshore Bryde's whale (UNKNOWN): UNKNOWN Offshore pantropical spotted dolphin (UNKNOWN): UNKNOWN Short-finned pilot whale (UNKNOWN): UNKNOWN Spinner dolphin (UNKNOWN): UNKNOWN	
Croakers nei (<i>Micropogonias</i> spp), Groupers nei (<i>Epinephelus</i> spp), Jacks/crevalles nei (<i>Caranx</i> spp), Mackerels nei (<i>Scombridae</i>), Marine fishes nei (<i>Osteichthyes</i>)	Bottom trawls (not specified), (Demersal), Handlines and hand-operated pole-and-lines, (Demersal)	UNKNOWN	EEZ,(FAO:34 Atlantic Eastern Central),West Central Gulf and Guinea Region			
Bigeye tuna (<i>Thunnus obesus</i>), Frigate tuna (<i>Auxis thazard</i>), Skipjack tuna (<i>Katsuwonus pelamis</i>), Yellowfin tuna (<i>Thunnus albacares</i>)	Purse seines, (Pelagic)	UNKNOWN	EEZ,(FAO:34 Atlantic Eastern Central)	Atlantic spotted dolphin (UNKNOWN) Common bottlenose dolphin (UNKNOWN) Humpback whale (UNKNOWN) Spinner dolphin (UNKNOWN)	Atlantic spotted dolphin (UNKNOWN): .14 Common bottlenose dolphin (UNKNOWN): .21 Humpback whale (UNKNOWN): 0 Spinner dolphin (UNKNOWN): .12	ICCAT

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Libya						
Export Fisheries						
Atlantic bluefin tuna (<i>Thunnus thynnus</i>)	Purse seines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ and International Convention for the Conservation of Atlantic Tuna Convention Area			ICCAT
Lithuania						
Export Fisheries						
Atlantic herring (<i>Clupea harengus</i>), European sprat (<i>Sprattus sprattus</i>)	Otter trawls (not specified), (Pelagic)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Baltic Sea (FAO Zone 27.3)	Harbor porpoise (STOCK NOT SPECIFIED)	Harbor porpoise (STOCK NOT SPECIFIED): NOT PROVIDED	
Atlantic herring (<i>Clupea harengus</i>), European sprat (<i>Sprattus sprattus</i>)	Midwater pair trawls, (Pelagic)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Baltic Sea (FAO Zone 27.3)	Harbor porpoise (STOCK NOT SPECIFIED)	Harbor porpoise (STOCK NOT SPECIFIED): NOT PROVIDED	
Northern prawn (<i>Pandalus borealis</i>)	Trawls (not specified), (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Barents Sea, Norwegian Sea (27 Ia, II2, Ib)	Baleen whale unspecified (STOCK NOT SPECIFIED) Harp seal (STOCK NOT SPECIFIED) White-beaked dolphin (STOCK NOT SPECIFIED)	Baleen whale unspecified (STOCK NOT SPECIFIED): NOT PROVIDED Harp seal (STOCK NOT SPECIFIED): NOT PROVIDED White-beaked dolphin (STOCK NOT SPECIFIED): NOT PROVIDED	
Atlantic cod (<i>Gadus morhua</i>)	Gillnets and entangling nets (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Baltic Sea (FAO Zone 27.3)	Gray seal (STOCK NOT SPECIFIED) Harbor porpoise (STOCK NOT SPECIFIED)	Gray seal (STOCK NOT SPECIFIED): NOT PROVIDED Harbor porpoise (STOCK NOT SPECIFIED): NOT PROVIDED	
Redfish (<i>Centroberyx affinis</i>)	Trawls (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Barents Sea, Northeast Atlantic, and Greenland Sea (IIa; XII; XIV)	Whale unspecified (STOCK NOT SPECIFIED)	Whale unspecified (STOCK NOT SPECIFIED): NOT PROVIDED	
	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Canada, Mauritania, Morocco, Norway, Spain, Norway, Canada, Mauritania, Morocco, Canary Islands			

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Jack and horse mackerels nei (Trachurus spp)	Trawls (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Southeast Pacific (FAO 87)	Whale unspecified (STOCK NOT SPECIFIED)	Whale unspecified (STOCK NOT SPECIFIED): NOT PROVIDED	
Northern cods nei (Gadus spp)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Canada,Norway,North Atlantic, FAO Areas 21 and 27 - Norway, Canada			
Herrings/sardines nei (Clupeidae), Jack and horse mackerels nei (Trachurus spp), Mackerels nei (Scombridae), Porgies/seabreams nei (Sparidae), Sardinellas nei (Sardinella spp)	Trawls (not specified), (Pelagic)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Mauritania,Morocco,FAO Zone 34, EEZs of Morocco and Mauritania			
Atlantic cod (Gadus morhua)	Otter trawls (not specified), (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Baltic Sea (FAO Zone 27.3)	Gray seal (STOCK NOT SPECIFIED) Harbor porpoise (STOCK NOT SPECIFIED)	Gray seal (STOCK NOT SPECIFIED): NOT PROVIDED Harbor porpoise (STOCK NOT SPECIFIED): NOT PROVIDED	

Madagascar

Exempt Fisheries						
Seaweeds nei (Algae)	Hand collection	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			
Groupers nei (Epinephelus spp), Snappers nei (Lutjanus spp)	Handlines and hand-operated pole-and-lines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	within Madagascar territorial waters			
marine shrimps nei	Aquaculture (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Western Indian Ocean			
Cuttlefishes nei (Sepia spp), Hard corals/madrepores nei (Scleractinia), Marine shells nei (Ex Mollusca)	Hand collection	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Marine fishes nei (Osteichthyes)	Diving (SCUBA and/or free-diving)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	within Madagascar territorial waters			
Seaweeds nei (Algae)	Aquaculture (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	northeast region of Madagascar			
Export Fisheries						
Groupers nei (Epinephelus spp), Porgies/seabreams nei (Sparidae), Snappers nei (Lutjanus spp)	Longlines (not specified), (Demersal), Vertical lines, (Demersal)	Number of Vessels: 20, Licenses: 20, Participants: 20, Aquaculture Facilities: none provided	EEZ,(FAO:51 Indian Ocean Western),51.6,within Madagascar territorial waters	Dugong (UNKNOWN) Whale unspecified (UNKNOWN)	Dugong (UNKNOWN): UNKNOWN Whale unspecified (UNKNOWN): UNKNOWN	
Albacore (Thunnus alalunga), Bigeye tuna (Thunnus obesus), Marlins nei (Makaira spp), Skipjack tuna (Katsuwonus pelamis), Swordfish (Xiphias gladius), Various sharks nei (Selachimorpha (Pleurotremata)), Yellowfin tuna (Thunnus albacares)	Longlines (not specified), (Pelagic)	Number of Vessels: 5, Licenses: 5, Participants: 5, Aquaculture Facilities: none provided	EEZ,(FAO:51 Indian Ocean Western),51.6,Indian Ocean Tuna Commission Convention Area	Dugong (UNKNOWN) Whale unspecified (UNKNOWN)	Dugong (UNKNOWN): UNKNOWN Whale unspecified (UNKNOWN): UNKNOWN	IOTC
marine shrimps nei	Trawls (not specified), (Bottom)	Number of Vessels: 41, Licenses: 41, Participants: 41, Aquaculture Facilities: none provided	EEZ,(FAO:51 Indian Ocean Western),51.6,northwest, southwest and northeast coast of Madagascar	Whale unspecified (UNKNOWN)	Whale unspecified (UNKNOWN): UNKNOWN	

Malaysia

Exempt Fisheries						
Flat and cupped oysters nei (Ostreidae)	Aquaculture (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Peninsular and East Malaysia			
Herrings/sardines nei (Clupeidae)	Handlines and hand-operated pole-and-lines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Peninsular and East Malaysia			
Giant tiger prawn (Penaeus monodon), marine shrimps nei	Aquaculture (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Peninsular and East Malaysia			
Various squids nei (Loliginidae, Ommastrephidae)	Jig	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Peninsular and East Malaysia			

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Mackerels nei (Scombridae)	Handlines and hand-operated pole-and-lines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Peninsular and East Malaysia			
Cuttlefishes nei (Sepia spp)	Handlines and hand-operated pole-and-lines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Peninsular and East Malaysia			
Lobsters nei (Reptantia), Marine crabs nei (Brachyura)	Aquaculture (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Peninsular and East Malaysia			
Marine crabs nei (Brachyura)	Pots/traps, (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Peninsular and East Malaysia			
Hard corals/madrepores nei (Scleractinia), Marine shells nei (Ex Mollusca)	Aquaculture (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			
Marine fishes nei (Osteichthyes)	Handlines and hand-operated pole-and-lines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Peninsular and East Malaysia			
Tunas nei (Thunnini)	Handlines and hand-operated pole-and-lines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Malacca Straits			IOTC
Export Fisheries						
Various squids nei (Loliginidae, Ommastrephidae)	Purse seines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Peninsular and East Malaysia			

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Cuttlefishes nei (Sepia spp)	Trawls (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Peninsular and East Malaysia			
Various squids nei (Loliginidae, Ommastrephidae)	Trawls (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Peninsular and East Malaysia			
marine shrimps nei	Trawls (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	west coast of Peninsular Malaysia.			
Herrings/sardines nei (Clupeidae)	Driftnets	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Peninsular and East Malaysia	Dolphin unspecified (STOCK NOT SPECIFIED) Dugong (STOCK NOT SPECIFIED)	Dolphin unspecified (STOCK NOT SPECIFIED): NOT PROVIDED Dugong (STOCK NOT SPECIFIED): NOT PROVIDED	
Octopuses nei (Octopus spp)	Trawls (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Peninsular and East Malaysia			
Marine fishes nei (Osteichthyes)	Driftnets	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Peninsular and East Malaysia	Dolphin unspecified (STOCK NOT SPECIFIED) Dugong (STOCK NOT SPECIFIED)	Dolphin unspecified (STOCK NOT SPECIFIED): NOT PROVIDED Dugong (STOCK NOT SPECIFIED): NOT PROVIDED	
Marine fishes nei (Osteichthyes)	Trawls (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Peninsular and East Malaysia			
Mackerels nei (Scombridae)	Longlines (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Malacca Straits			IOTC
Mackerels nei (Scombridae)	Driftnets	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Peninsular and East Malaysia	Dolphin unspecified (STOCK NOT SPECIFIED) Dugong (STOCK NOT SPECIFIED)	Dolphin unspecified (STOCK NOT SPECIFIED): NOT PROVIDED Dugong (STOCK NOT SPECIFIED): NOT PROVIDED	

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Albacore (Thunnus alalunga), Swordfish (Xiphias gladius), Yellowfin tuna (Thunnus albacares)	Longlines (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Indian Ocean Tuna Commission Convention Area			IOTC
Tunas nei (Thunnini)	Gillnets and entangling nets (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Malacca Straits	Dolphin unspecified (STOCK NOT SPECIFIED) Dugong (STOCK NOT SPECIFIED)	Dolphin unspecified (STOCK NOT SPECIFIED): NOT PROVIDED Dugong (STOCK NOT SPECIFIED): NOT PROVIDED	IOTC
Tunas nei (Thunnini)	Purse seines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Eastern Indian Ocean, Indian Ocean Tuna Commission Convention Area			IOTC
Tunas nei (Thunnini)	Purse seines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Malacca Straits			IOTC
Tunas nei (Thunnini)	Trawls (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Malacca Straits			IOTC
Tunas nei (Thunnini)	Trolling lines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Eastern Indian Ocean, Indian Ocean Tuna Commission Convention Area			IOTC
Groundfishes nei (Osteichthyes)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Peninsular and East Malaysia			
Cuttlefishes nei (Sepia spp), Herrings/sardines nei (Clupeidae), Mackerels nei (Scombridae), Marine fishes nei (Osteichthyes)	Purse seines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Peninsular and East Malaysia			
Mackerels nei (Scombridae)	Trolling lines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Peninsular and East Malaysia			IOTC

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Herrings/sardines nei (Clupeidae), Mackerels nei (Scombridae)	Trawls (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	west coast of Peninsular Malaysia.			IOTC
Jellyfishes nei (Rhopilema spp)	Trawls (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Peninsular and East Malaysia			
Dolphinfishes nei (Coryphaenidae)	Purse seines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Peninsular and East Malaysia			
Dolphinfishes nei (Coryphaenidae)	Longlines (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Peninsular and East Malaysia			
Anchovies nei (Engraulis spp), Herrings/sardines nei (Clupeidae)	Purse seines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	coastal			
Marine crabs nei (Brachyura)	Trawls (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Peninsular and East Malaysia			

Maldives

Exempt Fisheries						
Yellowfin tuna (Thunnus albacares)	Hooks and lines (not specified), (Surface)	UNKNOWN	EEZ,(FAO:51 Indian Ocean Western),atolls and EEZ of Maldives	Common bottlenose dolphin (STOCK NOT SPECIFIED) Gray's spinner dolphin (STOCK NOT SPECIFIED) Pantropical spotted dolphin (STOCK NOT SPECIFIED)	Common bottlenose dolphin (STOCK NOT SPECIFIED): UNKNOWN Gray's spinner dolphin (STOCK NOT SPECIFIED): UNKNOWN Pantropical spotted dolphin (STOCK NOT SPECIFIED): UNKNOWN	IOTC

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Frigate tuna (<i>Auxis thazard</i>), Kawakawa/mackerel tuna (<i>Euthynnus affinis</i>), Skipjack tuna (<i>Katsuwonus pelamis</i>), Yellowfin tuna (<i>Thunnus albacares</i>)	Pole and Lines, (Surface)	Number of Vessels: 600, Licenses: 450, Participants: 8000, Aquaculture Facilities: 0	EEZ,(FAO:51 Indian Ocean Western),Indian Ocean, Indian Ocean Tuna Commission Convention Area and Maldives EEZ, North and South Thiladhunmathi, Miladhunmadulu, Maalhosmadulu, Faadhippolhu, Male Atoll, North and South Ari Atoll, Feldihu Atoll, Mulaku Atoll, North and South Nilandhe, Kolhumadulu, Hadhdhunmathi, Nor	Common bottlenose dolphin (STOCK NOT SPECIFIED) Humpback whale (STOCK NOT SPECIFIED) Pantropical spotted dolphin (STOCK NOT SPECIFIED)	Common bottlenose dolphin (STOCK NOT SPECIFIED): UNKNOWN Humpback whale (STOCK NOT SPECIFIED): UNKNOWN Pantropical spotted dolphin (STOCK NOT SPECIFIED): UNKNOWN	IOTC
Carangids nei (<i>Carangidae</i>), Emperors/Scavengers nei (<i>Lethrinidae</i>), Groundfishes nei (<i>Osteichthyes</i>), Groupers nei (<i>Epinephelus</i> spp), Snappers nei (<i>Lutjanus</i> spp)	Handlines and hand-operated pole-and-lines, (Demersal)	UNKNOWN	EEZ,(FAO:51 Indian Ocean Western),atolls and EEZ of Maldives			
Carangids nei (<i>Carangidae</i>), Groundfishes nei (<i>Osteichthyes</i>), Groupers nei (<i>Epinephelus</i> spp), Lethrinus spp (<i>Lethrinus</i> spp), Rainbow runner (<i>Elagatis bipinnulata</i>), Snappers nei (<i>Lutjanus</i> spp)	Hooks and lines (not specified), (Demersal), Vertical lines, (Midwater)	UNKNOWN	EEZ,(FAO:51 Indian Ocean Western),atolls and EEZ of Maldives			
Export Fisheries						
Albacore (<i>Thunnus alalunga</i>), Bigeye tuna (<i>Thunnus obesus</i>), Swordfish (<i>Xiphias gladius</i>), Yellowfin tuna (<i>Thunnus albacares</i>)	Drifting longlines, (Pelagic)	UNKNOWN	High Seas,EEZ,(FAO:57 Indian Ocean Eastern, FAO:51 Indian Ocean Western)	False killer whale (UNKNOWN) Humpback whale (STOCK NOT SPECIFIED)	False killer whale (UNKNOWN): UNKNOWN Humpback whale (STOCK NOT SPECIFIED): UNKNOWN	IOTC

Malta

Exempt Fisheries						
Atlantic bluefin tuna (<i>Thunnus thynnus</i>)	Aquaculture (cages, net pens), Purse seines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Mediterranean Sea (FAO Zones 37)			
Export Fisheries						
Albacore (<i>Thunnus alalunga</i>), Atlantic bluefin tuna (<i>Thunnus thynnus</i>), Bonitos nei (<i>Sarda</i> spp), Bullet tuna (<i>Auxis rochei</i>), Common dolphinfish (<i>Coryphaena hippurus</i>), Little tunny(=Atl.black skipj) (<i>Euthynnus alletteratus</i>)	Longlines (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Mediterranean Sea and Atlantic regions (FAO Zones 37)	False killer whale (STOCK NOT SPECIFIED) Risso's dolphin, grampus (STOCK NOT SPECIFIED)	False killer whale (STOCK NOT SPECIFIED): 0 Risso's dolphin, grampus (STOCK NOT SPECIFIED): 0	ICCAT

Marshall Islands

Exempt Fisheries						
Hard corals/madrepores nei (<i>Scleractinia</i>)	Diving (SCUBA and/or free-diving), (Bottom)	UNKNOWN	EEZ,(FAO:71 Pacific Western Central),Majuro lagoon, and outer reef			

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Demersal fishes nei (Osteichthyes), Groundfishes nei (Osteichthyes), Marine fishes nei (Osteichthyes)	Cast nets	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Arno and Majuro			
Groupers nei (Epinephelus spp), Snappers nei (Lutjanus spp)	Handlines and hand-operated pole-and-lines, (Bottom)	UNKNOWN	EEZ,(FAO:71 Pacific Western Central),Marshall Islands Territorial Seas			
Export Fisheries						
Albacore (Thunnus alalunga), Bigeye tuna (Thunnus obesus), Dolphinfishes nei (Coryphaenidae), Skipjack tuna (Katsuwonus pelamis), Swordfish (Xiphias gladius), Tunas nei (Thunnini), Yellowfin tuna (Thunnus albacares)	Purse seines, (Surface)	Number of Vessels: 12, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	High Seas,EEZ,(FAO:71 Pacific Western Central),EEZ and Western Central Pacific, Western Central Pacific Fisheries Commission convention area	Bryde's whale (STOCK NOT SPECIFIED) Common bottlenose dolphin (STOCK NOT SPECIFIED) False killer whale (STOCK NOT SPECIFIED) Fin whale (STOCK NOT SPECIFIED) Melon-headed whale, Electra dolphin (STOCK NOT SPECIFIED) Risso's dolphin, grampus (STOCK NOT SPECIFIED) Rough-toothed dolphin (STOCK NOT SPECIFIED) Spinner dolphin (STOCK NOT SPECIFIED)	Bryde's whale (STOCK NOT SPECIFIED): 0 Common bottlenose dolphin (STOCK NOT SPECIFIED): 8 False killer whale (STOCK NOT SPECIFIED): 6 Fin whale (STOCK NOT SPECIFIED): 0 Melon-headed whale, Electra dolphin (STOCK NOT SPECIFIED): 0 Risso's dolphin, grampus (STOCK NOT SPECIFIED): 4 Rough-toothed dolphin (STOCK NOT SPECIFIED): 3 Spinner dolphin (STOCK NOT SPECIFIED): 2	WCPFC
Albacore (Thunnus alalunga), Bigeye tuna (Thunnus obesus), Dolphinfishes nei (Coryphaenidae), Skipjack tuna (Katsuwonus pelamis), Swordfish (Xiphias gladius), Tunas nei (Thunnini), Yellowfin tuna (Thunnus albacares)	Longlines (not specified), (Pelagic)	Number of Vessels: 35, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:71 Pacific Western Central),EEZ and Western Central Pacific, Western Central Pacific Fisheries Commission convention area			WCPFC
Demersal fishes nei (Osteichthyes), Groundfishes nei (Osteichthyes), Marine fishes nei (Osteichthyes)	Hooks and lines (not specified), (Bottom), Trolling lines, (Midwater)	UNKNOWN	EEZ,(FAO:71 Pacific Western Central),Marshall Islands Territorial Seas			
Demersal fishes nei (Osteichthyes), Groundfishes nei (Osteichthyes), Marine fishes nei (Osteichthyes)	Gillnets and entangling nets (not specified), (Demersal)	UNKNOWN	EEZ,(FAO:71 Pacific Western Central),Marshall Islands territorial seas			

Mauritania

Exempt Fisheries						
Abalones nei (Haliotis spp), Sea cucumbers nei (Holothuroidea)	Diving (SCUBA and/or free-diving)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			
Octopuses nei (Octopus spp)	Jig	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			

Export Fisheries

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Various squids nei (Loliginidae, Ommastrephidae)		Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided				
marine shrimps nei	Trawls (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			
Marine molluscs nei (Mollusca)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			
Octopuses nei (Octopus spp)	Trawls (not specified), (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			
Octopuses nei (Octopus spp)	Pots/traps	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			
Pelagic fishes nei (Osteichthyes)	Trawls (not specified), (Pelagic)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Atlantic Ocean EEZ			
Demersal fishes nei (Osteichthyes), Flatfishes nei (Pleuronectiformes), Soles nei (Soleidae), Turbot (Psetta maxima)	Trawls (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Atlantic Ocean EEZ			

Mauritius

Exempt Fisheries

Japanese meagre (<i>Argyrosomus japonicus</i>), Red drum (<i>Sciaenops ocellatus</i>), Seabasses nei (<i>Dicentrarchus</i> spp)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: 12, Licenses: 0, Participants: 7, Aquaculture Facilities: 1	EEZ,(FAO:51 Indian Ocean Western),in lagoons on east coast of Mauritius EEX
Blue-barred parrotfish (<i>Scarus ghobban</i>), Deep-water red snapper (<i>Etelis carbunculus</i>), Deepwater longtail red snapper (<i>Etelis coruscans</i>), Frenchman seabream (<i>Polysteganus baissaci</i>), Spangled emperor (<i>Lethrinus nebulosus</i>)	Handlines and hand-operated pole-and-lines, (Demersal)	Number of Vessels: 33, Licenses: 33, Participants: 10, Aquaculture Facilities: 0	EEZ,(FAO:51 Indian Ocean Western),Mauritius EEZ

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Albacore (Thunnus alalunga), Bigeye tuna (Thunnus obesus), Dolphinfishes nei (Coryphaenidae), Mackerels nei (Scombridae), Marlins nei (Makaira spp), Skipjack tuna (Katsuwonus pelamis), Swordfish (Xiphias gladius), Wahoo (Acanthocybium solandri), Yellowfin tuna (Thunnus albacares)	Purse seines, (Midwater)	Number of Vessels: 3, Licenses: 3, Participants: 70, Aquaculture Facilities: 0	High Seas, EEZ ,Seychelles, (FAO:51 Indian Ocean Western),Indian Ocean, Indian Ocean Tuna Commission Convention Area, predominantly just outside the EEZ, between latitudes 01°N-14°S and longitudes 49°E-69°E	Common bottlenose dolphin (UNKNOWN) Humpback whale (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Spinner dolphin (UNKNOWN)	Common bottlenose dolphin (UNKNOWN): NOT PROVIDED Humpback whale (UNKNOWN): NOT PROVIDED Sperm whale, cachalot (UNKNOWN): NOT PROVIDED Spinner dolphin (UNKNOWN): NOT PROVIDED	IOTC

Export Fisheries						
Bigeye tuna (Thunnus obesus), Common dolphinfish (Coryphaena hippurus), Marlins,sailfishes,etc. nei (Istiophoridae), Shortfin mako (Isurus oxyrinchus), Swordfish (Xiphias gladius), Yellowfin tuna (Thunnus albacares)	Longlines (not specified), (Surface)	Number of Vessels: 12, Licenses: 12, Participants: 6-15, Aquaculture Facilities: 0	EEZ,Mozambique,(FAO:51 Indian Ocean Western),Mauritius EEZ	Common bottlenose dolphin (UNKNOWN) Humpback whale (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Spinner dolphin (UNKNOWN)	Common bottlenose dolphin (UNKNOWN): UNKNOWN Humpback whale (UNKNOWN): UNKNOWN Sperm whale, cachalot (UNKNOWN): UNKNOWN Spinner dolphin (UNKNOWN): UNKNOWN	IOTC

Mexico

Exempt Fisheries						
Pacific sierra (Scomberomorus sierra)	Handlines and hand-operated pole-and-lines, (Pelagic)	Number of Vessels: 0, Licenses: 0, Participants: 0, Aquaculture Facilities: 0	EEZ,(FAO:71 Pacific Western Central),Upper Gulf of California			
Cannonball jellyfish (Stomolophus meleagris), Jellyfishes nei (Rhopilema spp)	Other (Please Specify) Red cuchara mayor 5", recolección manual 0 cerca de la costa., (Midwater)	Number of Vessels: 520, Licenses: 101, Participants: 1560, Aquaculture Facilities: 0	EEZ,(FAO:71 Pacific Western Central),Gulf of California/Baja Sur			
Abalones nei (Haliotis spp), Red abalone (Haliotis rufescens), Southern green abalone (Haliotis fulgens)	Other (Please Specify) EQUIPO DE BUCEO SEMIAUTONOMO . EXTRACCION MANUAL CON ARRANCADOR GRADUADO CERTIFICADO POR SADER, CON LA MARCA QUE INDICA LA TALLA MINIMA DE CAPTURA., (Demersal)	Number of Vessels: 248, Licenses: 0, Participants: 744, Aquaculture Facilities: 0	EEZ,(FAO:71 Pacific Western Central),Baja California			
Abalones nei (Haliotis spp), Red abalone (Haliotis rufescens), Southern green abalone (Haliotis fulgens)	Other (Please Specify) ACUACULTURA, (Demersal)	Number of Vessels: 0, Licenses: 0, Participants: 0, Aquaculture Facilities: 0	EEZ,(FAO:71 Pacific Western Central),Baja California			
Chione spp (Chione spp), Hard clams nei (Meretrix spp)	Diving (SCUBA and/or free-diving), (Demersal)	Number of Vessels: 91, Licenses: 55, Participants: 273, Aquaculture Facilities: 0	EEZ,(FAO:71 Pacific Western Central),Pacific Ocean			

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Japanese carpet shell (<i>Ruditapes philippinarum</i>)	Aquaculture (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			
Bigeye tuna (<i>Thunnus obesus</i>), Pacific bluefin tuna (<i>Thunnus orientalis</i>), Yellowfin tuna (<i>Thunnus albacares</i>)	Aquaculture (cages, net pens), (Pelagic)	UNKNOWN	High Seas,(FAO:77 Pacific Eastern Central),Bluefin: Gulf of California/Baja			IATTC
American cupped oyster (<i>Crassostrea virginica</i>), Cortez oyster (<i>Crassostrea corteziensis</i>), Flat and cupped oysters nei (<i>Ostreidae</i>), Mazatlan pearl oyster (<i>Pinctada mazatlanica</i>), Pacific cupped oyster (<i>Crassostrea gigas</i>), Western wing oyster (<i>Pteria sterna</i>)	Aquaculture (bottom), (Demersal)	UNKNOWN	EEZ,(FAO:71 Pacific Western Central),Gulf of California/Baja			
Pacific lion's paw (<i>Lyropecten subnodosus</i>)	Diving (SCUBA and/or free-diving)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Baja California			
Pacific geoduck (<i>Panopea generosa</i>)	Other (Please Specify) BUCEO SEMIAUTONOMO , EXTRACCION MANUAL, (Demersal)	Number of Vessels: 342, Licenses: 186, Participants: 1026, Aquaculture Facilities: 0	EEZ,(FAO:71 Pacific Western Central),Baja California y Sonora			
Cobia (<i>Rachycentron canadum</i>)	Handlines and hand-operated pole-and-lines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Gulf of Mexico			
Conch nei (<i>Strombidae</i>)	Diving (SCUBA and/or free-diving), (Demersal)	Number of Vessels: 341, Licenses: 113, Participants: 1023, Aquaculture Facilities: 0	EEZ,(FAO:31 Atlantic Western Central),none provided			
Marine crabs nei (<i>Brachyura</i>)	Hoop net (staked trap net), (Benthic)	Number of Vessels: 3365, Licenses: 452, Participants: 6730, Aquaculture Facilities: 0	EEZ,(FAO:31 Atlantic Western Central),Gulf of Mexico			
Marine crabs nei (<i>Brachyura</i>), Swimming crabs/etc. nei (<i>Portunidae</i>)	Hoop net (staked trap net), (Benthic)	Number of Vessels: 2700, Licenses: 455, Participants: 5,400, Aquaculture Facilities: 0	EEZ,(FAO:71 Pacific Western Central),Pacific Ocean			
Atlantic halibut (<i>Hippoglossus hippoglossus</i>), Flatfishes nei (<i>Pleuronectiformes</i>), Soles nei (<i>Soleidae</i>), Turbot (<i>Psetta maxima</i>), Whitefishes nei (<i>Coregonus</i> spp)	Handlines and hand-operated pole-and-lines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Pacific Ocean			
Seabasses nei (<i>Dicentrarchus</i> spp)	Pole and Lines, (Midwater)	UNKNOWN	EEZ,(FAO:71 Pacific Western Central),In dam			

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Sea urchins nei (Strongylocentrotus spp)	Diving (spearfishing), (Bottom)	Number of Vessels: 271, Licenses: 56, Participants: 813, Aquaculture Facilities: 0	EEZ,(FAO:71 Pacific Western Central),West Coast of Baja California			
Seaweeds nei (Algae)	Diving (SCUBA and/or free-diving), (Bottom)	Number of Vessels: 53, Licenses: 29, Participants: 159, Aquaculture Facilities: 0	EEZ,(FAO:71 Pacific Western Central),Pacific Ocean and Gulf of California			
Groupers nei (Epinephelus spp)	Longlines (not specified), (Pelagic)	Number of Vessels: 3605, Licenses: 1505, Participants: 10815, Aquaculture Facilities: 0	EEZ,(FAO:31 Atlantic Western Central),Gulf of Mexico: Mexican EEZ			
Deep-water red snapper (Etelis carbunculus)	Longlines (not specified), (Demersal)	Number of Vessels: 3605, Licenses: 1505, Participants: 10815, Aquaculture Facilities: 0	EEZ,(FAO:31 Atlantic Western Central),Gulf of Mexico			
Various sharks nei (Selachimorpha (Pleurotremata))	Longlines (not specified), (Pelagic)	Number of Vessels: 3764, Licenses: 143, Participants: 11292, Aquaculture Facilities: 0	EEZ,(FAO:31 Atlantic Western Central),Gulf of Mexico and Caribbean: Mexican EEZ	Risso's dolphin, grampus (UNKNOWN) pilot whale unspecified (UNKNOWN)	Risso's dolphin, grampus (UNKNOWN): NOT PROVIDED pilot whale unspecified (UNKNOWN): NOT PROVIDED	
Various sharks nei (Selachimorpha (Pleurotremata))	Longlines (not specified), (Pelagic)	Number of Vessels: 3764, Licenses: 143, Participants: 11292, Aquaculture Facilities: 9	EEZ,(FAO:31 Atlantic Western Central),Gulf of Mexico and Caribbean: Mexican EEZ			
Swordfish (Xiphias gladius)	Pole and Lines, (Pelagic)	Number of Vessels: 0, Licenses: 0, Participants: 0, Aquaculture Facilities: 0	EEZ,(FAO:61 Pacific Northwest),Pacific Ocean			
Albacore (Thunnus alalunga), Atlantic bluefin tuna (Thunnus thynnus), Bigeye tuna (Thunnus obesus), Black skipjack (Euthynnus lineatus), Skipjack tuna (Katsuwonus pelamis), Yellowfin tuna (Thunnus albacares)	Pole and Lines, (Pelagic)	Number of Vessels: 13, Licenses: 13, Participants: 312, Aquaculture Facilities: 0	High Seas,(FAO:77 Pacific Eastern Central, FAO:67 Pacific Northeast, FAO:87 Pacific Southeast, FAO:81 Pacific Southwest),Inter-American Tropical Tuna Commission convention area			IATTC
Gulf weakfish(=Gulf corvina) (Cynoscion othonopterus), Orangemouth weakfish (Cynoscion xanthurus), Shortfin weakfish (Cynoscion parvipinnis)	Handlines and hand-operated pole-and-lines, (Pelagic)	Number of Vessels: 737, Licenses: 375, Participants: 2211, Aquaculture Facilities: 0	EEZ,(FAO:71 Pacific Western Central),northern Gulf of California			
Octopuses nei (Octopus spp)	Diving (SCUBA and/or free-diving), (Demersal)	Number of Vessels: 156, Licenses: 50, Participants: 468, Aquaculture Facilities: 0	EEZ,(FAO:61 Pacific Northwest),Gulf of California: Mexican EEZ			
Octopuses nei (Octopus spp)	Grappling and wounding gears (gaffs), (Demersal)	Number of Vessels: 156, Licenses: 50, Participants: 468, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Gulf of California: Mexican EEZ			

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Octopuses nei (Octopus spp)	Baited pole, (Demersal)	Number of Vessels: 5962, Licenses: 688, Participants: 17,886, Aquaculture Facilities: 0	EEZ,(FAO:34 Atlantic Eastern Central),Gulf of Mexico: Mexican EEZ			
Lobsters nei (Reptantia)	Other (Please Specify) ANZUELO, (Demersal)	Number of Vessels: 179, Licenses: 48, Participants: 537, Aquaculture Facilities: 0	EEZ,(FAO:34 Atlantic Eastern Central),Gulf of Mexico: Mexican EEZ			
Lobsters nei (Reptantia)	Unknown/Gear not known/Not provided, (Demersal)	Number of Vessels: 585, Licenses: 49, Participants: 1755, Aquaculture Facilities: 0	EEZ,(FAO:71 Pacific Western Central),Gulf of California: Mexican EEZ			
Export Fisheries						
Californian anchovy (Engraulis mordax), Gulf weakfish(=Gulf corvina) (Cynoscion othonopterus), Herrings/sardines nei (Clupeidae), Leatherjackets nei (Oligoplites spp), Mackerels nei (Scombridae), Orangemouth weakfish (Cynoscion xanthulum), Pacific anchoveta (Cetengraulis mysticetus), Pacific chub mackerel (Scomber japonicus), Red-eye round herring (Etrumeus teres), Shortfin weakfish (Cynoscion parvipinnis), South American pilchard (Sardinops sagax), Thread herrings nei (Opisthonema spp)	Purse seines, (Pelagic)	Number of Vessels: 60, Licenses: 60, Participants: 540, Aquaculture Facilities: 0	EEZ,(FAO:71 Pacific Western Central),Upper Gulf of California			
Cobia (Rachycentron canadum)	trot lines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Gulf of Mexico			
Cobia (Rachycentron canadum)	Pots/traps	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Gulf of Mexico			
Cobia (Rachycentron canadum)	Gillnets and entangling nets (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Gulf of Mexico			
marine shrimps nei	Trawls (not specified), (Demersal)	Number of Vessels: 850, Licenses: 850, Participants: 7650, Aquaculture Facilities: 0	High Seas,EEZ,(FAO:77 Pacific Eastern Central, FAO:67 Pacific Northeast, FAO:61 Pacific Northwest, FAO:87 Pacific Southeast, FAO:81 Pacific Southwest, FAO:71 Pacific Western Central),Baja Sur: Mexican EEZ	Common bottlenose dolphin (UNKNOWN) Common dolphin, saddleback dolphin (UNKNOWN)	Common bottlenose dolphin (UNKNOWN): UNKNOWN Common dolphin, saddleback dolphin (UNKNOWN): UNKNOWN	

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
marine shrimps nei	Trawls (not specified), (Demersal)	Number of Vessels: 288, Licenses: 345, Participants: 2592, Aquaculture Facilities: 0	High Seas,EEZ,(FAO:31 Atlantic Western Central),Gulf of Mexico: Mexican EEZ (Tamaulipas and Veracruz, in the marine area of 9.14 m, 109.73 m deep)	Common bottlenose dolphin (UNKNOWN) Common dolphin, saddleback dolphin (UNKNOWN)	Common bottlenose dolphin (UNKNOWN): UNKNOWN Common dolphin, saddleback dolphin (UNKNOWN): UNKNOWN	
marine shrimps nei	Trawls (not specified), (Demersal)	Number of Vessels: 288, Licenses: 345, Participants: 2592, Aquaculture Facilities: 0	High Seas,EEZ,(FAO:31 Atlantic Western Central),Gulf of Mexico: Mexican EEZ (Tabasco to Quinta Roo)	Common bottlenose dolphin (UNKNOWN) Common dolphin, saddleback dolphin (UNKNOWN)	Common bottlenose dolphin (UNKNOWN): UNKNOWN Common dolphin, saddleback dolphin (UNKNOWN): UNKNOWN	
marine shrimps nei	Trawls (not specified), (Demersal)	Number of Vessels: 850, Licenses: 850, Participants: 7650, Aquaculture Facilities: none provided	High Seas,EEZ,(FAO:71 Pacific Western Central),Upper Gulf of California			
marine shrimps nei	suripera, (Demersal)	Number of Vessels: 850, Licenses: 850, Participants: 7650, Aquaculture Facilities: 0	High Seas,EEZ,(FAO:71 Pacific Western Central),Upper Gulf of California			
Tallfin croaker(=chano) (Micropogonias altipinnis)	Trawls (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Upper Gulf of California			
California two-spot octopus (Octopus bimaculoides), Octopuses nei (Octopus spp)	Pots/traps, (Demersal)	Number of Vessels: 370, Licenses: 103, Participants: 1110, Aquaculture Facilities: 0	EEZ,(FAO:71 Pacific Western Central),Baja Sur: Mexican EEZ			
Californian anchovy (Engraulis mordax), Herrings/sardines nei (Clupeidae), Leatherjackets nei (Oligoplites spp), Mackerels nei (Scombridae), Pacific anchoveta (Cetengraulis mysticetus), Pacific chub mackerel (Scomber japonicus), Red-eye round herring (Etrumeus teres), South American pilchard (Sardinops sagax), Thread herrings nei (Opisthonema spp) Lobsters nei (Reptantia), Marine crabs nei (Brachyura)	Purse seines, (Pelagic) Pots/traps, (Demersal)	Number of Vessels: 34, Licenses: 34, Participants: 340, Aquaculture Facilities: 0 Number of Vessels: 585, Licenses: 49, Participants: 1755, Aquaculture Facilities: 0	High Seas,EEZ,(FAO:71 Pacific Western Central),West Coast B.C.: (Ensenada e Isla de Cedros) EEZ,(FAO:71 Pacific Western Central),Gulf of California: Mexican EEZ	California sea lion (UNKNOWN) Common dolphin, saddleback dolphin (UNKNOWN) Humpback whale (UNKNOWN)	California sea lion (UNKNOWN): UNKNOWN Common dolphin, saddleback dolphin (UNKNOWN): UNKNOWN Humpback whale (UNKNOWN): UNKNOWN	
Cuttlefishes nei (Sepia spp), Jumbo flying squid (Dosidicus gigas)	Other (Please Specify) POTERAS, (Demersal)	Number of Vessels: 2250, Licenses: 458, Participants: 9000, Aquaculture Facilities: 0	EEZ,(FAO:71 Pacific Western Central),Gulf of California: Mexican EEZ			
Cuttlefishes nei (Sepia spp), Jumbo flying squid (Dosidicus gigas)	Other (Please Specify) POTERAS, (Demersal)	Number of Vessels: 2250, Licenses: 458, Participants: 9000, Aquaculture Facilities: none provided	EEZ,(FAO:71 Pacific Western Central),Pacific Ocean			
Various sharks nei (Selachimorpha (Pleurotremata))	Longlines (not specified), (Pelagic)	Number of Vessels: 1870, Licenses: 435, Participants: 5610, Aquaculture Facilities: 0	EEZ,(FAO:71 Pacific Western Central),Gulf of California: Mexican EEZ	California sea lion (UNKNOWN) Common dolphin, saddleback dolphin (UNKNOWN) Humpback whale (UNKNOWN) Vaquita, Gulf of California harbor porpoise (UNKNOWN)	California sea lion (UNKNOWN): 0 Common dolphin, saddleback dolphin (UNKNOWN): 0 Humpback whale (UNKNOWN): 0 Vaquita, Gulf of California harbor porpoise (UNKNOWN): 0	

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Rays and skates nei (Rajidae), Various sharks nei (Selachimorpha (Pleurotremata))	Longlines (not specified), (Pelagic)	Number of Vessels: 1870, Licenses: 435, Participants: 5610, Aquaculture Facilities: 0	EEZ,(FAO:71 Pacific Western Central),Gulf of California: Mexican EEZ			
Various sharks nei (Selachimorpha (Pleurotremata))	Longlines (not specified), (Pelagic)	Number of Vessels: 1870, Licenses: 435, Participants: 5610, Aquaculture Facilities: 0	EEZ,(FAO:71 Pacific Western Central),Baja Sur: Mexican EEZ	Risso's dolphin, grampus (UNKNOWN) pilot whale unspecified (UNKNOWN)	Risso's dolphin, grampus (UNKNOWN): 0 pilot whale unspecified (UNKNOWN): 0	
Various sharks nei (Selachimorpha (Pleurotremata))	Gillnets and entangling nets (not specified), (Pelagic)	Number of Vessels: 1870, Licenses: 435, Participants: 5610, Aquaculture Facilities: 0	EEZ,(FAO:71 Pacific Western Central),Baja Sur: Mexican EEZ			
Various sharks nei (Selachimorpha (Pleurotremata))	Gillnets and entangling nets (not specified), (Pelagic)	Number of Vessels: 3665, Licenses: 337, Participants: 10995, Aquaculture Facilities: 0	EEZ,(FAO:31 Atlantic Western Central),Gulf of Mexico: Mexican EEZ	Common bottlenose dolphin (UNKNOWN)	Common bottlenose dolphin (UNKNOWN): 0	
Various sharks nei (Selachimorpha (Pleurotremata))	Gillnets and entangling nets (not specified), (Pelagic)	Number of Vessels: 3665, Licenses: 337, Participants: 10995, Aquaculture Facilities: 0	EEZ,(FAO:31 Atlantic Western Central),Gulf of Mexico: Mexican EEZ	Risso's dolphin, grampus (UNKNOWN) pilot whale unspecified (UNKNOWN)	Risso's dolphin, grampus (UNKNOWN): 0 pilot whale unspecified (UNKNOWN): 0	
Atlantic halibut (Hippoglossus hippoglossus), Flatfishes nei (Pleuronectiformes), Soles nei (Soleidae), Turbot (Psetta maxima), Whitefishes nei (Coregonus spp)	Gillnets and entangling nets (not specified), (Demersal)	Number of Vessels: 5991, Licenses: 5991, Participants: 11982, Aquaculture Facilities: 0	EEZ,(FAO:67 Pacific Northeast, FAO:61 Pacific Northwest, FAO:87 Pacific Southeast, FAO:81 Pacific Southwest, FAO:71 Pacific Western Central),Pacific Ocean			
Atlantic halibut (Hippoglossus hippoglossus), Flatfishes nei (Pleuronectiformes), Soles nei (Soleidae), Turbot (Psetta maxima), Whitefishes nei (Coregonus spp)	Longlines (not specified), (Pelagic)	Number of Vessels: 5991, Licenses: 5991, Participants: 11982, Aquaculture Facilities: none provided	EEZ,(FAO:77 Pacific Eastern Central, FAO:67 Pacific Northeast, FAO:61 Pacific Northwest, FAO:87 Pacific Southeast, FAO:81 Pacific Southwest, FAO:71 Pacific Western Central),Pacific Ocean			
Groundfishes nei (Osteichthyes), Hakes nei (Merluccius spp), Northern cods nei (Gadus spp), Sablefish (Anoplopoma fimbria)	Longlines (not specified), (Pelagic)	Number of Vessels: 5991, Licenses: 5991, Participants: 11982, Aquaculture Facilities: 0	EEZ,(FAO:77 Pacific Eastern Central, FAO:67 Pacific Northeast, FAO:61 Pacific Northwest, FAO:87 Pacific Southeast, FAO:81 Pacific Southwest, FAO:71 Pacific Western Central),West Coast of Baja California			

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Atlantic halibut (<i>Hippoglossus hippoglossus</i>), Flatfishes nei (<i>Pleuronectiformes</i>), Soles nei (<i>Soleidae</i>), Turbot (<i>Psetta maxima</i>), Whitefishes nei (<i>Coregonus</i> spp)	Pots/traps, (Demersal)	Number of Vessels: 5991, Licenses: 5991, Participants: 11982, Aquaculture Facilities: 0	EEZ,(FAO:77 Pacific Eastern Central, FAO:67 Pacific Northeast, FAO:61 Pacific Northwest, FAO:87 Pacific Southeast, FAO:81 Pacific Southwest, FAO:71 Pacific Western Central),Pacific Ocean			
Groundfishes nei (<i>Osteichthyes</i>), Hakes nei (<i>Merluccius</i> spp), Northern cods nei (<i>Gadus</i> spp), Sablefish (<i>Anoplopoma fimbria</i>)	Pots/traps, (Pelagic)	Number of Vessels: 5991, Licenses: 5991, Participants: 11982, Aquaculture Facilities: 0	EEZ,(FAO:77 Pacific Eastern Central, FAO:67 Pacific Northeast, FAO:61 Pacific Northwest, FAO:87 Pacific Southeast, FAO:81 Pacific Southwest),West Coast of Baja California			
Barred sand bass (<i>Paralabrax nebulifer</i>), Gulf weakfish(=Gulf corvina) (<i>Cynoscion othonopterus</i>), Orangemouth weakfish (<i>Cynoscion xanthulum</i>), Shortfin weakfish (<i>Cynoscion parvipinnis</i>), Soles nei (<i>Soleidae</i>)	Gillnets and entangling nets (not specified), (Demersal)	Number of Vessels: 5991, Licenses: 5991, Participants: 11982, Aquaculture Facilities: 0	EEZ,(FAO:77 Pacific Eastern Central, FAO:67 Pacific Northeast, FAO:61 Pacific Northwest, FAO:87 Pacific Southeast, FAO:81 Pacific Southwest, FAO:71 Pacific Western Central),Pacific Ocean: west coast of Baja California Peninsula			
Barred sand bass (<i>Paralabrax nebulifer</i>), Gulf weakfish(=Gulf corvina) (<i>Cynoscion othonopterus</i>), Orangemouth weakfish (<i>Cynoscion xanthulum</i>), Shortfin weakfish (<i>Cynoscion parvipinnis</i>), Soles nei (<i>Soleidae</i>)	Longlines (not specified), (Pelagic)	Number of Vessels: 5991, Licenses: 5991, Participants: 11982, Aquaculture Facilities: 0	EEZ,(FAO:77 Pacific Eastern Central, FAO:67 Pacific Northeast, FAO:61 Pacific Northwest, FAO:87 Pacific Southeast, FAO:81 Pacific Southwest, FAO:71 Pacific Western Central),Pacific Ocean: west coast of Baja California Peninsula			
Barred sand bass (<i>Paralabrax nebulifer</i>), Gulf weakfish(=Gulf corvina) (<i>Cynoscion othonopterus</i>), Orangemouth weakfish (<i>Cynoscion xanthulum</i>), Shortfin weakfish (<i>Cynoscion parvipinnis</i>), Soles nei (<i>Soleidae</i>)	Pots/traps, (Pelagic)	Number of Vessels: 5991, Licenses: 5991, Participants: 11982, Aquaculture Facilities: 0	EEZ,(FAO:77 Pacific Eastern Central, FAO:67 Pacific Northeast, FAO:61 Pacific Northwest, FAO:87 Pacific Southeast, FAO:81 Pacific Southwest, FAO:71 Pacific Western Central),Pacific Ocean: west coast of Baja California Peninsula			

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Atlantic bluefin tuna (<i>Thunnus thynnus</i>), Marlins nei (<i>Makaira</i> spp), Swordfish (<i>Xiphias gladius</i>), Various sharks nei (<i>Selachimorpha</i> (<i>Pleurotremata</i>)), Yellowfin tuna (<i>Thunnus albacares</i>)	Longlines (not specified), (Pelagic)	Number of Vessels: 34, Licenses: 34, Participants: 816, Aquaculture Facilities: 0	High Seas,EEZ,(FAO:21 Atlantic Northwest),Gulf of Mexico: Mexican EEZ	California sea lion (UNKNOWN) Clymene dolphin (UNKNOWN) Common bottlenose dolphin (UNKNOWN) Common dolphin, saddleback dolphin (UNKNOWN) Eastern spinner dolphin (UNKNOWN) False killer whale (UNKNOWN) Humpback whale (UNKNOWN) Offshore pantropical spotted dolphin (UNKNOWN) Pantropical spotted dolphin (UNKNOWN) Pygmy killer whale (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Rough-toothed dolphin (UNKNOWN) Short-finned pilot whale (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Spinner dolphin (UNKNOWN) Striped dolphin (UNKNOWN) Vaquita, Gulf of California harbor porpoise (UNKNOWN) pilot whale unspecified (UNKNOWN)	California sea lion (UNKNOWN): 0 Clymene dolphin (UNKNOWN): 0 Common bottlenose dolphin (UNKNOWN): 0 Common dolphin, saddleback dolphin (UNKNOWN): 0 Eastern spinner dolphin (UNKNOWN): 0 False killer whale (UNKNOWN): 0 Humpback whale (UNKNOWN): 0 Offshore pantropical spotted dolphin (UNKNOWN): 0 Pantropical spotted dolphin (UNKNOWN): 0 Pygmy killer whale (UNKNOWN): 0 Risso's dolphin, grampus (UNKNOWN): 0 Rough-toothed dolphin (UNKNOWN): 0 Short-finned pilot whale (UNKNOWN): 0 Sperm whale, cachalot (UNKNOWN): 0 Spinner dolphin (UNKNOWN): 0 Striped dolphin (UNKNOWN): 0 Vaquita, Gulf of California harbor porpoise (UNKNOWN): 0 pilot whale unspecified (UNKNOWN): 0	ICCAT
Albacore (<i>Thunnus alalunga</i>), Bigeye tuna (<i>Thunnus obesus</i>), Black skipjack (<i>Euthynnus lineatus</i>), Pacific bluefin tuna (<i>Thunnus orientalis</i>), Skipjack tuna (<i>Katsuwonus pelamis</i>), Yellowfin tuna (<i>Thunnus albacares</i>)	Longlines (not specified), (Pelagic)	Number of Vessels: 64, Licenses: 64, Participants: 1408, Aquaculture Facilities: 0	High Seas,EEZ,(FAO:77 Pacific Eastern Central),Inter-American Tropical Tuna Commission Convention area	Risso's dolphin, grampus (UNKNOWN) pilot whale unspecified (UNKNOWN)	Risso's dolphin, grampus (UNKNOWN): 0 pilot whale unspecified (UNKNOWN): 0	IATTC
Albacore (<i>Thunnus alalunga</i>), Bigeye tuna (<i>Thunnus obesus</i>), Black skipjack (<i>Euthynnus lineatus</i>), Pacific bluefin tuna (<i>Thunnus orientalis</i>), Skipjack tuna (<i>Katsuwonus pelamis</i>), Yellowfin tuna (<i>Thunnus albacares</i>)	Purse seines, (Pelagic)	Number of Vessels: 64, Licenses: 64, Participants: none provided, Aquaculture Facilities: none provided	High Seas,EEZ,(FAO:77 Pacific Eastern Central),Inter-American Tropical Tuna Commission Convention area	Common dolphin, saddleback dolphin (UNKNOWN) Eastern spinner dolphin (UNKNOWN) Offshore pantropical spotted dolphin (UNKNOWN) Spinner dolphin (UNKNOWN) Striped dolphin (UNKNOWN)	Common dolphin, saddleback dolphin (UNKNOWN): 0 Eastern spinner dolphin (UNKNOWN): 0 Offshore pantropical spotted dolphin (UNKNOWN): 0 Spinner dolphin (UNKNOWN): 0 Striped dolphin (UNKNOWN): 0	IATTC
Gulf weakfish(=Gulf corvina) (<i>Cynoscion othonopterus</i>), Orangemouth weakfish (<i>Cynoscion xanthurum</i>), Shortfin weakfish (<i>Cynoscion parvipinnis</i>)	Encircling gillnets, (Pelagic)	Number of Vessels: 737, Licenses: 737, Participants: 2211, Aquaculture Facilities: 0	EEZ,(FAO:71 Pacific Western Central),northern Gulf of California, El Golfo de Santa Clara	California sea lion (UNKNOWN) Common dolphin, saddleback dolphin (UNKNOWN) Humpback whale (UNKNOWN) Vaquita, Gulf of California harbor porpoise (UNKNOWN)	California sea lion (UNKNOWN): UNKNOWN Common dolphin, saddleback dolphin (UNKNOWN): UNKNOWN Humpback whale (UNKNOWN): UNKNOWN Vaquita, Gulf of California harbor porpoise (UNKNOWN): UNKNOWN	
Gulf weakfish(=Gulf corvina) (<i>Cynoscion othonopterus</i>), Orangemouth weakfish (<i>Cynoscion xanthurum</i>), Shortfin weakfish (<i>Cynoscion parvipinnis</i>)	Purse seines, (Pelagic)	Number of Vessels: 5991, Licenses: 5991, Participants: 11982, Aquaculture Facilities: 0	EEZ,(FAO:77 Pacific Eastern Central, FAO:67 Pacific Northeast, FAO:61 Pacific Northwest, FAO:87 Pacific Southeast, FAO:81 Pacific Southwest, FAO:71 Pacific Western Central),Upper Gulf of California			

Morocco

Exempt Fisheries

Cephalopods nei (*Cephalopoda*), Cuttlefishes nei (*Sepia* spp), Octopuses nei (*Octopus* spp), Various squids nei (*Loliginidae*, *Ommastrephidae*)

Jig, (Benthic)

UNKNOWN

EEZ,(FAO:34 Atlantic Eastern Central, FAO:37 Mediterranean and Black Sea),Mediterranean Sea and Atlantic Ocean

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Seaweeds nei (Algae)	Diving (SCUBA and/or free-diving)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Areas near Sidi Moussa, Cape Tamlet, Cape Juby, Cape Levin			
Marine crustaceans nei (Crustacea), Sea mussels nei (Mytilidae)	Hand collection	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Coastal and intertidal zone			
Precious corals nei (Corallium spp)	Diving (SCUBA and/or free-diving)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Cape Spartel-Larache (Atlantic)			
Export Fisheries						
Swordfish (Xiphias gladius), Tunas nei (Thunnini)	Handlines and hand-operated pole-and-lines, (Surface), Purse seines, (Pelagic)	UNKNOWN	High Seas, EEZ, Turkey, (FAO:34 Atlantic Eastern Central, FAO:37 Mediterranean and Black Sea),Mediterranean Sea, and East Atlantic (for Blue fine tuna) and North Atlantic (Sworfish) of International Convention for the Conservation of Atlantic Tuna Convention Area	Common bottlenose dolphin (STOCK NOT SPECIFIED) Dolphin unspecified (STOCK NOT SPECIFIED) Killer whale, orca (STOCK NOT SPECIFIED)	Common bottlenose dolphin (STOCK NOT SPECIFIED): NOT PROVIDED Dolphin unspecified (STOCK NOT SPECIFIED): NOT PROVIDED Killer whale, orca (STOCK NOT SPECIFIED): NOT PROVIDED	ICCAT
marine shrimps nei	Trawls (not specified), (Bottom)	UNKNOWN	EEZ,(FAO:34 Atlantic Eastern Central, FAO:37 Mediterranean and Black Sea),Mediterranean sea, Atlantic Ocean	Common bottlenose dolphin (STOCK NOT SPECIFIED) Dolphin unspecified (STOCK NOT SPECIFIED) Killer whale, orca (STOCK NOT SPECIFIED)	Common bottlenose dolphin (STOCK NOT SPECIFIED): UNKNOWN Dolphin unspecified (STOCK NOT SPECIFIED): UNKNOWN Killer whale, orca (STOCK NOT SPECIFIED): UNKNOWN	
Tunas nei (Thunnini)	Purse seines, (Pelagic)	UNKNOWN	High Seas, EEZ, Turkey, (FAO:34 Atlantic Eastern Central, FAO:37 Mediterranean and Black Sea),Mediterranean Sea, Gibraltar Detroit, Atlantic Ocean (International Convention for the Conservation of Atlantic Tuna Convention Area)	Common bottlenose dolphin (STOCK NOT SPECIFIED) Dolphin unspecified (STOCK NOT SPECIFIED) Killer whale, orca (STOCK NOT SPECIFIED)	Common bottlenose dolphin (STOCK NOT SPECIFIED): UNKNOWN Dolphin unspecified (STOCK NOT SPECIFIED): UNKNOWN Killer whale, orca (STOCK NOT SPECIFIED): UNKNOWN	GFCM,ICCAT
Anchovies nei (Engraulis spp), Herrings/sardines nei (Clupeidae), Jack and horse mackerels nei (Trachurus spp), Mackerels nei (Scombridae), Sardinellas nei (Sardinella spp)	Purse seines, (Surface), Trawls (not specified), (Midwater), Trawls (not specified), (Pelagic)	Number of Vessels: 715, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:34 Atlantic Eastern Central, FAO:37 Mediterranean and Black Sea),Mediterranean Sea; Atlantic Ocean	Common bottlenose dolphin (STOCK NOT SPECIFIED) Dolphin unspecified (STOCK NOT SPECIFIED) Killer whale, orca (STOCK NOT SPECIFIED)	Common bottlenose dolphin (STOCK NOT SPECIFIED): UNKNOWN Dolphin unspecified (STOCK NOT SPECIFIED): UNKNOWN Killer whale, orca (STOCK NOT SPECIFIED): UNKNOWN	

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Hakes nei (Merluccius spp), Mulletts nei (Mugilidae), Porgies/seabreams nei (Sparidae), Seabasses nei (Dicentrarchus spp)	Longlines (not specified), (Demersal), Trawls (not specified), (Demersal)	UNKNOWN	EEZ,(FAO:34 Atlantic Eastern Central, FAO:37 Mediterranean and Black Sea)	Common bottlenose dolphin (STOCK NOT SPECIFIED) Dolphin unspecified (STOCK NOT SPECIFIED) Killer whale, orca (STOCK NOT SPECIFIED)	Common bottlenose dolphin (STOCK NOT SPECIFIED): UNKNOWN Dolphin unspecified (STOCK NOT SPECIFIED): UNKNOWN Killer whale, orca (STOCK NOT SPECIFIED): UNKNOWN	
Anchovies nei (Engraulis spp), Herrings/sardines nei (Clupeidae), Jack and horse mackerels nei (Trachurus spp), Mackerels nei (Scombridae), Sardinellas nei (Sardinella spp)	Purse seines, (Surface), Trawls (not specified), (Midwater), Trawls (not specified), (Pelagic)	Number of Vessels: 715, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:34 Atlantic Eastern Central, FAO:37 Mediterranean and Black Sea),Mediterranean Sea; Atlantic Ocean	Common bottlenose dolphin (STOCK NOT SPECIFIED) Dolphin unspecified (STOCK NOT SPECIFIED) Killer whale, orca (STOCK NOT SPECIFIED)	Common bottlenose dolphin (STOCK NOT SPECIFIED): UNKNOWN Dolphin unspecified (STOCK NOT SPECIFIED): UNKNOWN Killer whale, orca (STOCK NOT SPECIFIED): UNKNOWN	
Swordfish (Xiphias gladius)	Longlines (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Mediterranean Sea, Gibraltar Detroit; Atlantic Ocean (International Convention for the Conservation of Atlantic Tuna Convention Area)	Dolphin unspecified (STOCK NOT SPECIFIED) Killer whale, orca (STOCK NOT SPECIFIED)	Dolphin unspecified (STOCK NOT SPECIFIED): UNKNOWN Killer whale, orca (STOCK NOT SPECIFIED): UNKNOWN	GFCM,IC CAT
Cuttlefishes nei (Sepia spp), Octopuses nei (Octopus spp), Various squids nei (Loliginidae, Ommastrephidae)	Jig, (Benthic), Trawls (not specified), (Bottom), octopus pots, (Bottom)	UNKNOWN	EEZ,(FAO:34 Atlantic Eastern Central, FAO:37 Mediterranean and Black Sea),Mediterranean Sea and Atlantic Ocean	Common bottlenose dolphin (STOCK NOT SPECIFIED) Dolphin unspecified (STOCK NOT SPECIFIED) Killer whale, orca (STOCK NOT SPECIFIED)	Common bottlenose dolphin (STOCK NOT SPECIFIED): UNKNOWN Dolphin unspecified (STOCK NOT SPECIFIED): UNKNOWN Killer whale, orca (STOCK NOT SPECIFIED): UNKNOWN	

Mozambique

Exempt Fisheries

Cuttlefishes nei (Sepia spp), Hard corals/madrepores nei (Scleractinia), Marine shells nei (Ex Mollusca)	Diving (SCUBA and/or free-diving)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Cape Spartel-Larache
marine shrimps nei	Aquaculture (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Beira, Sofala Province, Pemb, Cabo Delgado Province
Demersal fishes nei (Osteichthyes), Pelagic fishes nei (Osteichthyes), marine shrimps nei	Handlines and hand-operated pole-and-lines, Pots/traps	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	nearshore Mozambique, provinces of Nampula, Zambezia, Sofala, Inhambane and Maputo
Demersal fishes nei (Osteichthyes), Pelagic fishes nei (Osteichthyes), marine shrimps nei	Beach seines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	nearshore Mozambique, provinces of Nampula, Zambezia, Sofala, Inhambane and Maputo

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Export Fisheries marine shrimps nei	Trawls (not specified), (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Mozambique channel			
Demersal fishes nei (Osteichthyes), Pelagic fishes nei (Osteichthyes), marine shrimps nei	Gillnets and entangling nets (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	nearshore Mozambique, provinces of Nampula, Zambezia, Sofala, Inhambane and Maputo	Dolphin unspecified (STOCK NOT SPECIFIED) Dugong (STOCK NOT SPECIFIED) Indo-Pacific humpback dolphin (STOCK NOT SPECIFIED) Whale unspecified (STOCK NOT SPECIFIED)	Dolphin unspecified (STOCK NOT SPECIFIED): NOT PROVIDED Dugong (STOCK NOT SPECIFIED): NOT PROVIDED Indo-Pacific humpback dolphin (STOCK NOT SPECIFIED): NOT PROVIDED Whale unspecified (STOCK NOT SPECIFIED): NOT PROVIDED	
Demersal fishes nei (Osteichthyes), Pelagic fishes nei (Osteichthyes), marine shrimps nei	Longlines (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	nearshore Mozambique, provinces of Nampula, Zambezia, Sofala, Inhambane and Maputo			
Demersal fishes nei (Osteichthyes), Pelagic fishes nei (Osteichthyes), marine shrimps nei	Purse seines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	nearshore Mozambique, provinces of Nampula, Zambezia, Sofala, Inhambane and Maputo			
Bigeye tuna (Thunnus obesus), Dolphinfishes nei (Coryphaenidae), Swordfish (Xiphias gladius), Various sharks nei (Selachimorpha (Pleurotremata)), Yellowfin tuna (Thunnus albacares)	Purse seines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Indian Ocean, Indian Ocean Tuna Commission Convention Area			IOTC
Emperors/Scavengers nei (Lethrinidae), Groupers nei (Epinephelus spp), Lobsters nei (Reptantia), Marine crustaceans nei (Crustacea), Marine fishes nei (Osteichthyes), Painted spiny lobster (Panulirus versicolor), Porgies/seabreams nei (Sparidae), Rock lobsters nei (Jasus spp), Snappers nei (Lutjanus spp), Various squids nei (Loliginidae, Ommastrephidae), marine shrimps nei	Pots/traps	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Sofala bank, Delagoa bight, Mozambique channel			
Emperors/Scavengers nei (Lethrinidae), Groupers nei (Epinephelus spp), Lobsters nei (Reptantia), Marine crustaceans nei (Crustacea), Marine fishes nei (Osteichthyes), Painted spiny lobster (Panulirus versicolor), Porgies/seabreams nei (Sparidae), Rock lobsters nei (Jasus spp), Snappers nei (Lutjanus spp), Various squids nei (Loliginidae, Ommastrephidae), marine shrimps nei	Gillnets and entangling nets (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Sofala bank, Delagoa bight, Mozambique channel	Dolphin unspecified (STOCK NOT SPECIFIED) Dugong (STOCK NOT SPECIFIED) Indo-Pacific humpback dolphin (STOCK NOT SPECIFIED) Whale unspecified (STOCK NOT SPECIFIED)	Dolphin unspecified (STOCK NOT SPECIFIED): NOT PROVIDED Dugong (STOCK NOT SPECIFIED): NOT PROVIDED Indo-Pacific humpback dolphin (STOCK NOT SPECIFIED): NOT PROVIDED Whale unspecified (STOCK NOT SPECIFIED): NOT PROVIDED	
Bigeye tuna (Thunnus obesus), Swordfish (Xiphias gladius), Various sharks nei (Selachimorpha (Pleurotremata)), Yellowfin tuna (Thunnus albacares)	Gillnets and entangling nets (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Indian Ocean, Indian Ocean Tuna Commission Convention Area			IOTC

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO IOTC
Bigeye tuna (<i>Thunnus obesus</i>), Dolphinfishes nei (<i>Coryphaenidae</i>), Seerfishes nei (<i>Scomberomorus</i> spp), Swordfish (<i>Xiphias gladius</i>), Various sharks nei (<i>Selachimorpha</i> (<i>Pleurotremata</i>)), Yellowfin tuna (<i>Thunnus albacares</i>)	Longlines (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Indian Ocean, Indian Ocean Tuna Commission Convention Area			

Myanmar (Burma)

Export Fisheries						
American crayfishes nei (<i>Cambaridae</i>), Anchovies/etc. nei (<i>Engraulidae</i>), Black pomfret (<i>Parastromateus niger</i>), Hairtails/scabbardfishes nei (<i>Trichiuridae</i>), Hairtails/scabbardfishes nei (<i>Trichiuridae</i>), Hairtails/scabbardfishes nei (<i>Trichiuridae</i>), Hairtails/scabbardfishes nei (<i>Trichiuridae</i>), Hairtails/scabbardfishes nei (<i>Trichiuridae</i>), Hairtails/scabbardfishes nei (<i>Trichiuridae</i>), Hairtails/scabbardfishes nei (<i>Trichiuridae</i>), Hairtails/scabbardfishes nei (<i>Trichiuridae</i>), Hairtails/scabbardfishes nei (<i>Trichiuridae</i>), Lizardfishes nei (<i>Synodontidae</i>), Long tongue sole (<i>Cynoglossus lingua</i>), Mackerels nei (<i>Scombridae</i>), Parrotfishes nei (<i>Scaridae</i>), Silver pomfret (<i>Pampus argenteus</i>), Yellowfin tuna (<i>Thunnus albacares</i>)	Stow nets, (Bottom)	Number of Vessels: 113, Licenses: 113, Participants: 560, Aquaculture Facilities: none provided	EEZ,(FAO:57 Indian Ocean Eastern),EEZ			BOBP-IGO
Black pomfret (<i>Parastromateus niger</i>), Conger eels/etc. nei (<i>Congridae</i>), Croakers/drums nei (<i>Sciaenidae</i>), Hilsa shad (<i>Tenualosa ilisha</i>), Long tongue sole (<i>Cynoglossus lingua</i>), Mackerels nei (<i>Scombridae</i>), Mackerels nei (<i>Scombridae</i>), Silver pomfret (<i>Pampus argenteus</i>), Spotted croaker (<i>Ophioscion punctatissimus</i>), Threadfin breams nei (<i>Nemipterus</i> spp), Threadfins/tasselfishes nei (<i>Polynemidae</i>), Yellowfin tuna (<i>Thunnus albacares</i>)	Driftnets, (Surface)	Number of Vessels: 923, Licenses: 923, Participants: 6500, Aquaculture Facilities: none provided	EEZ,(FAO:57 Indian Ocean Eastern),EEZ			BOBP-IGO
Blue swimming crab (<i>Portunus pelagicus</i>), Conger eels/etc. nei (<i>Congridae</i>), Herrings/sardines nei (<i>Clupeidae</i>), Japanese spiny lobster (<i>Panulirus japonicus</i>), Lizardfishes nei (<i>Synodontidae</i>), Long tongue sole (<i>Cynoglossus lingua</i>), Spotted croaker (<i>Ophioscion punctatissimus</i>), Spotted spiny lobster (<i>Panulirus guttatus</i>), Threadfin breams nei (<i>Nemipterus</i> spp), Threespot swimming crab (<i>Portunus sanguinolentus</i>)	Pots/traps, (Midwater)	Number of Vessels: 131, Licenses: 131, Participants: 400, Aquaculture Facilities: none provided	EEZ,(FAO:57 Indian Ocean Eastern),EEZ			BOBP-IGO
Anchovies/etc. nei (<i>Engraulidae</i>), Herrings/sardines nei (<i>Clupeidae</i>), Hilsa shad (<i>Tenualosa ilisha</i>), Indian mackerel (<i>Rastrelliger kanagurta</i>), Indian mackerels nei (<i>Rastrelliger</i> spp), Indo-Pacific king mackerel (<i>Scomberomorus guttatus</i>), Japanese Spanish mackerel (<i>Scomberomorus niphonius</i>), Kawakawa/mackerel tuna (<i>Euthynnus affinis</i>), Mackerels nei (<i>Scombridae</i>), Narrow-barred Spanish mackerel (<i>Scomberomorus commerson</i>), Scomber mackerels nei (<i>Scomber</i> spp), Silver pomfret (<i>Pampus argenteus</i>)	Seine nets (not specified), (Surface)	Number of Vessels: 329, Licenses: 329, Participants: 4900, Aquaculture Facilities: none provided	EEZ,(FAO:57 Indian Ocean Eastern),EEZ			BOBP-IGO
Various squids nei (<i>Loliginidae</i> , <i>Ommastrephidae</i>), Various squids nei (<i>Loliginidae</i> , <i>Ommastrephidae</i>)	Single boat bottom otter trawls, (Demersal)	Number of Vessels: 381, Licenses: 381, Participants: 3048, Aquaculture Facilities: Nil	High Seas,(FAO:57 Indian Ocean Eastern),EEZ			BOBP-IGO
Giant tiger prawn (<i>Penaeus monodon</i>), Greasyback shrimp (<i>Metapenaeus ensis</i>), Green tiger prawn (<i>Penaeus semisulcatus</i>), Northern prawn (<i>Pandalus borealis</i>), Whiteleg shrimp (<i>Penaeus vannamei</i>), Wood shrimp (<i>Metapenaeus conjunctus</i>), marine shrimps nei	Trawls (not specified), (Demersal)	Number of Vessels: 1397, Licenses: 1397, Participants: 20550, Aquaculture Facilities: Nil	EEZ,(FAO:57 Indian Ocean Eastern),EEZ	Indian Ocean humpback dolphin (UNKNOWN)	Indian Ocean humpback dolphin (UNKNOWN): UNKNOWN	BOBP-IGO
Deepbody sardinella (<i>Sardinella brachysoma</i>), Herrings/sardines nei (<i>Clupeidae</i>), Hilsa shad (<i>Tenualosa ilisha</i>), Indo-Pacific king mackerel (<i>Scomberomorus guttatus</i>), Japanese anchovy (<i>Engraulis japonicus</i>), Mackerels nei (<i>Scombridae</i>), Sardinellas nei (<i>Sardinella</i> spp), Spotted sardinella (<i>Amblygaster sirm</i>), Yellowfin tuna (<i>Thunnus albacares</i>)	Purse seines, (Surface)	Number of Vessels: 330, Licenses: 330, Participants: 6600, Aquaculture Facilities: Nil	EEZ,(FAO:57 Indian Ocean Eastern),57.1,EEZ			BOBP-IGO

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Black pomfret (<i>Parastromateus niger</i>), Conger eels/etc. nei (<i>Congridae</i>), Deep-water red snapper (<i>Etelis carbunculus</i>), Herrings/sardines nei (<i>Clupeidae</i>), Hilsa shad (<i>Tenualosa ilisha</i>), Kalabans (<i>Bangana dero</i>), Long tongue sole (<i>Cynoglossus lingua</i>), Longfin trevally (<i>Carangoides armatus</i>), Mackerels nei (<i>Scombridae</i>), Seerfishes nei (<i>Scomberomorus</i> spp), Silver pomfret (<i>Pampus argenteus</i>), Southern meagre(=Mulloway) (<i>Argyrosomus hololepidotus</i>), Spotted croaker (<i>Ophioscion punctatissimus</i>), Threadfin breams nei (<i>Nemipterus</i> spp), Yellowfin tuna (<i>Thunnus albacares</i>)	Single boat bottom otter trawls, (Midwater)	Number of Vessels: 15084, Licenses: 15084, Participants: 150840, Aquaculture Facilities: nil	EEZ,(FAO:57 Indian Ocean Eastern),57.1,EEZ	Indian Ocean humpback dolphin (UNKNOWN)	Indian Ocean humpback dolphin (UNKNOWN): UNKNOWN	BOBP-IGO
Common squids nei (<i>Loligo</i> spp), Herrings/sardines nei (<i>Clupeidae</i>), Japanese anchovy (<i>Engraulis japonicus</i>), Japanese squid (<i>Loligo japonica</i>), Short anchovy (<i>Anchoa curta</i>)	Lift nets (not specified), (Surface)	Number of Vessels: 387, Licenses: 387, Participants: 2300, Aquaculture Facilities: none provided	EEZ,(FAO:57 Indian Ocean Eastern),EEZ			BOBP-IGO

Namibia

Exempt Fisheries						
toothfishes nei (<i>Dissostichus</i> spp)	Longlines (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Subarea 58.4.2			
Sea mussels nei (<i>Mytilidae</i>)	Aquaculture (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Luderitz sea lagoons			
Bigeye tuna (<i>Thunnus obesus</i>), Dolphinfishes nei (<i>Coryphaenidae</i>), Swordfish (<i>Xiphias gladius</i>), Tunas nei (<i>Thunnini</i>), Various sharks nei (<i>Selachimorpha</i> (<i>Pleurotremata</i>)), Yellowfin tuna (<i>Thunnus albacares</i>)	Pole and Lines, (Midwater)	Number of Vessels: 20 - 73, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	High Seas,EEZ,(FAO:47 Atlantic Southeast),South Atlantic, International Convention for the Conservation of Atlantic Tuna Convention Area			
toothfishes nei (<i>Dissostichus</i> spp)	Longlines (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Subarea 58.4.1 (East Antarctica)			
toothfishes nei (<i>Dissostichus</i> spp)	Longlines (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Subarea 58.4.3b			

Export Fisheries

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Mullets nei (Mugilidae)	Combined gillnets-trammel nets, Driftnets	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	FAO Area 47	Heaviside's dolphin, Haviside's dolphin (STOCK NOT SPECIFIED) Seal unspecified (Arctocephalus pusillus pussilus) Whale unspecified (STOCK NOT SPECIFIED)	Heaviside's dolphin, Haviside's dolphin (STOCK NOT SPECIFIED): UNKNOWN Seal unspecified (Arctocephalus pusillus pussilus): UNKNOWN Whale unspecified (STOCK NOT SPECIFIED): UNKNOWN	
Alfonsino (Beryx decadactylus), Demersal fishes nei (Osteichthyes), Orange roughy (Hoplostethus atlanticus), Oreo dories nei (Oreosomatidae), Patagonian toothfish (Dissostichus eleginoides), Pelagic armourheads nei (Pseudopentaceros spp), Red crab (Chaceon quinquedens), Various sharks nei (Selachimorpha (Pleurotremata))	Pots/traps	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Atlantic Southeast (FAO Area 47), SEAFO convention area			SEAFO
West African geryon (Chaceon maritae)	Pots/traps, (Benthic)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Atlantic Southeast (FAO Area 47)			
Rock lobsters nei (Jasus spp)	Pots/traps, (Bottom)	Number of Vessels: 13, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:47 Atlantic Southeast),Southern port of Luderitz	Seal unspecified (Arctocephalus pusillus pussilus)	Seal unspecified (Arctocephalus pusillus pussilus): UNKNOWN	
Alfonsino (Beryx decadactylus), Demersal fishes nei (Osteichthyes), Orange roughy (Hoplostethus atlanticus), Oreo dories nei (Oreosomatidae), Patagonian toothfish (Dissostichus eleginoides), Pelagic armourheads nei (Pseudopentaceros spp), Red crab (Chaceon quinquedens), Various sharks nei (Selachimorpha (Pleurotremata))	Longlines (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Atlantic Southeast (FAO Area 47), SEAFO convention area			SEAFO
Alfonsino (Beryx decadactylus), Demersal fishes nei (Osteichthyes), Orange roughy (Hoplostethus atlanticus), Oreo dories nei (Oreosomatidae), Patagonian toothfish (Dissostichus eleginoides), Pelagic armourheads nei (Pseudopentaceros spp), Red crab (Chaceon quinquedens), Various sharks nei (Selachimorpha (Pleurotremata))	Trawls (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Atlantic Southeast (FAO Area 47), SEAFO convention area			SEAFO
Jack and horse mackerels nei (Trachurus spp)	Midwater trawls (not specified), (Midwater)	Number of Vessels: 9, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:47 Atlantic Southeast),Atlantic Southeast (FAO Area 47)	Seal unspecified (Arctocephalus pusillus pussilus)	Seal unspecified (Arctocephalus pusillus pussilus): 130	
Groundfishes nei (Osteichthyes), Hakes nei (Merluccius spp), Soles nei (Soleidae)	Longlines (not specified), (Demersal)	Number of Vessels: 14, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:47 Atlantic Southeast),Atlantic Southeast (FAO Area 47)	Seal unspecified (Arctocephalus pusillus pussilus)	Seal unspecified (Arctocephalus pusillus pussilus): UNKNOWN	

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Groundfishes nei (Osteichthyes), Hakes nei (Merluccius spp), Soles nei (Soleidae)	Trawls (not specified), (Bottom)	Number of Vessels: 55, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:47 Atlantic Southeast),Atlantic Southeast (FAO Area 47)	Seal unspecified (Arctocephalus pusillus pusillus)	Seal unspecified (Arctocephalus pusillus pusillus): UNKNOWN	

Netherlands

Export Fisheries						
Groundfishes nei (Osteichthyes), Herrings/sardines nei (Clupeidae), Jack and horse mackerels nei (Trachurus spp), Mackerels nei (Scombridae), Porgies/seabreams nei (Sparidae), Sardinellas nei (Sardinella spp)	Trawls (not specified), (Pelagic)	Number of Vessels: 2, Licenses: 2, Participants: 2, Aquaculture Facilities: 0	EEZ,Mauritania,Morocco,(FAO:34 Atlantic Eastern Central),FAO Area 34, Mauritania EEZ			CECAF
Atlantic cod (Gadus morhua), Common dab (Limanda limanda), European seabass (Dicentrarchus labrax), Turbots nei (Scophthalmidae)	Gillnets and entangling nets (not specified), (Bottom), Trammel nets, (Demersal)	Number of Vessels: 70, Licenses: 70, Participants: 70, Aquaculture Facilities: 0	EEZ,(FAO:27 Atlantic Northeast),North Sea (ICES 4c)	Harbor porpoise (345.000 NorthSea, Celtic, and NE-Atlantic)	Harbor porpoise (345.000 NorthSea, Celtic, and NE-Atlantic): 0	
Common sole (Solea solea), European plaice (Pleuronectes platessa), Surmullet (Mullus surmuletus)	Beam trawls, (Benthic)	Number of Vessels: 184, Licenses: 184, Participants: 184, Aquaculture Facilities: 0	EEZ,Belgium,Denmark,France,Germany,United Kingdom,(FAO:27 Atlantic Northeast),North Sea (ICES 4)	Harbor porpoise (345.000 NorthSea, Celtic, and NE-Atlantic)	Harbor porpoise (345.000 NorthSea, Celtic, and NE-Atlantic): 0	
Atlantic mackerel (Scomber scombrus), Blue whiting(=Poutassou) (Micromesistius poutassou), Herrings/sardines nei (Clupeidae), Jack and horse mackerels nei (Trachurus spp)	Trawls (not specified), (Pelagic)	Number of Vessels: 7, Licenses: 7, Participants: 7, Aquaculture Facilities: none provided	High Seas,EEZ,Faroe Islands,Ireland,Norway,United Kingdom,(FAO:27 Atlantic Northeast),North Sea, Celtic Sea, and NE Atlantic (ICES 4-8)	Atlantic white-sided dolphin (101.000 - 146.500 NE-Atlantic) Common dolphin, saddleback dolphin (468.000 NorthSea, Celtic, NE-Atlantic) White-beaked dolphin (61.000 - 89.000 NorthSea, Celtic, NE-Atlantic)	Atlantic white-sided dolphin (101.000 - 146.500 NE-Atlantic): 0 Common dolphin, saddleback dolphin (468.000 NorthSea, Celtic, NE-Atlantic): 0 White-beaked dolphin (61.000 - 89.000 NorthSea, Celtic, NE-Atlantic): 0	NEAFC,S PRFMO

New Caledonia

Export Fisheries						
Albacore (Thunnus alalunga), Bigeye tuna (Thunnus obesus), Tunas nei (Thunnini)	Longlines (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	New Caledonia EEZ	Melon-headed whale, Electra dolphin (STOCK NOT SPECIFIED) Short-finned pilot whale (STOCK NOT SPECIFIED)	Melon-headed whale, Electra dolphin (STOCK NOT SPECIFIED): NOT PROVIDED Short-finned pilot whale (STOCK NOT SPECIFIED): NOT PROVIDED	WCPFC

New Zealand

Exempt Fisheries						
Barracudas/etc. nei (Sphyraenidae), Common warehou (Seriola lalandi), Elephantfishes/etc. nei (Callorhynchidae), Flatfishes nei (Pleuronectiformes), Giant stargazer (Kathetostoma gigantum), Gurnards nei (Trigla spp), Jacks/crevalles nei (Caranx spp), John dory (Zeus faber), Lemon sole (Microstomus kitt), Ling (Molva molva), Northern cods nei (Gadus spp), Red codling (Pseudophycis bachus), Scorpionfishes/redfishes nei (Scorpaenidae), Silver warehou (Seriola punctata), marine shrimps nei	Danish seines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	South Island			
Paphies spp (Paphies spp)	Hand collection	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Australian salmon (<i>Arripis trutta</i>), Blue mackerel (<i>Scomber australasicus</i>), Bluefin gurnard (<i>Chelidonichthys kumu</i>), Flathead grey mullet (<i>Mugil cephalus</i>), Jack and horse mackerels nei (<i>Trachurus</i> spp), Jacks/crevalles nei (<i>Caranx</i> spp), John dory (<i>Zeus faber</i>), Silver seabream (<i>Pagrus auratus</i>), Spotted estuary smooth-hound (<i>Mustelus lenticulatus</i>), Spotted gurnard (<i>Pterygotrigla picta</i>), Tarakihi/jackass morwong (<i>Nemadactylus macropterus</i>), White trevally (<i>Pseudocaranx dentex</i>)	Ring nets, (Midwater)	Number of Vessels: 10, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:81 Pacific Southwest),North Island			
<i>Chlamys</i> spp (<i>Chlamys</i> spp), Flat and cupped oysters nei (<i>Ostreidae</i>), New Zealand scallop (<i>Pecten novaezelandiae</i>)	Dredges (not specified), (Bottom)	Number of Vessels: 23, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:81 Pacific Southwest),none provided			
Abalones nei (<i>Haliotis</i> spp)	Aquaculture (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Canterbury, Marlborough, Southland, Chatham Islands			
Nototodarus flying squids nei (<i>Nototodarus</i> spp)	Mechanized jig, (Surface)	Number of Vessels: 2, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:81 Pacific Southwest),West Coast North Island			
Chilean flat oyster (<i>Ostrea chilensis</i>)	Dredges (not specified), (Bottom)	Number of Vessels: 52, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:81 Pacific Southwest),South Island			
Hapuku wreckfish (<i>Polyprion oxygeneios</i>), New Zealand blue cod (<i>Parapercis colias</i>), Tarakihi/jackass morwong (<i>Nemadactylus macropterus</i>), Wreckfish (<i>Polyprion americanus</i>)	Handlines and hand-operated pole-and-lines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	South Island			
Stutchbury's venus (<i>Chione stutchburyi</i>)	Hand collection, (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: 4, Aquaculture Facilities: none provided	EEZ,(FAO:81 Pacific Southwest),North and South Islands			
Stutchbury's venus (<i>Chione stutchburyi</i>)	Dredges (not specified), (Bottom)	Number of Vessels: 3, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:81 Pacific Southwest),North and South Islands			
Clams/etc. nei (<i>Bivalvia</i>), <i>Dosinias</i> nei (<i>Dosinia</i> spp), New Zealand geoduck (<i>Panopea zelandica</i>), Pacific geoduck (<i>Panopea generosa</i>), Venus clams nei (<i>Veneridae</i>)	Dredges (not specified), (Bottom)	Number of Vessels: 1, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:81 Pacific Southwest),North and South Islands			

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Abalones nei (<i>Haliotis</i> spp), Rainbow abalone (<i>Haliotis</i> iris)	Hand collection, (Bottom)	Number of Vessels: 186, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:81 Pacific Southwest)			
Barracudas/etc. nei (<i>Sphyraenidae</i>), Common warehou (<i>Seriolella brama</i>), Elephantfishes/etc. nei (<i>Callorhynchidae</i>), Flatfishes nei (<i>Pleuronectiformes</i>), Giant stargazer (<i>Kathetostoma giganteum</i>), Gurnards nei (<i>Trigla</i> spp), Jacks/crevalles nei (<i>Caranx</i> spp), Lemon sole (<i>Microstomus kitt</i>), Red codling (<i>Pseudophycis bachus</i>), Spotted estuary smooth-hound (<i>Mustelus lenticulatus</i>), Starfishes nei (<i>Asteroidea</i>), Tope shark (<i>Galeorhinus galeus</i>), Yellowbelly flounder (<i>Rhombosolea leporina</i>)	Danish seines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	South Island			
Elephantfishes/etc. nei (<i>Callorhynchidae</i>), Flatfishes nei (<i>Pleuronectiformes</i>), Gurnards nei (<i>Trigla</i> spp)	Danish seines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	None provided			
Bluefin gurnard (<i>Chelidonichthys kumu</i>), Common warehou (<i>Seriolella brama</i>), Elephantfishes/etc. nei (<i>Callorhynchidae</i>), Flatfishes nei (<i>Pleuronectiformes</i>), Giant stargazer (<i>Kathetostoma giganteum</i>), John dory (<i>Zeus faber</i>), New Zealand sole (<i>Peltorhamphus novaezeelandiae</i>), Red codling (<i>Pseudophycis bachus</i>), Sand flounder (<i>Rhombosolea plebeia</i>), Silver seabream (<i>Pagrus auratus</i>), Snoek (<i>Thyrsites atun</i>), Southern lemon sole (<i>Pelotretis flavilatus</i>), Spotted estuary smooth-hound (<i>Mustelus lenticulatus</i>), Spotted gurnard (<i>Pterygotrigla picta</i>), Tarakihi/jackass morwong (<i>Nemadactylus macropterus</i>), White trevally (<i>Pseudocaranx dentex</i>)	Danish seines, (Bottom)	Number of Vessels: 23, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:81 Pacific Southwest),North and South Islands			
Bluefin gurnard (<i>Chelidonichthys kumu</i>), Flatfishes nei (<i>Pleuronectiformes</i>), Jacks/crevalles nei (<i>Caranx</i> spp), John dory (<i>Zeus faber</i>), Silver seabream (<i>Pagrus auratus</i>), Spotted gurnard (<i>Pterygotrigla picta</i>), Tarakihi/jackass morwong (<i>Nemadactylus macropterus</i>), White trevally (<i>Pseudocaranx dentex</i>)	Danish seines, (Bottom)	Number of Vessels: 5, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:81 Pacific Southwest),North Island			
Elephantfishes/etc. nei (<i>Callorhynchidae</i>), Flatfishes nei (<i>Pleuronectiformes</i>), Gurnards nei (<i>Trigla</i> spp), Red codling (<i>Pseudophycis bachus</i>), Soles nei (<i>Soleidae</i>), Tarakihi/jackass morwong (<i>Nemadactylus macropterus</i>)	Danish seines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	None provided			
Bluefin gurnard (<i>Chelidonichthys kumu</i>), Elephantfishes/etc. nei (<i>Callorhynchidae</i>), Flatfishes nei (<i>Pleuronectiformes</i>), Giant stargazer (<i>Kathetostoma giganteum</i>), John dory (<i>Zeus faber</i>), Red codling (<i>Pseudophycis bachus</i>), Silver seabream (<i>Pagrus auratus</i>), Spotted estuary smooth-hound (<i>Mustelus lenticulatus</i>), Spotted gurnard (<i>Pterygotrigla picta</i>), Tarakihi/jackass morwong (<i>Nemadactylus macropterus</i>), Tope shark (<i>Galeorhinus galeus</i>), White trevally (<i>Pseudocaranx dentex</i>)	Danish seines, (Bottom)	Number of Vessels: 7, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:81 Pacific Southwest),North and South Islands			
Barracudas/etc. nei (<i>Sphyraenidae</i>), Flatfishes nei (<i>Pleuronectiformes</i>), Giant stargazer (<i>Kathetostoma giganteum</i>), Gurnards nei (<i>Trigla</i> spp), Hapuku wreckfish (<i>Polyprion oxygeneios</i>), Jacks/crevalles nei (<i>Caranx</i> spp), John dory (<i>Zeus faber</i>), Ling (<i>Molva molva</i>), Red codling (<i>Pseudophycis bachus</i>), Scorpionfishes/redfishes nei (<i>Scorpaenidae</i>), Silver gemfish (<i>Rexea solandri</i>), Snappers nei (<i>Lutjanus</i> spp), Tarakihi/jackass morwong (<i>Nemadactylus macropterus</i>), Tope shark (<i>Galeorhinus galeus</i>), Warehou nei (<i>Seriolella</i> spp), Wreckfish (<i>Polyprion americanus</i>)	Danish seines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	North and South Islands			

Export Fisheries

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Alfonsinos nei (Beryx spp), Bluenose warehou (Hyperoglyphe antarctica), Hapuka (Polyprion spp), Hapuku wreckfish (Polyprion oxygeneios), Pink cusk-eel (Genypterus blacodes), Splendid alfonsino (Beryx splendens), Wreckfish (Polyprion americanus)	Trawls (not specified), (Bottom)	Number of Vessels: 5, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:81 Pacific Southwest),North and South Islands			
Alfonsinos nei (Beryx spp), Bluenose warehou (Hyperoglyphe antarctica), Hapuka (Polyprion spp), Hapuku wreckfish (Polyprion oxygeneios), Pink cusk-eel (Genypterus blacodes), Splendid alfonsino (Beryx splendens), Wreckfish (Polyprion americanus)	Longlines (not specified), (Bottom)	Number of Vessels: 60, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:81 Pacific Southwest),North and South Islands			
Australian salmon (Arripis trutta), Blue mackerel (Scomber australasicus), Flathead grey mullet (Mugil cephalus), Gurnards nei (Trigla spp), Jack and horse mackerels nei (Trachurus spp), Jacks/crevalles nei (Caranx spp), John dory (Zeus faber), Silver seabream (Pagrus auratus), Spotted estuary smooth-hound (Mustelus lenticulatus), Tarakihi/jackass morwong (Nemadactylus macropterus)	Trawls (not specified), (Demersal)	Number of Vessels: 46, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:81 Pacific Southwest),North Island	Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)) Long-nosed fur seal, New Zealand fur seal (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy))	Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)): UNKNOWN Long-nosed fur seal, New Zealand fur seal (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)): UNKNOWN	
Australian salmon (Arripis trutta), Blue mackerel (Scomber australasicus), Flathead grey mullet (Mugil cephalus), Gurnards nei (Trigla spp), Jack and horse mackerels nei (Trachurus spp), Jacks/crevalles nei (Caranx spp), John dory (Zeus faber), Silver seabream (Pagrus auratus), Spotted estuary smooth-hound (Mustelus lenticulatus), Tarakihi/jackass morwong (Nemadactylus macropterus)	Set gillnets/set nets (anchored), (Pelagic)	Number of Vessels: 36, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:81 Pacific Southwest),North Island	Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)) Long-nosed fur seal, New Zealand fur seal (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)) Sea lion unspecified (STOCK NOT SPECIFIED(RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)) Seal unspecified (STOCK NOT SPECIFIED(RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy))	Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)): UNKNOWN Long-nosed fur seal, New Zealand fur seal (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)): UNKNOWN Sea lion unspecified (STOCK NOT SPECIFIED(RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)): UNKNOWN Seal unspecified (STOCK NOT SPECIFIED(RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)): UNKNOWN	
Australian salmon (Arripis trutta), Blue mackerel (Scomber australasicus), Flathead grey mullet (Mugil cephalus), Gurnards nei (Trigla spp), Jack and horse mackerels nei (Trachurus spp), Jacks/crevalles nei (Caranx spp), John dory (Zeus faber), Silver seabream (Pagrus auratus), Spotted estuary smooth-hound (Mustelus lenticulatus), Tarakihi/jackass morwong (Nemadactylus macropterus)	Purse seines, (Pelagic)	Number of Vessels: 4, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:81 Pacific Southwest),North Island			
Australian salmon (Arripis trutta), Blue mackerel (Scomber australasicus), Jack and horse mackerels nei (Trachurus spp), Jacks/crevalles nei (Caranx spp), Snoek (Thyrsites atun)	Purse seines, (Surface)	Number of Vessels: 5, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:81 Pacific Southwest),North Island			
Albacore (Thunnus alalunga)	Trolling lines, (Demersal)	Number of Vessels: 133, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:81 Pacific Southwest),North Island	Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)) Long-nosed fur seal, New Zealand fur seal (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy))	Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)): UNKNOWN Long-nosed fur seal, New Zealand fur seal (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)): UNKNOWN	
Bigeye tuna (Thunnus obesus)	Longlines (not specified), (Surface)	Number of Vessels: 37, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:81 Pacific Southwest),East coast North Island	Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)) Long-nosed fur seal, New Zealand fur seal (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)) pilot whale unspecified (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy))	Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)): UNKNOWN Long-nosed fur seal, New Zealand fur seal (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)): UNKNOWN pilot whale unspecified (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)): UNKNOWN	

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Pacific bluefin tuna (<i>Thunnus orientalis</i>)	Longlines (not specified), (Surface)	Number of Vessels: 21, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:81 Pacific Southwest),North			
Skipjack tuna (<i>Katsuwonus pelamis</i>)	Purse seines, (Pelagic)	Number of Vessels: 12, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:81 Pacific Southwest),East coast North Island	Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy))	Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)): UNKNOWN	
Southern bluefin tuna (<i>Thunnus maccoyii</i>)	Longlines (not specified), (Surface)	Number of Vessels: 38, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:81 Pacific Southwest),East coast North Island, West coast South Island	Common bottlenose dolphin (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)) Humpback whale (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)) Long-nosed fur seal, New Zealand fur seal (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)) pilot whale unspecified (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy))	Common bottlenose dolphin (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)): UNKNOWN Humpback whale (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)): UNKNOWN Long-nosed fur seal, New Zealand fur seal (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)): UNKNOWN pilot whale unspecified (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)): UNKNOWN	
Yellowfin tuna (<i>Thunnus albacares</i>)	Longlines (not specified), (Surface)	Number of Vessels: 0, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:81 Pacific Southwest),North			
Blue grenadier (<i>Macruronus novaezelandiae</i>), Hakes nei (<i>Merluccius</i> spp), Jack and horse mackerels nei (<i>Trachurus</i> spp), Pink cusk-eel (<i>Genypterus blacodes</i>), Red codling (<i>Pseudophycis bachus</i>), Silver warehou (<i>Seriolella punctata</i>), Snoek (<i>Thyrsites atun</i>), Tarakihi/jackass morwong (<i>Nemadactylus macropterus</i>), Warehou nei (<i>Seriolella</i> spp), White warehou (<i>Seriolella caerulea</i>)	Trawls (not specified), (Demersal)	Number of Vessels: 13, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:81 Pacific Southwest),West coast North Island	Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)) Hector's dolphin (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)) Long-nosed fur seal, New Zealand fur seal (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)) Maui's dolphin, North Island Hector's dolphin (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy))	Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)): UNKNOWN Hector's dolphin (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)): UNKNOWN Long-nosed fur seal, New Zealand fur seal (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)): UNKNOWN Maui's dolphin, North Island Hector's dolphin (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)): UNKNOWN	
Blue grenadier (<i>Macruronus novaezelandiae</i>), Hakes nei (<i>Merluccius</i> spp), Jack and horse mackerels nei (<i>Trachurus</i> spp), Pink cusk-eel (<i>Genypterus blacodes</i>), Red codling (<i>Pseudophycis bachus</i>), Silver warehou (<i>Seriolella punctata</i>), Snoek (<i>Thyrsites atun</i>), Tarakihi/jackass morwong (<i>Nemadactylus macropterus</i>), Warehou nei (<i>Seriolella</i> spp), White warehou (<i>Seriolella caerulea</i>), marine shrimps nei	Trawls (not specified), (Demersal)	Number of Vessels: 61, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:81 Pacific Southwest),South Island	Long-nosed fur seal, New Zealand fur seal (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy))	Long-nosed fur seal, New Zealand fur seal (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)): UNKNOWN	
Bigeye tuna (<i>Thunnus obesus</i>), Dolphinfishes nei (<i>Coryphaenidae</i>), Swordfish (<i>Xiphias gladius</i>), Tunas nei (<i>Thunnini</i>), Yellowfin tuna (<i>Thunnus albacares</i>)	Longlines (not specified), (Surface)	Number of Vessels: 1, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,Tonga,(FAO:81 Pacific Southwest),Tonga EEZ			WCPFC
Patagonian toothfish (<i>Dissostichus eleginoides</i>)	Set longlines, (Bottom)	Number of Vessels: 2, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	High Seas,(FAO:48 Atlantic Antarctic),Subarea 48.3 (South Georgia Is.)- 48.4	Antarctic fur seal (STOCK NOT SPECIFIED) Killer whale, orca (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)) Southern elephant seal (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy))	Antarctic fur seal (STOCK NOT SPECIFIED): UNKNOWN Killer whale, orca (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)): UNKNOWN Southern elephant seal (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)): UNKNOWN	CCAMLR

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Antarctic toothfish (<i>Dissostichus mawsoni</i>)	Set longlines, (Bottom)	Number of Vessels: 3, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	High Seas,(FAO:88 Pacific Antarctic),Subarea 88.1-2	Crabeater seal (STOCK NOT SPECIFIED) Killer whale, orca (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)) Leopard seal (STOCK NOT SPECIFIED)	Crabeater seal (STOCK NOT SPECIFIED): UNKNOWN Killer whale, orca (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)): UNKNOWN Leopard seal (STOCK NOT SPECIFIED): UNKNOWN	CCAMLR
Blue grenadier (<i>Macruronus novaezelandiae</i>), Cape bonnetmouth (<i>Emmelichthys nitidus</i>), Common warehou (<i>Seriolella brama</i>), Dogfishes nei (<i>Squalus</i> spp), Elephantfishes/etc. nei (<i>Callorhynchidae</i>), Flatfishes nei (<i>Pleuronectiformes</i>), Gurnards nei (<i>Trigla</i> spp), Jack and horse mackerels nei (<i>Trachurus</i> spp), Jacks/crevalles nei (<i>Caranx</i> spp), John dory (<i>Zeus faber</i>), Pink cusk-eel (<i>Genypterus blacodes</i>), Red codling (<i>Pseudophycis bachus</i>), Scorpionfishes/redfishes nei (<i>Scorpaenidae</i>), Silver seabream (<i>Pagrus auratus</i>), Snoek (<i>Thyrsites atun</i>), Spotted estuary smooth-hound (<i>Mustelus lenticulatus</i>), Tarakihi/jackass morwong (<i>Nemadactylus macropterus</i>), Tope shark (<i>Galeorhinus galeus</i>)	Trawls (not specified), (Demersal)	Number of Vessels: 106, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:81 Pacific Southwest),South Island	Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)) Dusky dolphin (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)) Long-nosed fur seal, New Zealand fur seal (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy))	Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)): 27 Dusky dolphin (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)): UNKNOWN Long-nosed fur seal, New Zealand fur seal (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)): 6	
Australian salmon (<i>Arripis trutta</i>), Blue mackerel (<i>Scomber australasicus</i>), Jack and horse mackerels nei (<i>Trachurus</i> spp), Jacks/crevalles nei (<i>Caranx</i> spp), Snoek (<i>Thyrsites atun</i>)	Trawls (not specified), (Demersal)	Number of Vessels: 2, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:81 Pacific Southwest),west coast, South Island			
Hapuku wreckfish (<i>Polyprion oxygeneios</i>), New Zealand blue cod (<i>Parapercis colias</i>), Tarakihi/jackass morwong (<i>Nemadactylus macropterus</i>), Wreckfish (<i>Polyprion americanus</i>)	Pots/traps, (Demersal)	Number of Vessels: 267, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:81 Pacific Southwest),South Island			
Hapuku wreckfish (<i>Polyprion oxygeneios</i>), New Zealand blue cod (<i>Parapercis colias</i>), Tarakihi/jackass morwong (<i>Nemadactylus macropterus</i>), Wreckfish (<i>Polyprion americanus</i>)	Trawls (not specified), (Demersal)	Number of Vessels: 5, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:81 Pacific Southwest),South Island			
Hapuku wreckfish (<i>Polyprion oxygeneios</i>), New Zealand blue cod (<i>Parapercis colias</i>), Tarakihi/jackass morwong (<i>Nemadactylus macropterus</i>), Wreckfish (<i>Polyprion americanus</i>)	Longlines (not specified), (Bottom)	Number of Vessels: 2, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:81 Pacific Southwest),South Island			
Common warehou (<i>Seriolella brama</i>), Elephantfishes/etc. nei (<i>Callorhynchidae</i>), Flatfishes nei (<i>Pleuronectiformes</i>), Giant stargazer (<i>Kathetostoma giganteum</i>), Gurnards nei (<i>Trigla</i> spp), Jacks/crevalles nei (<i>Caranx</i> spp), John dory (<i>Zeus faber</i>), New Zealand lobster (<i>Metanephrops challengeri</i>), Northern cods nei (<i>Gadus</i> spp), Pink cusk-eel (<i>Genypterus blacodes</i>), Red codling (<i>Pseudophycis bachus</i>), Scorpionfishes/redfishes nei (<i>Scorpaenidae</i>), Silver warehou (<i>Seriolella punctata</i>), Snoek (<i>Thyrsites atun</i>), Southern lemon sole (<i>Pelotretis flavilatus</i>)	Trawls (not specified), (Demersal)	Number of Vessels: 56, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:81 Pacific Southwest),east coast, South Island	Long-nosed fur seal, New Zealand fur seal (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy))	Long-nosed fur seal, New Zealand fur seal (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)): 15	
Common warehou (<i>Seriolella brama</i>), Elephantfishes/etc. nei (<i>Callorhynchidae</i>), Flatfishes nei (<i>Pleuronectiformes</i>), Giant stargazer (<i>Kathetostoma giganteum</i>), Gurnards nei (<i>Trigla</i> spp), Jacks/crevalles nei (<i>Caranx</i> spp), John dory (<i>Zeus faber</i>), New Zealand lobster (<i>Metanephrops challengeri</i>), Northern cods nei (<i>Gadus</i> spp), Pink cusk-eel (<i>Genypterus blacodes</i>), Red codling (<i>Pseudophycis bachus</i>), Scorpionfishes/redfishes nei (<i>Scorpaenidae</i>), Silver warehou (<i>Seriolella punctata</i>), Snoek (<i>Thyrsites atun</i>), Southern lemon sole (<i>Pelotretis flavilatus</i>)	Set gillnets/set nets (anchored), (Pelagic)	Number of Vessels: 1, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:81 Pacific Southwest),South Island			
King crab (<i>Lithodes rostrata</i>), Marine crustaceans nei (<i>Crustacea</i>), New Zealand Paddle crab (<i>Ovalipes catharus</i>), New Zealand lobster (<i>Metanephrops challengeri</i>), Portunus haanii (<i>Portunus haanii</i>), Southern spider crab (<i>Jacquintia edwardsii</i>)	Trawls (not specified), (Demersal)	Number of Vessels: 30, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:81 Pacific Southwest),NZ EEZ N&E of North Island, Chatham Rise, Auckland Islands	Long-nosed fur seal, New Zealand fur seal (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)) New Zealand sea lion, Hooker's sea lion (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy))	Long-nosed fur seal, New Zealand fur seal (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)): 0 New Zealand sea lion, Hooker's sea lion (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)): 0	

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
King crab (<i>Lithodes ferox</i>), Marine crustaceans nei (<i>Crustacea</i>), New Zealand Paddle crab (<i>Ovalipes catharus</i>), New Zealand lobster (<i>Metanephrops challengeri</i>), Southern spider crab (<i>Jacquintia edwardsii</i>)	Pots/traps, (Bottom)	Number of Vessels: 31, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:81 Pacific Southwest),None provided			
Common warehou (<i>Seriolella brama</i>), Elephantfishes/etc. nei (<i>Callorhinchidae</i>), Flatfishes nei (<i>Pleuronectiformes</i>), Giant stargazer (<i>Kathetostoma giganteum</i>), Gurnards nei (<i>Trigla</i> spp), Jacks/crevalles nei (<i>Caranx</i> spp), Red codling (<i>Pseudophycis bachus</i>), Snoek (<i>Thyrsites atun</i>), Southern lemon sole (<i>Pelotretis flavilatus</i>), Spotted estuary smooth-hound (<i>Mustelus lenticulatus</i>), Starfishes nei (<i>Asteroidea</i>), Tope shark (<i>Galeorhinus galeus</i>), Yellowbelly flounder (<i>Rhombosolea leporina</i>)	Set gillnets/set nets (anchored), (Pelagic)	Number of Vessels: 8, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:81 Pacific Southwest),South Island	Hector's dolphin (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy))	Hector's dolphin (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)): UNKNOWN	
Common warehou (<i>Seriolella brama</i>), Elephantfishes/etc. nei (<i>Callorhinchidae</i>), Flatfishes nei (<i>Pleuronectiformes</i>), Giant stargazer (<i>Kathetostoma giganteum</i>), Gurnards nei (<i>Trigla</i> spp), Jacks/crevalles nei (<i>Caranx</i> spp), Red codling (<i>Pseudophycis bachus</i>), Snoek (<i>Thyrsites atun</i>), Southern lemon sole (<i>Pelotretis flavilatus</i>), Spotted estuary smooth-hound (<i>Mustelus lenticulatus</i>), Starfishes nei (<i>Asteroidea</i>), Tope shark (<i>Galeorhinus galeus</i>), Yellowbelly flounder (<i>Rhombosolea leporina</i>)	Trawls (not specified), (Demersal)	Number of Vessels: 43, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:81 Pacific Southwest),East coast South Island	Hector's dolphin (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy))	Hector's dolphin (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)): 32.3	
Elephantfishes/etc. nei (<i>Callorhinchidae</i>), Flatfishes nei (<i>Pleuronectiformes</i>), Gurnards nei (<i>Trigla</i> spp)	Set gillnets/set nets (anchored), (Pelagic)	Number of Vessels: 287, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:81 Pacific Southwest),None provided			
Elephantfishes/etc. nei (<i>Callorhinchidae</i>), Flatfishes nei (<i>Pleuronectiformes</i>), Gurnards nei (<i>Trigla</i> spp)	Trawls (not specified), (Demersal)	Number of Vessels: 129, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:81 Pacific Southwest),North and South Islands	Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)) Long-nosed fur seal, New Zealand fur seal (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)) Sea lion unspecified (STOCK NOT SPECIFIED(RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)) Seal unspecified (STOCK NOT SPECIFIED(RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy))	Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)): 3 Long-nosed fur seal, New Zealand fur seal (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)): 6 Sea lion unspecified (STOCK NOT SPECIFIED(RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)): UNKNOWN Seal unspecified (STOCK NOT SPECIFIED(RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)): UNKNOWN	
Elephantfishes/etc. nei (<i>Callorhinchidae</i>), Flatfishes nei (<i>Pleuronectiformes</i>), Gurnards nei (<i>Trigla</i> spp)	Trawls (not specified), (Demersal)	Number of Vessels: Incl in flatfish, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:81 Pacific Southwest),North and South Islands			
Elephantfishes/etc. nei (<i>Callorhinchidae</i>), Flatfishes nei (<i>Pleuronectiformes</i>), Gurnards nei (<i>Trigla</i> spp)	Set gillnets/set nets (anchored), (Pelagic)	Number of Vessels: Incl in flatfish, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:81 Pacific Southwest),North and South Islands			
Blue grenadier (<i>Macruronus novaezelandiae</i>), Common warehou (<i>Seriolella brama</i>), Ghost shark (<i>Callorhinchus milii</i>), Giant stargazer (<i>Kathetostoma giganteum</i>), New Zealand lobster (<i>Metanephrops challengeri</i>), Pink cusk-eel (<i>Genypterus blacodes</i>), Red codling (<i>Pseudophycis bachus</i>), Silver warehou (<i>Seriolella punctata</i>), Snoek (<i>Thyrsites atun</i>), Tarakihi/jackass morwong (<i>Nemadactylus macropterus</i>)	Trawls (not specified), (Demersal)	Number of Vessels: 8, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:81 Pacific Southwest),South Island			

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Hapuku wreckfish (<i>Polyprion oxygeneios</i>), Hapuku wreckfish (<i>Polyprion oxygeneios</i>), Wreckfish (<i>Polyprion americanus</i>)	Set gillnets/set nets (anchored), (Pelagic)	Number of Vessels: 13, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:81 Pacific Southwest),East coast South Island	Humpback whale (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)) Long-nosed fur seal, New Zealand fur seal (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy))	Humpback whale (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)): 0 Long-nosed fur seal, New Zealand fur seal (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)): UNKNOWN	
Hapuku wreckfish (<i>Polyprion oxygeneios</i>), Wreckfish (<i>Polyprion americanus</i>)	Longlines (not specified), (Bottom)	Number of Vessels: 72, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:81 Pacific Southwest),NZ EEZ (except Sub-Antarctic)			
Hapuku wreckfish (<i>Polyprion oxygeneios</i>), Wreckfish (<i>Polyprion americanus</i>)	Trawls (not specified), (Demersal)	Number of Vessels: 12, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:81 Pacific Southwest),South Island	Long-nosed fur seal, New Zealand fur seal (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy))	Long-nosed fur seal, New Zealand fur seal (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)): 0	
Common warehou (<i>Seriolella brama</i>), Elephantfishes/etc. nei (<i>Callorhinchidae</i>), Flatfishes nei (<i>Pleuronectiformes</i>), Giant stargazer (<i>Kathetostoma giganteum</i>), Gurnards nei (<i>Trigla</i> spp), Jacks/crevalles nei (<i>Caranx</i> spp), John dory (<i>Zeus faber</i>), New Zealand sole (<i>Peltorhamphus novaezeelandiae</i>), Red codling (<i>Pseudophycis bachus</i>), Sand flounder (<i>Rhombosolea plebeia</i>), Silver seabream (<i>Pagrus auratus</i>), Snoek (<i>Thyrsites atun</i>), Southern lemon sole (<i>Pelotretis flavilatus</i>), Spotted estuary smooth-hound (<i>Mustelus lenticulatus</i>), Tarakihi/jackass morwong (<i>Nemadactylus macropterus</i>)	Trawls (not specified), (Demersal)	Number of Vessels: 128, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:81 Pacific Southwest),North and South Islands	Common bottlenose dolphin (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)) Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)) Long-nosed fur seal, New Zealand fur seal (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy))	Common bottlenose dolphin (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)): 0 Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)): 0 Long-nosed fur seal, New Zealand fur seal (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)): 0	
Common warehou (<i>Seriolella brama</i>), Elephantfishes/etc. nei (<i>Callorhinchidae</i>), Flatfishes nei (<i>Pleuronectiformes</i>), Giant stargazer (<i>Kathetostoma giganteum</i>), Gurnards nei (<i>Trigla</i> spp), Jacks/crevalles nei (<i>Caranx</i> spp), John dory (<i>Zeus faber</i>), New Zealand sole (<i>Peltorhamphus novaezeelandiae</i>), Red codling (<i>Pseudophycis bachus</i>), Sand flounder (<i>Rhombosolea plebeia</i>), Silver seabream (<i>Pagrus auratus</i>), Snoek (<i>Thyrsites atun</i>), Southern lemon sole (<i>Pelotretis flavilatus</i>), Spotted estuary smooth-hound (<i>Mustelus lenticulatus</i>), Tarakihi/jackass morwong (<i>Nemadactylus macropterus</i>)	Set gillnets/set nets (anchored), (Pelagic)	Number of Vessels: 5, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:81 Pacific Southwest),North Island			
Blue grenadier (<i>Macruronus novaezeelandiae</i>), Pink cusk-eel (<i>Genypterus blacodes</i>), Southern hake (<i>Merluccius australis</i>), White warehou (<i>Seriolella caerulea</i>)	Longlines (not specified), (Bottom)	Number of Vessels: 0, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:81 Pacific Southwest),None provided			
Blue grenadier (<i>Macruronus novaezeelandiae</i>), Pink cusk-eel (<i>Genypterus blacodes</i>), Southern hake (<i>Merluccius australis</i>), White warehou (<i>Seriolella caerulea</i>)	Trawls (not specified), (Demersal)	Number of Vessels: 20, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:81 Pacific Southwest),West coast South Island, Sub-Antarctic, Chatham Rise	Long-nosed fur seal, New Zealand fur seal (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy))	Long-nosed fur seal, New Zealand fur seal (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)): 0	
Blue grenadier (<i>Macruronus novaezeelandiae</i>), Cape bonnetmouth (<i>Emmelichthys nitidus</i>), King dory (<i>Cyttus traversi</i>), New Zealand lobster (<i>Metanephrops challengeri</i>), Orange roughy (<i>Hoplostethus atlanticus</i>), Pink cusk-eel (<i>Genypterus blacodes</i>), Red codling (<i>Pseudophycis bachus</i>), Silver gemfish (<i>Rexea solandri</i>), Silver warehou (<i>Seriolella punctata</i>), Snoek (<i>Thyrsites atun</i>), Southern hake (<i>Merluccius australis</i>), Splendid alfonsino (<i>Beryx splendens</i>), Tarakihi/jackass morwong (<i>Nemadactylus macropterus</i>), White warehou (<i>Seriolella caerulea</i>)	Trawls (not specified), (Demersal)	Number of Vessels: 161, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:81 Pacific Southwest),Cook Strait, Chatham Rise, Sub-Antarctic, West Coast South Island	Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)) Dusky dolphin (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)) Long-nosed fur seal, New Zealand fur seal (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)) New Zealand sea lion, Hooker's sea lion (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy))	Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)): UNKNOWN Dusky dolphin (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)): 0 Long-nosed fur seal, New Zealand fur seal (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)): UNKNOWN New Zealand sea lion, Hooker's sea lion (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)): 0	

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Australian salmon (<i>Arripis trutta</i>), Blue grenadier (<i>Macruronus novaezelandiae</i>), Blue mackerel (<i>Scomber australasicus</i>), Gurnards nei (<i>Trigla</i> spp), Jack and horse mackerels nei (<i>Trachurus</i> spp), Pilchards nei (<i>Sardinops</i> spp), Red bait (<i>Pyura stolonifera</i>), Red codling (<i>Pseudophycis bachus</i>), Silver gemfish (<i>Rexea solandri</i>), Silver warehou (<i>Seriolella punctata</i>), Snoek (<i>Thyrsites atun</i>), Tarakihi/jackass morwong (<i>Nemadactylus macropterus</i>), Warehou nei (<i>Seriolella</i> spp)	Trawls (not specified), (Demersal)	Number of Vessels: 45, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:81 Pacific Southwest),West coast South Island	Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)) Long-nosed fur seal, New Zealand fur seal (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)) pilot whale unspecified (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy))	Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)): 27 Long-nosed fur seal, New Zealand fur seal (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)): UNKNOWN pilot whale unspecified (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)): UNKNOWN	
Australian salmon (<i>Arripis trutta</i>), Blue grenadier (<i>Macruronus novaezelandiae</i>), Blue mackerel (<i>Scomber australasicus</i>), Gurnards nei (<i>Trigla</i> spp), Jack and horse mackerels nei (<i>Trachurus</i> spp), Pilchards nei (<i>Sardinops</i> spp), Red bait (<i>Pyura stolonifera</i>), Red codling (<i>Pseudophycis bachus</i>), Silver gemfish (<i>Rexea solandri</i>), Silver warehou (<i>Seriolella punctata</i>), Snoek (<i>Thyrsites atun</i>), Tarakihi/jackass morwong (<i>Nemadactylus macropterus</i>), Warehou nei (<i>Seriolella</i> spp)	Purse seines, (Pelagic)	Number of Vessels: 7, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:81 Pacific Southwest),North Island	Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy))	Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)): 0	
Flatfishes nei (<i>Pleuronectiformes</i>), Gurnards nei (<i>Trigla</i> spp), Jacks/crevalles nei (<i>Caranx</i> spp), John dory (<i>Zeus faber</i>), Silver seabream (<i>Pagrus auratus</i>), Tarakihi/jackass morwong (<i>Nemadactylus macropterus</i>)	Trawls (not specified), (Demersal)	Number of Vessels: 45, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:81 Pacific Southwest),North Island	Common bottlenose dolphin (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)) Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy))	Common bottlenose dolphin (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)): 0 Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)): 0	
Jack and horse mackerels nei (<i>Trachurus</i> spp), Jacks/crevalles nei (<i>Caranx</i> spp), Silver seabream (<i>Pagrus auratus</i>), Tarakihi/jackass morwong (<i>Nemadactylus macropterus</i>), White trevally (<i>Pseudocaranx dentex</i>), Yellowtail amberjack (<i>Seriola lalandi</i>)	Trawls (not specified), (Demersal)	Number of Vessels: 0, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:81 Pacific Southwest),None provided			
Jack and horse mackerels nei (<i>Trachurus</i> spp), Jacks/crevalles nei (<i>Caranx</i> spp), Silver seabream (<i>Pagrus auratus</i>), Tarakihi/jackass morwong (<i>Nemadactylus macropterus</i>), White trevally (<i>Pseudocaranx dentex</i>), Yellowtail amberjack (<i>Seriola lalandi</i>)	Longlines (not specified), (Bottom)	Number of Vessels: 1, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:81 Pacific Southwest),None provided			
Flatfishes nei (<i>Pleuronectiformes</i>), Gurnards nei (<i>Trigla</i> spp), Southern lemon sole (<i>Pelotretis flavilatus</i>), Tarakihi/jackass morwong (<i>Nemadactylus macropterus</i>)	Trawls (not specified), (Demersal)	Number of Vessels: Incl in flatfish, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:81 Pacific Southwest),None provided			
Blue grenadier (<i>Macruronus novaezelandiae</i>), Bluenose warehou (<i>Hyperoglyphe antarctica</i>), Flatfishes nei (<i>Pleuronectiformes</i>), Giant stargazer (<i>Kathetostoma giganteum</i>), Giant stargazer (<i>Kathetostoma giganteum</i>), Hakes nei (<i>Merluccius</i> spp), Hapuku wreckfish (<i>Polyprion oxygeneios</i>), King dory (<i>Cyttus traversi</i>), Pink cusk-eel (<i>Genypterus blacodes</i>), Red codling (<i>Pseudophycis bachus</i>), Silver gemfish (<i>Rexea solandri</i>), Silver warehou (<i>Seriolella punctata</i>), Snoek (<i>Thyrsites atun</i>), Southern blue whiting (<i>Micromesistius australis</i>), Tarakihi/jackass morwong (<i>Nemadactylus macropterus</i>), Warehou nei (<i>Seriolella</i> spp), White warehou (<i>Seriolella caerulea</i>), Wreckfish (<i>Polyprion americanus</i>)	Trawls (not specified), (Demersal)	Number of Vessels: 76, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:81 Pacific Southwest),West coast South Island, Sub-Antarctic	Long-nosed fur seal, New Zealand fur seal (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy))	Long-nosed fur seal, New Zealand fur seal (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)): 41	
Blue grenadier (<i>Macruronus novaezelandiae</i>), Bluenose warehou (<i>Hyperoglyphe antarctica</i>), Flatfishes nei (<i>Pleuronectiformes</i>), Giant stargazer (<i>Kathetostoma giganteum</i>), Hakes nei (<i>Merluccius</i> spp), Hapuku wreckfish (<i>Polyprion oxygeneios</i>), King dory (<i>Cyttus traversi</i>), New Zealand lobster (<i>Metanephrops challengerii</i>), Pink cusk-eel (<i>Genypterus blacodes</i>), Red codling (<i>Pseudophycis bachus</i>), Silver gemfish (<i>Rexea solandri</i>), Silver warehou (<i>Seriolella punctata</i>), Snoek (<i>Thyrsites atun</i>), Southern blue whiting (<i>Micromesistius australis</i>), Tarakihi/jackass morwong (<i>Nemadactylus macropterus</i>), Warehou nei (<i>Seriolella</i> spp), White warehou (<i>Seriolella caerulea</i>), Wreckfish (<i>Polyprion americanus</i>)	Longlines (not specified), (Bottom)	Number of Vessels: 84, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:81 Pacific Southwest),East North Island, west coast South Island, Chatham Rise			

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Blue moki (<i>Latridopsis ciliaris</i>), Flatfishes nei (<i>Pleuronectiformes</i>), Gurnards nei (<i>Trigla</i> spp), Hapuku wreckfish (<i>Polyprion oxygeneios</i>), Spotted estuary smooth-hound (<i>Mustelus lenticulatus</i>), Tarakihi/jackass morwong (<i>Nemadactylus macropterus</i>), Tope shark (<i>Galeorhinus galeus</i>), Warehou nei (<i>Seriolaella</i> spp)	Set gillnets/set nets (anchored), (Pelagic)	Number of Vessels: 19, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:81 Pacific Southwest),South Island	Dusky dolphin (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)) Long-nosed fur seal, New Zealand fur seal (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy))	Dusky dolphin (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)): 0 Long-nosed fur seal, New Zealand fur seal (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)): 0	
Blue moki (<i>Latridopsis ciliaris</i>), Flatfishes nei (<i>Pleuronectiformes</i>), Gurnards nei (<i>Trigla</i> spp), Hapuku wreckfish (<i>Polyprion oxygeneios</i>), Spotted estuary smooth-hound (<i>Mustelus lenticulatus</i>), Tarakihi/jackass morwong (<i>Nemadactylus macropterus</i>), Tope shark (<i>Galeorhinus galeus</i>), Warehou nei (<i>Seriolaella</i> spp)	Trawls (not specified), (Demersal)	Number of Vessels: 17, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:81 Pacific Southwest),South Island	Long-nosed fur seal, New Zealand fur seal (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy))	Long-nosed fur seal, New Zealand fur seal (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)): 42	
Flatfishes nei (<i>Pleuronectiformes</i>), Giant stargazer (<i>Kathetostoma giganteum</i>), Gurnards nei (<i>Trigla</i> spp), Tarakihi/jackass morwong (<i>Nemadactylus macropterus</i>)	Trawls (not specified), (Demersal)	Number of Vessels: 50, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:81 Pacific Southwest),South Island			
Australian salmon (<i>Arripis trutta</i>), Flathead grey mullet (<i>Mugil cephalus</i>), Mulletts nei (<i>Mugilidae</i>)	Driftnets, (Midwater)	Number of Vessels: 5, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:81 Pacific Southwest),North Island, inshore			
Australian salmon (<i>Arripis trutta</i>), Flathead grey mullet (<i>Mugil cephalus</i>), Mulletts nei (<i>Mugilidae</i>)	Set gillnets/set nets (anchored), (Pelagic)	Number of Vessels: 136, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:81 Pacific Southwest),North Island			
Marine crustaceans nei (<i>Crustacea</i>), Sea mussels nei (<i>Mytilidae</i>)	Aquaculture (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Auckland, Bay of Plenty, Canterbury, Hawkes Bay, Marlborough, Northland, Southland, Tasman, Waikato, Wellington, Waikato, Westland	Bryde's whale (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)) Humpback whale (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy))	Bryde's whale (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)): 0 Humpback whale (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)): 0	
Black cardinal fish (<i>Epigonus telescopus</i>), Blue grenadier (<i>Macruronus novaezelandiae</i>), Orange roughy (<i>Hoplostethus atlanticus</i>), Smooth oreo dory (<i>Pseudocyttus maculatus</i>)	Trawls (not specified), (Demersal)	Number of Vessels: 16, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:81 Pacific Southwest),NZ EEZ	Long-nosed fur seal, New Zealand fur seal (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy))	Long-nosed fur seal, New Zealand fur seal (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)): 1	
Blue grenadier (<i>Macruronus novaezelandiae</i>), Orange roughy (<i>Hoplostethus atlanticus</i>), Oreo dories nei (<i>Oreosomatidae</i>), Smooth oreo dory (<i>Pseudocyttus maculatus</i>)	Trawls (not specified), (Demersal)	Number of Vessels: 9, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:81 Pacific Southwest),South Island			
Black oreo (<i>Alloctytus niger</i>), Blue grenadier (<i>Macruronus novaezelandiae</i>), Orange roughy (<i>Hoplostethus atlanticus</i>), Oreo dories nei (<i>Oreosomatidae</i>), Smooth oreo dory (<i>Pseudocyttus maculatus</i>)	Trawls (not specified), (Demersal)	Number of Vessels: 11, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:81 Pacific Southwest),South Island			

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Flat and cupped oysters nei (Ostreidae)	Aquaculture (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Auckland, Bay of Plenty, Marlborough, Northland, Southland, Waikato	Common bottlenose dolphin (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy))	Common bottlenose dolphin (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)): 0	
Flatfishes nei (Pleuronectiformes), Gurnards nei (Trigla spp), Rays and skates nei (Rajidae), Red codling (Pseudophycis bachus), Tarakihi/jackass morwong (Nemadactylus macropterus)	Trawls (not specified), (Demersal)	Number of Vessels: 8, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:81 Pacific Southwest),None provided			
Flatfishes nei (Pleuronectiformes), Gurnards nei (Trigla spp), Rays and skates nei (Rajidae), Red codling (Pseudophycis bachus), Tarakihi/jackass morwong (Nemadactylus macropterus)	Longlines (not specified), (Surface)	Number of Vessels: 0, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:81 Pacific Southwest),None provided			
Rock lobsters nei (Jasus spp)	Pots/traps, (Bottom)	Number of Vessels: 61, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:81 Pacific Southwest),North and South Islands	Humpback whale (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)) Killer whale, orca (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy))	Humpback whale (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)): 0 Killer whale, orca (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)): 0	
Salmonids nei (Salmonidae)	Aquaculture (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Canterbury, Marlborough, Southland	Common bottlenose dolphin (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)) Dusky dolphin (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)) Hector's dolphin (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)) Long-nosed fur seal, New Zealand fur seal (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy))	Common bottlenose dolphin (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)): 0 Dusky dolphin (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)): 0 Hector's dolphin (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)): 0 Long-nosed fur seal, New Zealand fur seal (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)): 10	
Blue grenadier (Macruronus novaezelandiae), New Zealand lobster (Metanephrops challenger), Pink cusk-eel (Genypterus blacodes), Red codling (Pseudophycis bachus), Scorpionfishes/redfishes nei (Scorpaenidae), Silver warehou (Seriolella punctata), Snoek (Thyrsites atun), Tarakihi/jackass morwong (Nemadactylus macropterus), White warehou (Seriolella caerulea)	Trawls (not specified), (Demersal)	Number of Vessels: 15, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:81 Pacific Southwest),South Island			
Echinoderms (Echinodermata), Giant red shrimp (Aristaeomorpha foliacea), New Zealand lobster (Metanephrops challenger), Sabre prawn (Campylonotus rathbunae)	Trawls (not specified), (Demersal)	Number of Vessels: 4, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:81 Pacific Southwest)			
Flatfishes nei (Pleuronectiformes), Gurnards nei (Trigla spp), Jacks/crevalles nei (Caranx spp), John dory (Zeus faber), Silver seabream (Pagrus auratus), Snoek (Thyrsites atun), Spotted estuary smooth-hound (Mustelus lenticulatus), Tarakihi/jackass morwong (Nemadactylus macropterus), Tope shark (Galeorhinus galeus), Warehou nei (Seriolella spp)	Trawls (not specified), (Demersal)	Number of Vessels: 59, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:81 Pacific Southwest),North and South Islands	Common bottlenose dolphin (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)) Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)) Long-nosed fur seal, New Zealand fur seal (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy))	Common bottlenose dolphin (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)): 0 Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)): 0 Long-nosed fur seal, New Zealand fur seal (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)): 0	

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates
Flatfishes nei (Pleuronectiformes), Gurnards nei (Trigla spp), Jacks/crevalles nei (Caranx spp), John dory (Zeus faber), Silver seabream (Pagrus auratus), Snoek (Thyrsites atun), Spotted estuary smooth-hound (Mustelus lenticulatus), Tarakihi/jackass morwong (Nemadactylus macropterus), Tope shark (Galeorhinus galeus), Warehou nei (Serirolella spp)	Longlines (not specified), (Bottom)	Number of Vessels: 51, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:81 Pacific Southwest),North Island	Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)) Sea lion unspecified (STOCK NOT SPECIFIED(RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)) Seal unspecified (STOCK NOT SPECIFIED(RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy))	Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)): 3 Sea lion unspecified (STOCK NOT SPECIFIED(RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)): 6 Seal unspecified (STOCK NOT SPECIFIED(RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)): 6
Elephantfishes/etc. nei (Callorhynchidae), Flatfishes nei (Pleuronectiformes), Gurnards nei (Trigla spp), New Zealand sole (Peltorhamphus novaezeelandiae), Red codling (Pseudophycis bachus), Tarakihi/jackass morwong (Nemadactylus macropterus)	Trawls (not specified), (Demersal)	Number of Vessels: Incl in flatfish, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:81 Pacific Southwest),None provided		
Elephantfishes/etc. nei (Callorhynchidae), Flatfishes nei (Pleuronectiformes), Giant stargazer (Kathetostoma giganteum), Gurnards nei (Trigla spp), Jacks/crevalles nei (Caranx spp), John dory (Zeus faber), Red codling (Pseudophycis bachus), Silver seabream (Pagrus auratus), Spotted estuary smooth-hound (Mustelus lenticulatus), Tarakihi/jackass morwong (Nemadactylus macropterus), Tope shark (Galeorhinus galeus)	Trawls (not specified), (Demersal)	Number of Vessels: 25, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:81 Pacific Southwest),North and South Islands		
Elephantfishes/etc. nei (Callorhynchidae), Flatfishes nei (Pleuronectiformes), Giant stargazer (Kathetostoma giganteum), Gurnards nei (Trigla spp), Jacks/crevalles nei (Caranx spp), John dory (Zeus faber), Red codling (Pseudophycis bachus), Silver seabream (Pagrus auratus), Spotted estuary smooth-hound (Mustelus lenticulatus), Tarakihi/jackass morwong (Nemadactylus macropterus), Tope shark (Galeorhinus galeus)	Set gillnets/set nets (anchored), (Pelagic)	Number of Vessels: 133, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:81 Pacific Southwest),North and South Islands	Baleen whale unspecified (STOCK NOT SPECIFIED) Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)) Dusky dolphin (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)) Hector's dolphin (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)) Long-nosed fur seal, New Zealand fur seal (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)) Maui's dolphin, North Island Hector's dolphin (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy))	Baleen whale unspecified (STOCK NOT SPECIFIED): UNKNOWN Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)): 0 Dusky dolphin (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)): 0 Hector's dolphin (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)): 0 Long-nosed fur seal, New Zealand fur seal (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)): 0 Maui's dolphin, North Island Hector's dolphin (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)): 0
Blue grenadier (Macruronus novaezelandiae), Hakes nei (Merluccius spp), Jack and horse mackerels nei (Trachurus spp), New Zealand lobster (Metanephrops challengeri), Pink cusk-eel (Genypterus blacodes), Red codling (Pseudophycis bachus), Silver warehou (Serirolella punctata), Snoek (Thyrsites atun), Tarakihi/jackass morwong (Nemadactylus macropterus), Wellington flying squid (Nototodarus sloanii), White warehou (Serirolella caerulea)	Trawls (not specified), (Demersal)	Number of Vessels: 74, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:81 Pacific Southwest),Sub-Antarctic	Long-nosed fur seal, New Zealand fur seal (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)) New Zealand sea lion, Hooker's sea lion (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy))	Long-nosed fur seal, New Zealand fur seal (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)): 0 New Zealand sea lion, Hooker's sea lion (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)): 0

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Bigeye tuna (<i>Thunnus obesus</i>), Southern bluefin tuna (<i>Thunnus maccoyii</i>), Swordfish (<i>Xiphias gladius</i>)	Longlines (not specified), (Surface)	Number of Vessels: 31, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:81 Pacific Southwest),North Island, west coast South Island	Common bottlenose dolphin (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)) Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)) Common minke whale (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)) Long-nosed fur seal, New Zealand fur seal (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)) Sea lion unspecified (STOCK NOT SPECIFIED(RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)) Seal unspecified (STOCK NOT SPECIFIED(RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy))	Common bottlenose dolphin (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)): 0 Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)): 0 Common minke whale (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)): 0 Long-nosed fur seal, New Zealand fur seal (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)): 15 Sea lion unspecified (STOCK NOT SPECIFIED(RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)): 0 Seal unspecified (STOCK NOT SPECIFIED(RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)): UNKNOWN	
Flatfishes nei (<i>Pleuronectiformes</i>), Giant stargazer (<i>Kathetostoma giganteum</i>), Gurnards nei (<i>Trigla</i> spp), Hapuku wreckfish (<i>Polyprion oxygeneios</i>), Jacks/crevalles nei (<i>Caranx</i> spp), John dory (<i>Zeus faber</i>), Pink cusk-eel (<i>Genypterus blacodes</i>), Red codling (<i>Pseudophycis bachus</i>), Scorpionfishes/redfishes nei (<i>Scorpaenidae</i>), Silver gemfish (<i>Rexea solandri</i>), Silver seabream (<i>Pagrus auratus</i>), Snoek (<i>Thyrsites atun</i>), Tarakihi/jackass morwong (<i>Nemadactylus macropterus</i>), Tope shark (<i>Galeorhinus galeus</i>), Warehou nei (<i>Seriolella</i> spp), Wreckfish (<i>Polyprion americanus</i>)	Trawls (not specified), (Demersal)	Number of Vessels: 142, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:81 Pacific Southwest),North and South Islands	Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)) Leopard seal (STOCK NOT SPECIFIED) Long-nosed fur seal, New Zealand fur seal (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)) Sea lion unspecified (STOCK NOT SPECIFIED(RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)) Seal unspecified (STOCK NOT SPECIFIED(RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy))	Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)): 49 Leopard seal (STOCK NOT SPECIFIED): 0 Long-nosed fur seal, New Zealand fur seal (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)): 42 Sea lion unspecified (STOCK NOT SPECIFIED(RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)): 0 Seal unspecified (STOCK NOT SPECIFIED(RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)): UNKNOWN	
Flatfishes nei (<i>Pleuronectiformes</i>), Giant stargazer (<i>Kathetostoma giganteum</i>), Gurnards nei (<i>Trigla</i> spp), Hapuku wreckfish (<i>Polyprion oxygeneios</i>), Jacks/crevalles nei (<i>Caranx</i> spp), John dory (<i>Zeus faber</i>), Pink cusk-eel (<i>Genypterus blacodes</i>), Red codling (<i>Pseudophycis bachus</i>), Scorpionfishes/redfishes nei (<i>Scorpaenidae</i>), Silver gemfish (<i>Rexea solandri</i>), Silver seabream (<i>Pagrus auratus</i>), Snoek (<i>Thyrsites atun</i>), Tarakihi/jackass morwong (<i>Nemadactylus macropterus</i>), Tope shark (<i>Galeorhinus galeus</i>), Warehou nei (<i>Seriolella</i> spp), Wreckfish (<i>Polyprion americanus</i>)	Set gillnets/set nets (anchored), (Pelagic)	Number of Vessels: 7, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:81 Pacific Southwest),North and South Islands	Dusky dolphin (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)) Hector's dolphin (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)) Long-nosed fur seal, New Zealand fur seal (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy))	Dusky dolphin (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)): UNKNOWN Hector's dolphin (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)): 0 Long-nosed fur seal, New Zealand fur seal (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)): UNKNOWN	
Nototodarus flying squids nei (<i>Nototodarus</i> spp)	Midwater trawls (not specified), (Midwater)	Number of Vessels: 10, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:81 Pacific Southwest)	New Zealand sea lion, Hooker's sea lion (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy))	New Zealand sea lion, Hooker's sea lion (STOCK NOT SPECIFIED (RF and Bycatch limit decided on species-by-species basis, though have not been specified in policy)): UNKNOWN	

Nicaragua

Exempt Fisheries						
Sea urchins nei (<i>Strongylocentrotus</i> spp)	Hand collection	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Caribbean Coast, Pacific Coast Nicaragua EEZ			

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
marine shrimps nei	Aquaculture (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Caribbean Coast, Pacific Coast Nicaragua EEZ			
Seaweeds nei (Algae)	Aquaculture (lines)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Caribbean Coast, Pacific Coast Nicaragua EEZ			
Cuttlefishes nei (Sepia spp), Hard corals/madrepores nei (Scleractinia), Marine shells nei (Ex Mollusca)	Hand collection	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Caribbean Coast, Pacific Coast Nicaragua EEZ			
Sea cucumbers nei (Holothuroidea)	Hand collection	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Pacific Coast			
Lobsters nei (Reptantia), Marine crabs nei (Brachyura), Marine crustaceans nei (Crustacea), Rock lobsters nei (Jasus spp)	Diving (SCUBA and/or free-diving)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Pacific Coast			
Lobsters nei (Reptantia), Marine crabs nei (Brachyura), Marine crustaceans nei (Crustacea), Rock lobsters nei (Jasus spp)	Diving (SCUBA and/or free-diving)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Caribbean Coast			
Lobsters nei (Reptantia), Marine crabs nei (Brachyura), Marine crustaceans nei (Crustacea), Rock lobsters nei (Jasus spp)	Pots/traps	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Caribbean Coast			
Conch nei (Strombidae), Sea cucumbers nei (Holothuroidea), Sea urchins nei (Strongylocentrotus spp)	Hand collection	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Caribbean Coast			

Export Fisheries

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Albacore (Thunnus alalunga), Bigeye tuna (Thunnus obesus), Dolphinfinishes nei (Coryphaenidae), Skipjack tuna (Katsuwonus pelamis), Swordfish (Xiphias gladius), Yellowfin tuna (Thunnus albacares)	Purse seines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Eastern Tropical Pacific, Inter-American Tropical Tuna Convention Area	Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED) Eastern spinner dolphin (STOCK NOT SPECIFIED) Offshore pantropical spotted dolphin (STOCK NOT SPECIFIED) Spinner dolphin (STOCK NOT SPECIFIED)	Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED): NOT PROVIDED Eastern spinner dolphin (STOCK NOT SPECIFIED): NOT PROVIDED Offshore pantropical spotted dolphin (STOCK NOT SPECIFIED): NOT PROVIDED Spinner dolphin (STOCK NOT SPECIFIED): NOT PROVIDED	IATTC
Wolffishes(=Catfishes) nei (Anarhichas spp)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Caribbean Coast, Pacific Coast Nicaragua EEZ			
Common squids nei (Loligo spp), Octopuses nei (Octopus spp)	Trawls (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Caribbean Coast, Pacific Coast Nicaragua EEZ			
Common squids nei (Loligo spp), Octopuses nei (Octopus spp)	Pots/traps	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	None provided			
Albacore (Thunnus alalunga), Bigeye tuna (Thunnus obesus), Dolphinfinishes nei (Coryphaenidae), Skipjack tuna (Katsuwonus pelamis), Snappers nei (Lutjanus spp), Swordfish (Xiphias gladius), Various sharks nei (Selachimorpha (Pleurotremata)), Yellowfin tuna (Thunnus albacares)	Longlines (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Eastern Tropical Pacific, Inter-American Tropical Tuna Convention Area			IATTC
Groupers nei (Epinephelus spp), Mackerels nei (Scombridae), Snappers nei (Lutjanus spp), marine shrimps nei	Trawls (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Pacific Ocean			
Groupers nei (Epinephelus spp), Mackerels nei (Scombridae), Snappers nei (Lutjanus spp), marine shrimps nei	Trawls (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Caribbean Sea			
Herrings/sardines nei (Clupeidae)	Purse seines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Caribbean Coast, Pacific Coast Nicaragua EEZ			

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Marine molluscs nei (Mollusca)	Trawls (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Caribbean Sea			
Groundfishes nei (Osteichthyes), Lingcod (Ophiodon elongatus), Mackerels nei (Scombridae), Seabasses nei (Dicentrarchus spp)	Gillnets and entangling nets (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Caribbean Coast, Pacific Coast Nicaragua EEZ, in lagoons			
Groundfishes nei (Osteichthyes), Lingcod (Ophiodon elongatus), Mackerels nei (Scombridae), Seabasses nei (Dicentrarchus spp), Soles nei (Soleidae)	Trawls (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Caribbean Coast, Pacific Coast Nicaragua EEZ			
Marine crabs nei (Brachyura), Marine crustaceans nei (Crustacea), Rock lobsters nei (Jasus spp)	Pots/traps	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Pacific Coast			

Nigeria

Exempt Fisheries

Flat and cupped oysters nei (Ostreidae), Marine crustaceans nei (Crustacea)	Hand collection	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Nigeria EEZ, Niger delta mangroves			
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Export Fisheries

Demersal fishes nei (Osteichthyes), Drums nei (Umbrina spp), Herrings/sardines nei (Clupeidae), Jack and horse mackerels nei (Trachurus spp), Soles nei (Soleidae), Threadfins/tasselfishes nei (Polynemidae), Various sharks nei (Selachimorpha (Pleurontremata)), West African croakers nei (Pseudotolithus spp)	Twin bottom otter trawls, (Bottom)	Number of Vessels: 157, Licenses: 157, Participants: 1884, Aquaculture Facilities: 0	EEZ,(FAO:34 Atlantic Eastern Central),Nigeria EEZ	Atlantic humpback dolphin (STOCK NOT SPECIFIED) Atlantic spotted dolphin (STOCK NOT SPECIFIED) Blue whale (STOCK NOT SPECIFIED) Clymene dolphin (STOCK NOT SPECIFIED) Common bottlenose dolphin (STOCK NOT SPECIFIED) Fin whale (STOCK NOT SPECIFIED) Gray's spinner dolphin (STOCK NOT SPECIFIED) Humpback whale (STOCK NOT SPECIFIED) Killer whale, orca (STOCK NOT SPECIFIED) Pygmy killer whale (STOCK NOT SPECIFIED) Pygmy sperm whale (STOCK NOT SPECIFIED) Sei whale (STOCK NOT SPECIFIED) West African manatee, African manatee (STOCK NOT SPECIFIED) pilot whale unspecified (STOCK NOT SPECIFIED)	Atlantic humpback dolphin (STOCK NOT SPECIFIED): 0 Atlantic spotted dolphin (STOCK NOT SPECIFIED): 0 Blue whale (STOCK NOT SPECIFIED): 0 Clymene dolphin (STOCK NOT SPECIFIED): 0 Common bottlenose dolphin (STOCK NOT SPECIFIED): 0 Fin whale (STOCK NOT SPECIFIED): 0 Gray's spinner dolphin (STOCK NOT SPECIFIED): 0 Humpback whale (STOCK NOT SPECIFIED): 0 Killer whale, orca (STOCK NOT SPECIFIED): 0 Pygmy killer whale (STOCK NOT SPECIFIED): 0 Pygmy sperm whale (STOCK NOT SPECIFIED): 0 Sei whale (STOCK NOT SPECIFIED): 0 West African manatee, African manatee (STOCK NOT SPECIFIED): 0 pilot whale unspecified (STOCK NOT SPECIFIED): 0	
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Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
marine shrimps nei	Twin bottom otter trawls, (Bottom)	Number of Vessels: 157, Licenses: 157, Participants: 1884, Aquaculture Facilities: 0	EEZ,(FAO:34 Atlantic Eastern Central),Nigeria EEZ	Atlantic humpback dolphin (STOCK NOT SPECIFIED) Atlantic spotted dolphin (STOCK NOT SPECIFIED) Blue whale (STOCK NOT SPECIFIED) Clymene dolphin (STOCK NOT SPECIFIED) Common bottlenose dolphin (STOCK NOT SPECIFIED) Fin whale (STOCK NOT SPECIFIED) Gray's spinner dolphin (STOCK NOT SPECIFIED) Humpback whale (STOCK NOT SPECIFIED) Killer whale, orca (STOCK NOT SPECIFIED) Pygmy killer whale (STOCK NOT SPECIFIED) Pygmy sperm whale (STOCK NOT SPECIFIED) Sei whale (STOCK NOT SPECIFIED) West African manatee, African manatee (STOCK NOT SPECIFIED) pilot whale unspecified (STOCK NOT SPECIFIED)	Atlantic humpback dolphin (STOCK NOT SPECIFIED): 0 Atlantic spotted dolphin (STOCK NOT SPECIFIED): 0 Blue whale (STOCK NOT SPECIFIED): 0 Clymene dolphin (STOCK NOT SPECIFIED): 0 Common bottlenose dolphin (STOCK NOT SPECIFIED): 0 Fin whale (STOCK NOT SPECIFIED): 0 Gray's spinner dolphin (STOCK NOT SPECIFIED): 0 Humpback whale (STOCK NOT SPECIFIED): 0 Killer whale, orca (STOCK NOT SPECIFIED): 0 Pygmy killer whale (STOCK NOT SPECIFIED): 0 Pygmy sperm whale (STOCK NOT SPECIFIED): 0 Sei whale (STOCK NOT SPECIFIED): 0 West African manatee, African manatee (STOCK NOT SPECIFIED): 0 pilot whale unspecified (STOCK NOT SPECIFIED): 0	RFMO
Demersal fishes nei (Osteichthyes), Drums nei (Umbrina spp), Soles nei (Soleidae), Threadfins/tasselfishes nei (Polynemidae), Various sharks nei (Selachimorpha (Pleurotremata)), West African croakers nei (Pseudotolithus spp)	Gillnets and entangling nets (not specified), (Bottom)	UNKNOWN	EEZ,(FAO:34 Atlantic Eastern Central),Nigeria EEZ	Atlantic humpback dolphin (STOCK NOT SPECIFIED) Atlantic spotted dolphin (STOCK NOT SPECIFIED) Blue whale (STOCK NOT SPECIFIED) Clymene dolphin (STOCK NOT SPECIFIED) Common bottlenose dolphin (STOCK NOT SPECIFIED) Fin whale (STOCK NOT SPECIFIED) Gray's spinner dolphin (STOCK NOT SPECIFIED) Humpback whale (STOCK NOT SPECIFIED) Killer whale, orca (STOCK NOT SPECIFIED) Pygmy killer whale (STOCK NOT SPECIFIED) Pygmy sperm whale (STOCK NOT SPECIFIED) Sei whale (STOCK NOT SPECIFIED) West African manatee, African manatee (STOCK NOT SPECIFIED) pilot whale unspecified (STOCK NOT SPECIFIED)	Atlantic humpback dolphin (STOCK NOT SPECIFIED): 0 Atlantic spotted dolphin (STOCK NOT SPECIFIED): 0 Blue whale (STOCK NOT SPECIFIED): 0 Clymene dolphin (STOCK NOT SPECIFIED): 0 Common bottlenose dolphin (STOCK NOT SPECIFIED): 0 Fin whale (STOCK NOT SPECIFIED): 0 Gray's spinner dolphin (STOCK NOT SPECIFIED): 0 Humpback whale (STOCK NOT SPECIFIED): 0 Killer whale, orca (STOCK NOT SPECIFIED): 0 Pygmy killer whale (STOCK NOT SPECIFIED): 0 Pygmy sperm whale (STOCK NOT SPECIFIED): 0 Sei whale (STOCK NOT SPECIFIED): 0 West African manatee, African manatee (STOCK NOT SPECIFIED): 0 pilot whale unspecified (STOCK NOT SPECIFIED): 0	
Boe drum (Pteroscion peli), Demersal fishes nei (Osteichthyes), Soles nei (Soleidae), Threadfins/tasselfishes nei (Polynemidae), Various sharks nei (Selachimorpha (Pleurotremata)), West African croakers nei (Pseudotolithus spp)	Gillnets and entangling nets (not specified), (Demersal)	UNKNOWN	EEZ,(FAO:34 Atlantic Eastern Central),Nigeria EEZ	Atlantic humpback dolphin (STOCK NOT SPECIFIED) Atlantic spotted dolphin (STOCK NOT SPECIFIED) Blue whale (STOCK NOT SPECIFIED) Clymene dolphin (STOCK NOT SPECIFIED) Common bottlenose dolphin (STOCK NOT SPECIFIED) Fin whale (STOCK NOT SPECIFIED) Gray's spinner dolphin (STOCK NOT SPECIFIED) Humpback whale (STOCK NOT SPECIFIED) Killer whale, orca (STOCK NOT SPECIFIED) Pygmy killer whale (STOCK NOT SPECIFIED) Pygmy sperm whale (STOCK NOT SPECIFIED) Sei whale (STOCK NOT SPECIFIED) West African manatee, African manatee (STOCK NOT SPECIFIED) pilot whale unspecified (STOCK NOT SPECIFIED)	Atlantic humpback dolphin (STOCK NOT SPECIFIED): NOT PROVIDED Atlantic spotted dolphin (STOCK NOT SPECIFIED): NOT PROVIDED Blue whale (STOCK NOT SPECIFIED): NOT PROVIDED Clymene dolphin (STOCK NOT SPECIFIED): NOT PROVIDED Common bottlenose dolphin (STOCK NOT SPECIFIED): NOT PROVIDED Fin whale (STOCK NOT SPECIFIED): NOT PROVIDED Gray's spinner dolphin (STOCK NOT SPECIFIED): NOT PROVIDED Humpback whale (STOCK NOT SPECIFIED): NOT PROVIDED Killer whale, orca (STOCK NOT SPECIFIED): NOT PROVIDED Pygmy killer whale (STOCK NOT SPECIFIED): NOT PROVIDED Pygmy sperm whale (STOCK NOT SPECIFIED): NOT PROVIDED Sei whale (STOCK NOT SPECIFIED): NOT PROVIDED West African manatee, African manatee (STOCK NOT SPECIFIED): NOT PROVIDED pilot whale unspecified (STOCK NOT SPECIFIED): NOT PROVIDED	

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Common cuttlefish (<i>Sepia officinalis</i>)	Twin bottom otter trawls, (Bottom)	Number of Vessels: 157, Licenses: 157, Participants: 1884, Aquaculture Facilities: 0	EEZ,(FAO:34 Atlantic Eastern Central)	Atlantic humpback dolphin (STOCK NOT SPECIFIED) Atlantic spotted dolphin (STOCK NOT SPECIFIED) Blue whale (STOCK NOT SPECIFIED) Clymene dolphin (STOCK NOT SPECIFIED) Common bottlenose dolphin (STOCK NOT SPECIFIED) Fin whale (STOCK NOT SPECIFIED) Gray's spinner dolphin (STOCK NOT SPECIFIED) Humpback whale (STOCK NOT SPECIFIED) Killer whale, orca (STOCK NOT SPECIFIED) Pygmy killer whale (STOCK NOT SPECIFIED) Pygmy sperm whale (STOCK NOT SPECIFIED) Sei whale (STOCK NOT SPECIFIED) West African manatee, African manatee (STOCK NOT SPECIFIED) pilot whale unspecified (STOCK NOT SPECIFIED)	Atlantic humpback dolphin (STOCK NOT SPECIFIED): 0 Atlantic spotted dolphin (STOCK NOT SPECIFIED): 0 Blue whale (STOCK NOT SPECIFIED): 0 Clymene dolphin (STOCK NOT SPECIFIED): 0 Common bottlenose dolphin (STOCK NOT SPECIFIED): 0 Fin whale (STOCK NOT SPECIFIED): 0 Gray's spinner dolphin (STOCK NOT SPECIFIED): 0 Humpback whale (STOCK NOT SPECIFIED): 0 Killer whale, orca (STOCK NOT SPECIFIED): 0 Pygmy killer whale (STOCK NOT SPECIFIED): 0 Pygmy sperm whale (STOCK NOT SPECIFIED): 0 Sei whale (STOCK NOT SPECIFIED): 0 West African manatee, African manatee (STOCK NOT SPECIFIED): 0 pilot whale unspecified (STOCK NOT SPECIFIED): 0	
West African estuarine prawn (<i>Nematopalaemon hastatus</i>)	Stow nets, (Bottom)	UNKNOWN	EEZ,(FAO:34 Atlantic Eastern Central),Nigeria EEZ, delta gulf of Guinea	Atlantic humpback dolphin (STOCK NOT SPECIFIED) Atlantic spotted dolphin (STOCK NOT SPECIFIED) Blue whale (STOCK NOT SPECIFIED) Clymene dolphin (STOCK NOT SPECIFIED) Common bottlenose dolphin (STOCK NOT SPECIFIED) Fin whale (STOCK NOT SPECIFIED) Gray's spinner dolphin (STOCK NOT SPECIFIED) Humpback whale (STOCK NOT SPECIFIED) Killer whale, orca (STOCK NOT SPECIFIED) Pygmy killer whale (STOCK NOT SPECIFIED) Pygmy sperm whale (STOCK NOT SPECIFIED) Sei whale (STOCK NOT SPECIFIED) West African manatee, African manatee (STOCK NOT SPECIFIED) pilot whale unspecified (STOCK NOT SPECIFIED)	Atlantic humpback dolphin (STOCK NOT SPECIFIED): 0 Atlantic spotted dolphin (STOCK NOT SPECIFIED): 0 Blue whale (STOCK NOT SPECIFIED): 0 Clymene dolphin (STOCK NOT SPECIFIED): 0 Common bottlenose dolphin (STOCK NOT SPECIFIED): 0 Fin whale (STOCK NOT SPECIFIED): 0 Gray's spinner dolphin (STOCK NOT SPECIFIED): 0 Humpback whale (STOCK NOT SPECIFIED): 0 Killer whale, orca (STOCK NOT SPECIFIED): 0 Pygmy killer whale (STOCK NOT SPECIFIED): 0 Pygmy sperm whale (STOCK NOT SPECIFIED): 0 Sei whale (STOCK NOT SPECIFIED): 0 West African manatee, African manatee (STOCK NOT SPECIFIED): 0 pilot whale unspecified (STOCK NOT SPECIFIED): 0	
Marine crustaceans nei (Crustacea), Royal spiny lobster (<i>Panulirus regius</i>), Tropical spiny lobsters nei (<i>Panulirus spp</i>)	Twin bottom otter trawls, (Bottom)	Number of Vessels: 157, Licenses: 157, Participants: 1884, Aquaculture Facilities: 0	EEZ,(FAO:34 Atlantic Eastern Central),Nigeria EEZ	Atlantic humpback dolphin (STOCK NOT SPECIFIED) Atlantic spotted dolphin (STOCK NOT SPECIFIED) Blue whale (STOCK NOT SPECIFIED) Clymene dolphin (STOCK NOT SPECIFIED) Common bottlenose dolphin (STOCK NOT SPECIFIED) Fin whale (STOCK NOT SPECIFIED) Gray's spinner dolphin (STOCK NOT SPECIFIED) Humpback whale (STOCK NOT SPECIFIED) Killer whale, orca (STOCK NOT SPECIFIED) Pygmy killer whale (STOCK NOT SPECIFIED) Pygmy sperm whale (STOCK NOT SPECIFIED) Sei whale (STOCK NOT SPECIFIED) West African manatee, African manatee (STOCK NOT SPECIFIED) pilot whale unspecified (STOCK NOT SPECIFIED)	Atlantic humpback dolphin (STOCK NOT SPECIFIED): 0 Atlantic spotted dolphin (STOCK NOT SPECIFIED): 0 Blue whale (STOCK NOT SPECIFIED): 0 Clymene dolphin (STOCK NOT SPECIFIED): 0 Common bottlenose dolphin (STOCK NOT SPECIFIED): 0 Fin whale (STOCK NOT SPECIFIED): 0 Gray's spinner dolphin (STOCK NOT SPECIFIED): 0 Humpback whale (STOCK NOT SPECIFIED): 0 Killer whale, orca (STOCK NOT SPECIFIED): 0 Pygmy killer whale (STOCK NOT SPECIFIED): 0 Pygmy sperm whale (STOCK NOT SPECIFIED): 0 Sei whale (STOCK NOT SPECIFIED): 0 West African manatee, African manatee (STOCK NOT SPECIFIED): 0 pilot whale unspecified (STOCK NOT SPECIFIED): 0	

Norway

Exempt Fisheries

Anglerfishes nei (Lophiidae), Atlantic cod (<i>Gadus morhua</i>), Demersal fishes nei (Osteichthyes), Haddock (<i>Melanogrammus aeglefinus</i>), Saithe(=Pollock) (<i>Pollachius virens</i>)	Danish seines, (Demersal)	Number of Vessels: 342, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:27 Atlantic Northeast),Norwegian EEZ-- North of 62 degrees
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Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
toothfishes nei (Dissostichus spp)	Longlines (not specified), (Demersal)	Number of Vessels: 1, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	High Seas,(FAO:48 Atlantic Antarctic),Subarea 48.6			CCAMLR
toothfishes nei (Dissostichus spp)	Longlines (not specified), (Demersal)	Number of Vessels: 1, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	High Seas,(FAO:88 Pacific Antarctic),Subarea 88.1-2			CCAMLR
Anglerfishes nei (Lophiidae), Atlantic cod (Gadus morhua), Demersal fishes nei (Osteichthyes), Haddock (Melanogrammus aeglefinus), Saithe(=Pollock) (Pollachius virens)	Handlines and hand-operated pole-and-lines, (Demersal)	Number of Vessels: 1868, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:27 Atlantic Northeast),Norwegian EEZ-- North of 62 degrees			
Antarctic krill (Euphausia superba)	Beam trawls, (Midwater)	Number of Vessels: 2, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	High Seas,(FAO:48 Atlantic Antarctic),Antarctic Peninsula Subareas 48.1-4			CCAMLR
Atlantic bluefin tuna (Thunnus thynnus), Tunas nei (Thunnini)	Longlines (not specified), (Pelagic), Purse seines, (Pelagic)	Number of Vessels: 8, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:27 Atlantic Northeast),Norwegian EEZ-- Entire country			ICCAT
Blue mussel (Mytilus edulis), Clams/etc. nei (Bivalvia), Great Atlantic scallop (Pecten maximus), Marine molluscs nei (Mollusca)	Hand collection, (Bottom)	UNKNOWN	EEZ,(FAO:27 Atlantic Northeast)			
Export Fisheries						
Monkfishes nei (Lophius spp)	Set gillnets/set nets (anchored), (Bottom)	Number of Vessels: 50, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:27 Atlantic Northeast),Norwegian EEZ-- Entire country	Gray seal (Norwegian coast) Harbor porpoise (Norwegian coastal waters) Harbor seal, common seal (Norwegian coast)	Gray seal (Norwegian coast): 184 Harbor porpoise (Norwegian coastal waters): 1126 Harbor seal, common seal (Norwegian coast): 219	
Atlantic cod (Gadus morhua), Greenland halibut (Reinhardtius hippoglossoides), Haddock (Melanogrammus aeglefinus), Lumpfish(=Lumpsucker) (Cyclopterus lumpus), Saithe(=Pollock) (Pollachius virens)	Set gillnets/set nets (anchored), (Bottom)	Number of Vessels: 2144, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,Russian Federation,(FAO:27 Atlantic Northeast),Norwegian EEZ-- North of 62 degrees	Gray seal (Norwegian coast) Harbor porpoise (Norwegian coastal waters) Harbor seal, common seal (Norwegian coast)	Gray seal (Norwegian coast): 29 Harbor porpoise (Norwegian coastal waters): 626 Harbor seal, common seal (Norwegian coast): 162	
Edible crab (Cancer pagurus), Marine crustaceans nei (Crustacea), Norway lobster (Nephrops norvegicus), Red king crab (Paralithodes camtschaticus), Snow crab (Chionoecetes opilio)	Pots/traps, (Bottom)	Number of Vessels: 750, Licenses: 750, Participants: 750, Aquaculture Facilities: none provided	EEZ,(FAO:27 Atlantic Northeast)			

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Atlantic cod (<i>Gadus morhua</i>)	Set gillnets/set nets (anchored), (Demersal)	Number of Vessels: 1600, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:27 Atlantic Northeast),Norwegian coast	Gray seal (Norwegian coast) Harbor porpoise (Norwegian coastal waters) Harbor seal, common seal (Norwegian coast)	Gray seal (Norwegian coast): 179 Harbor porpoise (Norwegian coastal waters): 1046 Harbor seal, common seal (Norwegian coast): 213	
Atlantic herring (<i>Clupea harengus</i>), Atlantic mackerel (<i>Scomber scombrus</i>), Blue whiting(=Poutassou) (<i>Micromesistius poutassou</i>), Capelin (<i>Mallotus villosus</i>), European sprat (<i>Sprattus sprattus</i>)	Trawls (not specified), (Midwater)	Number of Vessels: 140, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,United Kingdom,(FAO:27 Atlantic Northeast),Norwegian EEZ--Entire country			
Anglerfishes nei (<i>Lophiidae</i>), Atlantic cod (<i>Gadus morhua</i>), Demersal fishes nei (<i>Osteichthyes</i>), Haddock (<i>Melanogrammus aeglefinus</i>), Ling (<i>Molva molva</i>), Saithe(=Pollock) (<i>Pollachius virens</i>), Tusk(=Cusk) (<i>Brosme brosme</i>), Wolffishes(=Catfishes) nei (<i>Anarhichas spp</i>)	Longlines (not specified), (Bottom)	Number of Vessels: 1322, Licenses: 1322, Participants: 1322, Aquaculture Facilities: none provided	EEZ,(FAO:27 Atlantic Northeast),Norwegian EEZ--North of 62 degrees			
Salmonids nei (<i>Salmonidae</i>), Trouts nei (<i>Salmo spp</i>)	Aquaculture (freshwater), (Surface), Aquaculture (not specified), (Surface)	Number of Vessels: 0, Licenses: 990, Participants: 0, Aquaculture Facilities: 978	EEZ,(FAO:27 Atlantic Northeast),Norwegian EEZ--Entire country	Gray seal (Norwegian coast) Harbor seal, common seal (Norwegian coast)	Gray seal (Norwegian coast): UNKNOWN Harbor seal, common seal (Norwegian coast): UNKNOWN	
Saithe(=Pollock) (<i>Pollachius virens</i>)	Purse seines, (Pelagic)	Number of Vessels: 100, Licenses: 100, Participants: 100, Aquaculture Facilities: none provided	EEZ,(FAO:27 Atlantic Northeast),Norwegian EEZ--North of 62 degrees			
Greenland halibut (<i>Reinhardtius hippoglossoides</i>), Northern cods nei (<i>Gadus spp</i>), Saithe(=Pollock) (<i>Pollachius virens</i>), marine shrimps nei	Trawls (not specified), (Bottom)	Number of Vessels: 45, Licenses: 45, Participants: 45, Aquaculture Facilities: none provided	EEZ,Greenland,Russia,(FAO:21 Atlantic Northwest),Norwegian EEZ--North of 62 degrees			NAFO,NE AFC
Atlantic herring (<i>Clupea harengus</i>), Atlantic mackerel (<i>Scomber scombrus</i>), Capelin (<i>Mallotus villosus</i>), European sprat (<i>Sprattus sprattus</i>)	Purse seines, (Pelagic)	Number of Vessels: 370, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	High Seas,EEZ,Denmark,Sweden,United Kingdom,(FAO:27 Atlantic Northeast),Norwegian EEZ--Entire country	Humpback whale (North Atlantic) Killer whale, orca (North East Atlantic)	Humpback whale (North Atlantic): .33 Killer whale, orca (North East Atlantic): 1	NEAFC

Oman

Exempt Fisheries						
Albacore (<i>Thunnus alalunga</i>), Bigeye tuna (<i>Thunnus obesus</i>), Tunas nei (<i>Thunnini</i>), Yellowfin tuna (<i>Thunnus albacares</i>)	Handlines and hand-operated pole-and-lines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided	Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED)	Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED): NOT PROVIDED	IOTC
Demersal fishes nei (<i>Osteichthyes</i>), Flatfishes nei (<i>Pleuronectiformes</i>), Groundfishes nei (<i>Osteichthyes</i>), Groupers nei (<i>Epinephelus spp</i>), Snappers nei (<i>Lutjanus spp</i>)	Handlines and hand-operated pole-and-lines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Oman Sea, Arabian Sea of Oman			

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
marine shrimps nei	Cast nets	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Oman Sea, Arabian Sea of Oman			
Herrings/sardines nei (Clupeidae), Pelagic fishes nei (Osteichthyes), Porgies/seabreams nei (Sparidae)	Beach seines, Cast nets	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Oman Sea, Arabian Sea of Oman			
Porgies/seabreams nei (Sparidae)	Aquaculture (cages, net pens)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Oman Sea, Arabian Sea of Oman			
Dolphinfishes nei (Coryphaenidae)	Handlines and hand-operated pole-and-lines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Oman Sea, Arabian Sea of Oman			
Export Fisheries						
Groupers nei (Epinephelus spp), Snappers nei (Lutjanus spp)	Longlines (not specified), (Demersal), Set gillnets/set nets (anchored), (Demersal), Vertical lines, (Midwater)	Number of Vessels: 23726, Licenses: 23726, Participants: 49000, Aquaculture Facilities: none provided	Oman sea and Arabian sea	Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED) Humpback whale (STOCK NOT SPECIFIED) Sperm whale, cachalot (UNKNOWN)	Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED): UNKNOWN Humpback whale (STOCK NOT SPECIFIED): UNKNOWN Sperm whale, cachalot (UNKNOWN): UNKNOWN	
Common squids nei (Loligo spp), Hooded cuttlefish (Sepia prashadi), Pharaoh cuttlefish (Sepia pharaonis)	Jig, (Midwater), Traps (not specified), (Bottom)	Number of Vessels: 3900, Licenses: 3900, Participants: 8000, Aquaculture Facilities: None	Arabian Sea Off Oman Coast	Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED) Humpback whale (STOCK NOT SPECIFIED) Sperm whale, cachalot (UNKNOWN)	Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED): UNKNOWN Humpback whale (STOCK NOT SPECIFIED): UNKNOWN Sperm whale, cachalot (UNKNOWN): UNKNOWN	
Common dolphinfish (Coryphaena hippurus), Pompano dolphinfish (Coryphaena equiselis)	Driftnets, (Surface), Trolling lines, (Surface)	UNKNOWN	Arabian Sea of Oman	Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED) Humpback whale (STOCK NOT SPECIFIED)	Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED): UNKNOWN Humpback whale (STOCK NOT SPECIFIED): UNKNOWN	
Pelagic fishes nei (Osteichthyes), Porgies/seabreams nei (Sparidae)	Encircling gillnets, (Surface), Seine nets (not specified), (Surface)	Number of Vessels: See comments, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Oman Sea, Arabian Sea of Oman	Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED) Humpback whale (STOCK NOT SPECIFIED)	Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED): UNKNOWN Humpback whale (STOCK NOT SPECIFIED): UNKNOWN	

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Lesser slipper lobster (<i>Scyllarus arctus</i>), Painted spiny lobster (<i>Panulirus versicolor</i>), Scalloped spiny lobster (<i>Panulirus homarus</i>)	Traps (not specified), (Demersal)	Number of Vessels: 13086, Licenses: 13086, Participants: 22163, Aquaculture Facilities: none provided	Arabian sea off Oman coast	Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED) Humpback whale (STOCK NOT SPECIFIED) Sperm whale, cachalot (UNKNOWN)	Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED): UNKNOWN Humpback whale (STOCK NOT SPECIFIED): UNKNOWN Sperm whale, cachalot (UNKNOWN): UNKNOWN	
Albacore (<i>Thunnus alalunga</i>), Yellowfin tuna (<i>Thunnus albacares</i>)	Driftnets, (Surface), Longlines (not specified), (Surface), Vertical lines, (Midwater)	Number of Vessels: See Comments, Licenses: 24565, Participants: 49715, Aquaculture Facilities: NA	Coastal fisheries, Oman Sea and Arabian Sea	Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED) Humpback whale (STOCK NOT SPECIFIED) Sperm whale, cachalot (UNKNOWN)	Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED): UNKNOWN Humpback whale (STOCK NOT SPECIFIED): UNKNOWN Sperm whale, cachalot (UNKNOWN): UNKNOWN	
Croakers nei (<i>Micropogonias</i> spp), Demersal fishes nei (<i>Osteichthyes</i>), Flatfishes nei (<i>Pleuronectiformes</i>), Groundfishes nei (<i>Osteichthyes</i>), Grunts nei (<i>Haemulon</i> spp), Mulletts nei (<i>Mugilidae</i>)	Longlines (not specified), (Demersal), Set gillnets/set nets (anchored), (Demersal), Traps (not specified), (Demersal), Vertical lines, (Demersal)	Number of Vessels: 12282, Licenses: 24564, Participants: 49000, Aquaculture Facilities: none provided	Oman sea and Arabian sea	Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED) Humpback whale (STOCK NOT SPECIFIED) Sperm whale, cachalot (UNKNOWN)	Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED): UNKNOWN Humpback whale (STOCK NOT SPECIFIED): UNKNOWN Sperm whale, cachalot (UNKNOWN): UNKNOWN	
Herrings/sardines nei (<i>Clupeidae</i>)	Encircling gillnets, (Surface), Purse seines, (Surface)	Number of Vessels: 11870, Licenses: 23741, Participants: 23860, Aquaculture Facilities: none provided	Oman sea and Arabian sea	Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED) Humpback whale (STOCK NOT SPECIFIED) Sperm whale, cachalot (UNKNOWN)	Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED): UNKNOWN Humpback whale (STOCK NOT SPECIFIED): UNKNOWN Sperm whale, cachalot (UNKNOWN): UNKNOWN	
Bigeye tuna (<i>Thunnus obesus</i>), Tunas nei (<i>Thunnini</i>)	Driftnets, (Surface), Longlines (not specified), (Surface), Vertical lines, (Midwater)	Number of Vessels: 13086, Licenses: 13086, Participants: 22163, Aquaculture Facilities: none provided	Arabian sea and Oman sea	Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED) Humpback whale (STOCK NOT SPECIFIED) Sperm whale, cachalot (UNKNOWN)	Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED): UNKNOWN Humpback whale (STOCK NOT SPECIFIED): UNKNOWN Sperm whale, cachalot (UNKNOWN): UNKNOWN	

Pakistan

Exempt Fisheries						
Fertile venus (<i>Marcia opima</i>), Hard clams nei (<i>Meretrix</i> spp), Marine molluscs nei (<i>Mollusca</i>), Razor clams/knife clams nei (<i>Solenidae</i>), Spiral babylon (<i>Babylonia spirata</i>)	Hand collection, (Bottom), Rakes, (Bottom)	UNKNOWN	EEZ,(FAO:51 Indian Ocean Western),51.4,Pakistan EEZ (offshore), Arabian Sea (FAO area 51)			
Orange mud crab (<i>Scylla olivacea</i>)	Hand Implements (not specified), (Surface)	UNKNOWN	EEZ,(FAO:51 Indian Ocean Western),51.4,Indus delta, shelf area Continental shelf ofPakistan. ArabianSea (FAO area 51)			

Export Fisheries

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Butterfishes nei (Stromateus spp), Croakers nei (Micropogonias spp), Demersal fishes nei (Osteichthyes), Eels/morays/congers nei (Anguilliformes), Flatfishes nei (Pleuronectiformes), Groupers nei (Epinephelus spp), Lobsters nei (Reptantia), Mulletts nei (Mugilidae), Ribbonfishes (Trachipteridae), Silver pomfret (Pampus argenteus), Snappers nei (Lutjanus spp), Soles nei (Soleidae), Southern meagre(=Mulloway) (Argyrosomus hololepidotus)	Set gillnets/set nets (anchored), (Bottom)	Number of Vessels: 3500, Licenses: 3500, Participants: 52500, Aquaculture Facilities: 0	EEZ,(FAO:51 Indian Ocean Western),51.4,Sindh & Balochistan maritime provinces, Arabian Sea (FAOarea 51)	Common bottlenose dolphin (UNKNOWN) Finless porpoise unspecified (UNKNOWN) Indo-Pacific humpback dolphin (UNKNOWN) Irrawaddy dolphin, pesut (UNKNOWN) Spinner dolphin (UNKNOWN) Striped dolphin (UNKNOWN) Whale unspecified (UNKNOWN)	Common bottlenose dolphin (UNKNOWN): 0 Finless porpoise unspecified (UNKNOWN): 0 Indo-Pacific humpback dolphin (UNKNOWN): 0 Irrawaddy dolphin, pesut (UNKNOWN): 0 Spinner dolphin (UNKNOWN): 0 Striped dolphin (UNKNOWN): 0 Whale unspecified (UNKNOWN): 0	
Savalai hairtail (Lepturacanthus savala)	Bottom trawls (not specified), (Demersal)	Number of Vessels: 2000, Licenses: 2000, Participants: 36000, Aquaculture Facilities: 0	EEZ,(FAO:51 Indian Ocean Western),51.4,Pakistan EEZ (offshore), Arabian Sea (FAO area 51)	Baleen whale unspecified (UNKNOWN) Bryde's whale (UNKNOWN) Common bottlenose dolphin (UNKNOWN) Dwarf sperm whale (UNKNOWN) Finless porpoise unspecified (UNKNOWN) Humpback whale (UNKNOWN) Indo-Pacific humpback dolphin (UNKNOWN) Spinner dolphin (UNKNOWN) Whale unspecified (UNKNOWN)	Baleen whale unspecified (UNKNOWN): UNKNOWN Bryde's whale (UNKNOWN): UNKNOWN Common bottlenose dolphin (UNKNOWN): UNKNOWN Dwarf sperm whale (UNKNOWN): UNKNOWN Finless porpoise unspecified (UNKNOWN): UNKNOWN Humpback whale (UNKNOWN): UNKNOWN Indo-Pacific humpback dolphin (UNKNOWN): UNKNOWN Spinner dolphin (UNKNOWN): UNKNOWN Whale unspecified (UNKNOWN): UNKNOWN	
marine shrimps nei	Set gillnets/set nets (anchored), (Demersal), Single boat bottom otter trawls, (Bottom)	UNKNOWN	EEZ,(FAO:51 Indian Ocean Western),51.4,Balochistan coast and Indus delta, and shelf area	Baleen whale unspecified (UNKNOWN) Blue whale (UNKNOWN) Bryde's whale (UNKNOWN) Common bottlenose dolphin (UNKNOWN) Humpback whale (UNKNOWN) Spinner dolphin (UNKNOWN)	Baleen whale unspecified (UNKNOWN): UNKNOWN Blue whale (UNKNOWN): UNKNOWN Bryde's whale (UNKNOWN): UNKNOWN Common bottlenose dolphin (UNKNOWN): UNKNOWN Humpback whale (UNKNOWN): UNKNOWN Spinner dolphin (UNKNOWN): UNKNOWN	
Giant tiger prawn (Penaeus monodon), Green tiger prawn (Penaeus semisulcatus), Indian white prawn (Fenneropenaeus indicus), Kiddi shrimp (Parapenaeopsis stylifera), marine shrimps nei	Set gillnets/set nets (anchored), (Bottom), Single boat bottom otter trawls, (Bottom)	UNKNOWN	EEZ,(FAO:51 Indian Ocean Western),51.4,Maritime provinces Sindh & Balochistan. Arabian Sea (FAO area 51), in creek area	Blue whale (UNKNOWN) Bryde's whale (UNKNOWN) Common bottlenose dolphin (UNKNOWN) Dwarf sperm whale (UNKNOWN) Finless porpoise unspecified (UNKNOWN) Humpback whale (UNKNOWN) Spinner dolphin (UNKNOWN)	Blue whale (UNKNOWN): UNKNOWN Bryde's whale (UNKNOWN): UNKNOWN Common bottlenose dolphin (UNKNOWN): UNKNOWN Dwarf sperm whale (UNKNOWN): UNKNOWN Finless porpoise unspecified (UNKNOWN): UNKNOWN Humpback whale (UNKNOWN): UNKNOWN Spinner dolphin (UNKNOWN): UNKNOWN	
Cuttlefishes nei (Sepia spp), Finfishes nei (Osteichthyes), Lobsters nei (Reptantia), Various squids nei (Loliginidae, Ommastrephidae)	Single boat bottom otter trawls, (Demersal)	Number of Vessels: 2500, Licenses: 2500, Participants: 25000, Aquaculture Facilities: 0	EEZ,(FAO:51 Indian Ocean Western),51.4,Pakistan EEZ up to 200 meters, Arabian Sea (FAO area 51)	Baleen whale unspecified (UNKNOWN) Finless porpoise unspecified (UNKNOWN) Humpback whale (UNKNOWN) Indo-Pacific humpback dolphin (UNKNOWN) Pantropical spotted dolphin (UNKNOWN) Spinner dolphin (UNKNOWN) Whale unspecified (UNKNOWN)	Baleen whale unspecified (UNKNOWN): 0 Finless porpoise unspecified (UNKNOWN): 0 Humpback whale (UNKNOWN): 0 Indo-Pacific humpback dolphin (UNKNOWN): 0 Pantropical spotted dolphin (UNKNOWN): 0 Spinner dolphin (UNKNOWN): 0 Whale unspecified (UNKNOWN): 0	
Barracudas nei (Sphyraena spp), Dolphinfishes nei (Coryphaenidae), Indo-Pacific sailfish (Istiophorus platypterus), Mackerels nei (Scombridae), Marlins nei (Makaira spp), Marlins,sailfishes,etc. nei (Istiophoridae), Pelagic fishes nei (Osteichthyes), Swordfish (Xiphias gladius), Tunas nei (Thunnini), Various sharks nei (Selachimorpha (Pleurotremata))	Gillnets and entangling nets (not specified), (Pelagic)	UNKNOWN	EEZ,(FAO:51 Indian Ocean Western),51.4,Pakistan EEZ (Offshore) Maritime provinces Sindh & Balochistan. Arabian Sea (FAO area 51)	Blue whale (UNKNOWN) Bryde's whale (UNKNOWN) Common bottlenose dolphin (UNKNOWN) Dwarf sperm whale (UNKNOWN) Finless porpoise unspecified (UNKNOWN) Humpback whale (UNKNOWN) Indo-Pacific humpback dolphin (UNKNOWN) Irrawaddy dolphin, pesut (UNKNOWN) Pantropical spotted dolphin (UNKNOWN) Spinner dolphin (UNKNOWN) Striped dolphin (UNKNOWN)	Blue whale (UNKNOWN): 0 Bryde's whale (UNKNOWN): 0 Common bottlenose dolphin (UNKNOWN): 65 Dwarf sperm whale (UNKNOWN): 4 Finless porpoise unspecified (UNKNOWN): 1 Humpback whale (UNKNOWN): 0 Indo-Pacific humpback dolphin (UNKNOWN): 2 Irrawaddy dolphin, pesut (UNKNOWN): 0 Pantropical spotted dolphin (UNKNOWN): 3 Spinner dolphin (UNKNOWN): 65 Striped dolphin (UNKNOWN): 0	IOTC
Anchovies nei (Engraulis spp), Marine fishes nei (Osteichthyes), Sardinellas nei (Sardinella spp)	Seine nets (not specified), (Surface)	Number of Vessels: 2,100, Licenses: 2100, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:51 Indian Ocean Western),51.4,Maritime provinces Sindh & Balochistan. Arabian Sea (FAO area 51), shallow waters less than 20 meters			

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
marine shrimps nei	Set gillnets/set nets (anchored), (Bottom), Trawls (not specified), (Demersal)	Number of Vessels: 2000, Licenses: 2000, Participants: 10,000, Aquaculture Facilities: 0	EEZ,(FAO:51 Indian Ocean Western),51.4,Sindh coast, Arabian Sea (FAO area 51)	Finless porpoise unspecified (UNKNOWN) Whale unspecified (UNKNOWN)	Finless porpoise unspecified (UNKNOWN): 0 Whale unspecified (UNKNOWN): UNKNOWN	

Palau

Exempt Fisheries						
Coralgroupers nei (Plectropomus spp), Groupers nei (Epinephelus spp)	Diving (spearfishing), (Midwater), Handlines and hand-operated pole-and-lines, (Midwater)	UNKNOWN	EEZ,(FAO:71 Pacific Western Central),Coastal	Dugong (UNKNOWN)	Dugong (UNKNOWN): UNKNOWN	
Bigeye tuna (Thunnus obesus), Tunas nei (Thunnini), Yellowfin tuna (Thunnus albacares)	Purse seines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Palau EEZ			WCPFC
Pelagic fishes nei (Osteichthyes)	Handlines and hand-operated pole-and-lines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			
Clams/etc. nei (Bivalvia)	Aquaculture (coastal - shellfish beds), (Bottom)	Number of Vessels: 10, Licenses: 45, Participants: 45, Aquaculture Facilities: 2	EEZ,(FAO:71 Pacific Western Central),Coastal (inside lagoon)	Dugong (UNKNOWN)	Dugong (UNKNOWN): UNKNOWN	
Bluespine unicornfish (Naso unicornis), Emperors/Scavengers nei (Lethrinidae), Goatfishes/red mullets nei (Mullidae), Milkfish (Chanos chanos), Orangespine unicornfish (Naso lituratus), Parrotfishes nei (Scaridae), Snappers/jobfishes nei (Lutjanidae), Soldierfishes nei (Myripristis spp), Surgeonfishes nei (Acanthuridae), Wrasses/hogfishes/etc. nei (Labridae)	Diving (spearfishing), (Midwater), Handlines and hand-operated pole-and-lines, (Midwater)	UNKNOWN	EEZ,(FAO:71 Pacific Western Central),Coastal	Dugong (UNKNOWN) Melon-headed whale, Electra dolphin (UNKNOWN) Pantropical spotted dolphin (UNKNOWN) Spinner dolphin (UNKNOWN)	Dugong (UNKNOWN): UNKNOWN Melon-headed whale, Electra dolphin (UNKNOWN): UNKNOWN Pantropical spotted dolphin (UNKNOWN): UNKNOWN Spinner dolphin (UNKNOWN): UNKNOWN	
Cuttlefishes nei (Sepia spp), Hard corals/madrepores nei (Scleractinia), Marine crustaceans nei (Crustacea), Trochidae (Trochidae)	Diving (SCUBA and/or free-diving)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	lagoons and outer reef slopes of Palau			
Bigeye tuna (Thunnus obesus), Tunas nei (Thunnini), Yellowfin tuna (Thunnus albacares)	Pole and Lines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Palau EEZ			

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Spinefeet/Rabbitfishes nei (Siganus spp)	Diving (spearfishing), (Midwater), Handlines and hand-operated pole-and-lines, (Midwater)	UNKNOWN	EEZ,(FAO:71 Pacific Western Central),Coastal	Dugong (UNKNOWN)	Dugong (UNKNOWN): UNKNOWN	

Export Fisheries						
Bigeye tuna (Thunnus obesus), Tunas nei (Thunnini), Yellowfin tuna (Thunnus albacares)	Longlines (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Palau EEZ	Toothed whale unspecified (STOCK NOT SPECIFIED)	Toothed whale unspecified (STOCK NOT SPECIFIED): UNKNOWN	WCPFC

Panama

Exempt Fisheries						
Carangids nei (Carangidae), Groupers nei (Epinephelus spp), Jack and horse mackerels nei (Trachurus spp), Mackerels nei (Scombridae)	Hooks and lines (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Panama EEZ, Pacific			
Cobia (Rachycentron canadum)	Aquaculture (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Caribbean Sea, offshore	Atlantic spotted dolphin (UNKNOWN) Killer whale, orca (UNKNOWN) Pantropical spotted dolphin (UNKNOWN) Sperm whale, cachalot (UNKNOWN)	Atlantic spotted dolphin (UNKNOWN): NOT PROVIDED Killer whale, orca (UNKNOWN): NOT PROVIDED Pantropical spotted dolphin (UNKNOWN): NOT PROVIDED Sperm whale, cachalot (UNKNOWN): NOT PROVIDED	
Bigeye tuna (Thunnus obesus), Skipjack tuna (Katsuwonus pelamis), Yellowfin tuna (Thunnus albacares)	Purse seines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Pacific (outside EEZ), FAO zone 77, 87			IATTC
Lobsters nei (Reptantia)	Diving (SCUBA and/or free-diving)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Caribbean Sea	Atlantic spotted dolphin (UNKNOWN) Killer whale, orca (UNKNOWN) Pantropical spotted dolphin (UNKNOWN) Sperm whale, cachalot (UNKNOWN)	Atlantic spotted dolphin (UNKNOWN): NOT PROVIDED Killer whale, orca (UNKNOWN): NOT PROVIDED Pantropical spotted dolphin (UNKNOWN): NOT PROVIDED Sperm whale, cachalot (UNKNOWN): NOT PROVIDED	

Export Fisheries

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Bigeye tuna (<i>Thunnus obesus</i>), Skipjack tuna (<i>Katsuwonus pelamis</i>), Yellowfin tuna (<i>Thunnus albacares</i>)	Purse seines, (Surface)	Number of Vessels: 2, Licenses: 5, Participants: none provided, Aquaculture Facilities: 0	High Seas, Angola, Equatorial Guinea, Gabon, Ghana, Guinea, Guinea-Bissau, Ivory Coast, Liberia, Namibia, Sao Tome & Principe, (FAO:34 Atlantic Eastern Central, FAO:47 Atlantic Southeast, FAO:41 Atlantic Southwest, FAO:31 Atlantic Western Central), Atlantic Ocean International Convention for the Conservation of Atlantic Tuna Convention Area			ICCAT
Herrings/sardines nei (<i>Clupeidae</i>)	Purse seines, (Surface)	Number of Vessels: 18, Licenses: 20, Participants: none provided, Aquaculture Facilities: none provided	EEZ, (FAO:77 Pacific Eastern Central), Panama EEZ, Pacific			
Demersal fishes nei (<i>Osteichthyes</i>), Groupers nei (<i>Epinephelus</i> spp), Pelagic fishes nei (<i>Osteichthyes</i>), Snappers nei (<i>Lutjanus</i> spp), Various sharks nei (<i>Selachimorpha</i> (<i>Pleurotremata</i>))	Longlines (not specified), (Demersal)	Number of Vessels: 102, Licenses: 102, Participants: none provided, Aquaculture Facilities: none provided	High Seas, EEZ, (FAO:77 Pacific Eastern Central, FAO:87 Pacific Southeast, FAO:81 Pacific Southwest), Gulf of Panama and Pacific Ocean, Panama EEZ	Common bottlenose dolphin (UNKNOWN) Pantropical spotted dolphin (UNKNOWN)	Common bottlenose dolphin (UNKNOWN): UNKNOWN Pantropical spotted dolphin (UNKNOWN): UNKNOWN	
Croakers/drums nei (<i>Sciaenidae</i>), Jack and horse mackerels nei (<i>Trachurus</i> spp), Mackerels nei (<i>Scombridae</i>), Weakfishes nei (=corvina/curvina) (<i>Cynoscion</i> spp)	Gillnets and entangling nets (not specified), (Surface)	Number of Vessels: none provided, Licenses: 4500, Participants: none provided, Aquaculture Facilities: none provided	EEZ, (FAO:77 Pacific Eastern Central), Panama EEZ, Pacific			
marine shrimps nei	Gillnets and entangling nets (not specified), (Surface)	Number of Vessels: none provided, Licenses: 828, Participants: none provided, Aquaculture Facilities: none provided	EEZ, (FAO:77 Pacific Eastern Central), Panama EEZ, Pacific			
Dolphinfishes nei (<i>Coryphaenidae</i>), Pelagic fishes nei (<i>Osteichthyes</i>), Swordfish (<i>Xiphias gladius</i>), Tunas nei (<i>Thunnini</i>), Various sharks nei (<i>Selachimorpha</i> (<i>Pleurotremata</i>))	Longlines (not specified), (Surface)	Number of Vessels: 25, Licenses: 25, Participants: none provided, Aquaculture Facilities: none provided	High Seas, EEZ, (FAO:77 Pacific Eastern Central, FAO:87 Pacific Southeast, FAO:81 Pacific Southwest), Pacific (outside EEZ) Eastern central and southeast Pacific (FAO areas 77, 87) Inter-American Tropical Tuna Convention Area	Common bottlenose dolphin (UNKNOWN) Humpback whale (UNKNOWN) Pantropical spotted dolphin (UNKNOWN)	Common bottlenose dolphin (UNKNOWN): UNKNOWN Humpback whale (UNKNOWN): UNKNOWN Pantropical spotted dolphin (UNKNOWN): UNKNOWN	IATTC
Green spiny lobster (<i>Panulirus gracilis</i>)	tangle nets, (Bottom)	Number of Vessels: none provided, Licenses: 51, Participants: none provided, Aquaculture Facilities: none provided	EEZ, (FAO:77 Pacific Eastern Central), profundidad en áreas rocosas			

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Flatfishes nei (Pleuronectiformes), marine shrimps nei	Trawls (not specified), (Demersal)	Number of Vessels: 66, Licenses: 132, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:77 Pacific Eastern Central),Gulf of Panama and Pacific Ocean	Pantropical spotted dolphin (UNKNOWN) Sperm whale, cachalot (UNKNOWN)	Pantropical spotted dolphin (UNKNOWN): 0 Sperm whale, cachalot (UNKNOWN): UNKNOWN	RFMO
Dolphinfishes nei (Coryphaenidae), Pelagic fishes nei (Osteichthyes), Swordfish (Xiphias gladius), Tunas nei (Thunnini), Various sharks nei (Selachimorpha (Pleurotremata))	Longlines (not specified), (Surface)	Number of Vessels: 35, Licenses: 35, Participants: none provided, Aquaculture Facilities: none provided	High Seas,Suriname, (FAO:34 Atlantic Eastern Central, FAO:47 Atlantic Southeast, FAO:41 Atlantic Southwest, FAO:31 Atlantic Western Central),Atlantic (outside EEZ) FAO areas 31, 34, 41, 47			ICCAT

Papua New Guinea

Exempt Fisheries						
Rock lobsters nei (Jasus spp)	Diving (SCUBA and/or free-diving)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Torres Strait			
Marine molluscs nei (Mollusca)	Hand collection	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	PNG EEZ			
Tunas nei (Thunnini)	Handlines and hand-operated pole-and-lines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Madang and Morobe provinces (PNG EEZ)			WCPFC
Export Fisheries						
Herrings/sardines nei (Clupeidae), Mackerels nei (Scombridae), Marine fishes nei (Osteichthyes)	Trawls (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	PNG Gulf and other parts of southern PNG, Torres Strait			
Marlins nei (Makaira spp), Marlins,sailfishes,etc. nei (Istiophoridae), Swordfish (Xiphias gladius), Yellowfin tuna (Thunnus albacares)	Longlines (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	PNG EEZ			WCPFC

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Bigeye tuna (<i>Thunnus obesus</i>), Skipjack tuna (<i>Katsuwonus pelamis</i>), Yellowfin tuna (<i>Thunnus albacares</i>)	Purse seines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Western Central Pacific Fisheries Commission Convention Area and PNG EEZ	Common bottlenose dolphin (STOCK NOT SPECIFIED) Common minke whale (STOCK NOT SPECIFIED) False killer whale (STOCK NOT SPECIFIED) Fraser's dolphin (STOCK NOT SPECIFIED) Rough-toothed dolphin (STOCK NOT SPECIFIED) Spinner dolphin (STOCK NOT SPECIFIED)	Common bottlenose dolphin (STOCK NOT SPECIFIED): NOT PROVIDED Common minke whale (STOCK NOT SPECIFIED): NOT PROVIDED False killer whale (STOCK NOT SPECIFIED): NOT PROVIDED Fraser's dolphin (STOCK NOT SPECIFIED): NOT PROVIDED Rough-toothed dolphin (STOCK NOT SPECIFIED): NOT PROVIDED Spinner dolphin (STOCK NOT SPECIFIED): NOT PROVIDED	WCPFC
Bigeye tuna (<i>Thunnus obesus</i>), Skipjack tuna (<i>Katsuwonus pelamis</i>), Yellowfin tuna (<i>Thunnus albacares</i>)	Purse seines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Western Central Pacific Fisheries Commission Convention Area, Federated States of Micronesia EEZ	Rough-toothed dolphin (STOCK NOT SPECIFIED)	Rough-toothed dolphin (STOCK NOT SPECIFIED): NOT PROVIDED	WCPFC
Bigeye tuna (<i>Thunnus obesus</i>), Skipjack tuna (<i>Katsuwonus pelamis</i>), Yellowfin tuna (<i>Thunnus albacares</i>)	Purse seines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Western Central Pacific Fisheries Commission Convention Area, Kiribati EEZ	Rough-toothed dolphin (STOCK NOT SPECIFIED)	Rough-toothed dolphin (STOCK NOT SPECIFIED): NOT PROVIDED	WCPFC
Bigeye tuna (<i>Thunnus obesus</i>), Skipjack tuna (<i>Katsuwonus pelamis</i>), Yellowfin tuna (<i>Thunnus albacares</i>)	Purse seines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Western Central Pacific Fisheries Commission Convention Area, Nauru EEZ	Common bottlenose dolphin (STOCK NOT SPECIFIED) False killer whale (STOCK NOT SPECIFIED)	Common bottlenose dolphin (STOCK NOT SPECIFIED): NOT PROVIDED False killer whale (STOCK NOT SPECIFIED): NOT PROVIDED	WCPFC
Bigeye tuna (<i>Thunnus obesus</i>), Skipjack tuna (<i>Katsuwonus pelamis</i>), Yellowfin tuna (<i>Thunnus albacares</i>)	Purse seines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Western Central Pacific Fisheries Commission Convention Area, international waters	Sperm whale, cachalot (STOCK NOT SPECIFIED)	Sperm whale, cachalot (STOCK NOT SPECIFIED): NOT PROVIDED	WCPFC
Marine molluscs nei (Mollusca)	Trawls (not specified), (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	PNG EEZ			

Peru

Exempt Fisheries

Patagonian toothfish (<i>Dissostichus eleginoides</i>)	Longlines (not specified), (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Artisanal: Peru EEZ provinces Piura, Ancash, La Libertad, Arequipa			
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Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Cuttlefishes nei (Sepia spp), Patagonian squid (Loligo gahi), Various squids nei (Loliginidae, Ommastrephidae)	Handlines and hand-operated pole-and-lines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Artisanal: Peru EEZ provinces Tumbes-Arequipa			
Chilean sea urchin (Loxechinus albus), Chocolate rockshell (Thais chocolata), Dungeness crab (Cancer magister), False abalone(=Chilean abalone) (Concholepas concholepas), Gastropods nei (Gastropoda), Octopuses nei (Octopus spp), Peruvian calico scallop (Argopecten purpuratus), Razor clams/knife clams nei (Solenidae), Sea cucumbers nei (Holothuroidea), Sea mussels nei (Mytilidae)	Diving (SCUBA and/or free-diving)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Artisanal: Peru EEZ all provinces			
Pacific harvestfish (Peprilus medius)	Handlines and hand-operated pole-and-lines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Artisanal: Peru EEZ primarily provinces north of Lima			
Starry grouper (Epinephelus labriformis)	Diving (SCUBA and/or free-diving)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Artisanal: Peru EEZ provinces Piura and Tumbes			
Marine fishes nei (roe/milt) (Osteichthyes)	Aquaculture (rafts, mats)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Artisanal: Peru EEZ primarily provinces Ica and south			
Chilean silverside (Odontesthes regia)	Handlines and hand-operated pole-and-lines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Artisanal: Peru EEZ all provinces			
Jumbo flying squid (Dosidicus gigas)	Handlines and hand-operated pole-and-lines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Artisanal: Peru EEZ all provinces and on high seas			
Scallops nei (Pectinidae)	Aquaculture (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	coastal - (provinces Ancash, Piura, Arequipa, Ica, La Libertad, Monquegua, Tacna, Tumbes, El Callao)			

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Conger eels/etc. nei (Congridae)	eel traps	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			
Yellowfin tuna (Thunnus albacares)	Handlines and hand-operated pole-and-lines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Artisanal: Peru EEZ all provinces, 4-5 vessels on high seas			IATTC
Seaweeds nei (Algae)	Diving (SCUBA and/or free-diving)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			
Punctuated snake-eel (Ophichthus remiger)	Pots/traps	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Artisanal: Peru EEZ primarily northern provinces Tumbes-La Libertad			
Export Fisheries						
Albacore (Thunnus alalunga), Dolphinfishes nei (Coryphaenidae), Yellowfin tuna (Thunnus albacares)	Longlines (not specified), (Surface)	UNKNOWN	EEZ,(FAO:87 Pacific Southeast),Peru EEZ all provinces, 4-5 vessels on high seas, Eastern Tropical Pacific Ocean, Inter-American Tropical Tuna Convention Area, October - April	Burmeister's porpoise (STOCK NOT SPECIFIED) Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED) Dusky dolphin (STOCK NOT SPECIFIED)	Burmeister's porpoise (STOCK NOT SPECIFIED): UNKNOWN Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED): UNKNOWN Dusky dolphin (STOCK NOT SPECIFIED): UNKNOWN	IATTC
Yellowfin tuna (Thunnus albacares)	Gillnets and entangling nets (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Artisanal: Peru EEZ all provinces, 4-5 vessels on high seas	Burmeister's porpoise (STOCK NOT SPECIFIED) Common bottlenose dolphin (STOCK NOT SPECIFIED) Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED) Dusky dolphin (STOCK NOT SPECIFIED) South American fur seal (STOCK NOT SPECIFIED) South American sea lion (STOCK NOT SPECIFIED)	Burmeister's porpoise (STOCK NOT SPECIFIED): UNKNOWN Common bottlenose dolphin (STOCK NOT SPECIFIED): UNKNOWN Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED): UNKNOWN Dusky dolphin (STOCK NOT SPECIFIED): UNKNOWN South American fur seal (STOCK NOT SPECIFIED): UNKNOWN South American sea lion (STOCK NOT SPECIFIED): UNKNOWN	IATTC
Patagonian toothfish (Dissostichus eleginoides)	trot lines, (Bottom)	Number of Vessels: 6, Licenses: 6, Participants: 6, Aquaculture Facilities: none provided	EEZ,(FAO:87 Pacific Southeast),Small-scale: Peru EEZ	Burmeister's porpoise (STOCK NOT SPECIFIED) Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED) Dusky dolphin (STOCK NOT SPECIFIED) South American fur seal (STOCK NOT SPECIFIED) South American sea lion (STOCK NOT SPECIFIED)	Burmeister's porpoise (STOCK NOT SPECIFIED): UNKNOWN Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED): UNKNOWN Dusky dolphin (STOCK NOT SPECIFIED): UNKNOWN South American fur seal (STOCK NOT SPECIFIED): UNKNOWN South American sea lion (STOCK NOT SPECIFIED): UNKNOWN	
Jack and horse mackerels nei (Trachurus spp), Mackerels nei (Scombridae)	Purse seines, (Surface)	Number of Vessels: 86, Licenses: 86, Participants: 86, Aquaculture Facilities: none provided	EEZ,(FAO:87 Pacific Southeast),Industrial: outside the 10 nautical miles from the coast	Burmeister's porpoise (STOCK NOT SPECIFIED) Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED) Dusky dolphin (STOCK NOT SPECIFIED) South American fur seal (STOCK NOT SPECIFIED) South American sea lion (STOCK NOT SPECIFIED)	Burmeister's porpoise (STOCK NOT SPECIFIED): UNKNOWN Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED): UNKNOWN Dusky dolphin (STOCK NOT SPECIFIED): UNKNOWN South American fur seal (STOCK NOT SPECIFIED): UNKNOWN South American sea lion (STOCK NOT SPECIFIED): UNKNOWN	SPRFMO

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Jack and horse mackerels nei (Trachurus spp), Mackerels nei (Scombridae)	Trawls (not specified), (Midwater)	Number of Vessels: 1, Licenses: 1, Participants: 1, Aquaculture Facilities: none provided	High Seas,(FAO:87 Pacific Southeast),Industrial: outside the 10 nautical miles from the coast	Burmeister's porpoise (STOCK NOT SPECIFIED) Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED) Dusky dolphin (STOCK NOT SPECIFIED) South American fur seal (STOCK NOT SPECIFIED) South American sea lion (STOCK NOT SPECIFIED)	Burmeister's porpoise (STOCK NOT SPECIFIED): UNKNOWN Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED): UNKNOWN Dusky dolphin (STOCK NOT SPECIFIED): UNKNOWN South American fur seal (STOCK NOT SPECIFIED): UNKNOWN South American sea lion (STOCK NOT SPECIFIED): UNKNOWN	SPRFMO
Pacific harvestfish (Peprilus medius)	Purse seines, (Pelagic)	UNKNOWN	EEZ,(FAO:87 Pacific Southeast),Artisanal: Peru EEZ primarily provinces north of Lima	Burmeister's porpoise (STOCK NOT SPECIFIED) Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED) Dusky dolphin (STOCK NOT SPECIFIED) South American fur seal (STOCK NOT SPECIFIED) South American sea lion (STOCK NOT SPECIFIED)	Burmeister's porpoise (STOCK NOT SPECIFIED): UNKNOWN Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED): UNKNOWN Dusky dolphin (STOCK NOT SPECIFIED): UNKNOWN South American fur seal (STOCK NOT SPECIFIED): UNKNOWN South American sea lion (STOCK NOT SPECIFIED): UNKNOWN	
Pacific harvestfish (Peprilus medius)	Gillnets and entangling nets (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Peru EEZ primarily provinces north of Lima	Burmeister's porpoise (STOCK NOT SPECIFIED) Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED) Dusky dolphin (STOCK NOT SPECIFIED) South American fur seal (STOCK NOT SPECIFIED) South American sea lion (STOCK NOT SPECIFIED)	Burmeister's porpoise (STOCK NOT SPECIFIED): UNKNOWN Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED): UNKNOWN Dusky dolphin (STOCK NOT SPECIFIED): UNKNOWN South American fur seal (STOCK NOT SPECIFIED): UNKNOWN South American sea lion (STOCK NOT SPECIFIED): UNKNOWN	
marine shrimps nei	Trawls (not specified), (Midwater, Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Artisanal: Peru EEZ primarily Piura and Tumbes	Burmeister's porpoise (STOCK NOT SPECIFIED) Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED) Dusky dolphin (STOCK NOT SPECIFIED) South American fur seal (STOCK NOT SPECIFIED) South American sea lion (STOCK NOT SPECIFIED)	Burmeister's porpoise (STOCK NOT SPECIFIED): UNKNOWN Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED): UNKNOWN Dusky dolphin (STOCK NOT SPECIFIED): UNKNOWN South American fur seal (STOCK NOT SPECIFIED): UNKNOWN South American sea lion (STOCK NOT SPECIFIED): UNKNOWN	
Hakes nei (Merluccius spp)	Trawls (not specified), (Bottom)	Number of Vessels: 33, Licenses: 33, Participants: 33, Aquaculture Facilities: none provided	EEZ,(FAO:87 Pacific Southeast),Industrial and small-scale: 5 nautical miles onwards; it usually operates north of degree 6 or 7, south latitude	Burmeister's porpoise (STOCK NOT SPECIFIED) Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED) Dusky dolphin (STOCK NOT SPECIFIED) South American fur seal (STOCK NOT SPECIFIED) South American sea lion (STOCK NOT SPECIFIED)	Burmeister's porpoise (STOCK NOT SPECIFIED): UNKNOWN Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED): UNKNOWN Dusky dolphin (STOCK NOT SPECIFIED): UNKNOWN South American fur seal (STOCK NOT SPECIFIED): UNKNOWN South American sea lion (STOCK NOT SPECIFIED): UNKNOWN	
Chilean silverside (Odontesthes regia)	Purse seines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Artisanal: Peru EEZ all provinces	Burmeister's porpoise (STOCK NOT SPECIFIED) Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED) Dusky dolphin (STOCK NOT SPECIFIED) South American fur seal (STOCK NOT SPECIFIED) South American sea lion (STOCK NOT SPECIFIED)	Burmeister's porpoise (STOCK NOT SPECIFIED): UNKNOWN Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED): UNKNOWN Dusky dolphin (STOCK NOT SPECIFIED): UNKNOWN South American fur seal (STOCK NOT SPECIFIED): UNKNOWN South American sea lion (STOCK NOT SPECIFIED): UNKNOWN	
Chilean silverside (Odontesthes regia)	Gillnets and entangling nets (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Artisanal: Peru EEZ all provinces	Burmeister's porpoise (STOCK NOT SPECIFIED) Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED) Dusky dolphin (STOCK NOT SPECIFIED) South American fur seal (STOCK NOT SPECIFIED) South American sea lion (STOCK NOT SPECIFIED)	Burmeister's porpoise (STOCK NOT SPECIFIED): UNKNOWN Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED): UNKNOWN Dusky dolphin (STOCK NOT SPECIFIED): UNKNOWN South American fur seal (STOCK NOT SPECIFIED): UNKNOWN South American sea lion (STOCK NOT SPECIFIED): UNKNOWN	
Blue shark (Prionace glauca), Hammerhead sharks nei (Sphyrna spp), Shortfin mako (Isurus oxyrinchus)	Gillnets and entangling nets (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Artisanal: Peru EEZ all provinces and on high seas	Burmeister's porpoise (STOCK NOT SPECIFIED) Common bottlenose dolphin (STOCK NOT SPECIFIED) Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED) Dusky dolphin (STOCK NOT SPECIFIED) South American fur seal (STOCK NOT SPECIFIED) South American sea lion (STOCK NOT SPECIFIED)	Burmeister's porpoise (STOCK NOT SPECIFIED): UNKNOWN Common bottlenose dolphin (STOCK NOT SPECIFIED): UNKNOWN Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED): UNKNOWN Dusky dolphin (STOCK NOT SPECIFIED): UNKNOWN South American fur seal (STOCK NOT SPECIFIED): UNKNOWN South American sea lion (STOCK NOT SPECIFIED): UNKNOWN	
Blue shark (Prionace glauca), Hammerhead sharks nei (Sphyrna spp), Shortfin mako (Isurus oxyrinchus)	Longlines (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Artisanal: Peru EEZ all provinces and on high seas	Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED)	Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED): UNKNOWN	

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Angelsharks/sand devils nei (Squatinae), Blue shark (Prionace glauca), Bonitos nei (Sarda spp), Dolphinfishes nei (Coryphaenidae), Hammerhead sharks nei (Sphyrna spp), Rays and skates nei (Rajidae), Shortfin mako (Isurus oxyrinchus), Thresher (Alopias vulpinus)	Driftnets	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Artisanal: Peru EEZ all provinces and on high seas	Burmeister's porpoise (STOCK NOT SPECIFIED) Common bottlenose dolphin (STOCK NOT SPECIFIED) Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED) Dusky dolphin (STOCK NOT SPECIFIED) South American fur seal (STOCK NOT SPECIFIED) South American sea lion (STOCK NOT SPECIFIED)	Burmeister's porpoise (STOCK NOT SPECIFIED): UNKNOWN Common bottlenose dolphin (STOCK NOT SPECIFIED): UNKNOWN Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED): UNKNOWN Dusky dolphin (STOCK NOT SPECIFIED): UNKNOWN South American fur seal (STOCK NOT SPECIFIED): UNKNOWN South American sea lion (STOCK NOT SPECIFIED): UNKNOWN	
Anchoveta(=Peruvian anchovy) (Engraulis ringens), Cuttlefishes nei (Sepia spp), Herrings/sardines nei (Clupeidae), Patagonian squid (Loligo gahi), Various squids nei (Loliginidae, Ommastrephidae)	Purse seines, (Pelagic)	UNKNOWN	EEZ,(FAO:87 Pacific Southeast),Artisanal: Peru EEZ all provinces	Burmeister's porpoise (STOCK NOT SPECIFIED) Common bottlenose dolphin (STOCK NOT SPECIFIED) Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED) Dusky dolphin (STOCK NOT SPECIFIED) South American fur seal (STOCK NOT SPECIFIED) South American sea lion (STOCK NOT SPECIFIED)	Burmeister's porpoise (STOCK NOT SPECIFIED): UNKNOWN Common bottlenose dolphin (STOCK NOT SPECIFIED): UNKNOWN Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED): UNKNOWN Dusky dolphin (STOCK NOT SPECIFIED): UNKNOWN South American fur seal (STOCK NOT SPECIFIED): UNKNOWN South American sea lion (STOCK NOT SPECIFIED): UNKNOWN	
Anchoveta(=Peruvian anchovy) (Engraulis ringens), Herrings/sardines nei (Clupeidae)	Purse seines, (Pelagic)	Number of Vessels: 400-500, Licenses: 846, Participants: 846, Aquaculture Facilities: 0	EEZ,(FAO:87 Pacific Southeast),Industrial: Peru EEZ all provinces	Burmeister's porpoise (STOCK NOT SPECIFIED) Common bottlenose dolphin (STOCK NOT SPECIFIED) Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED) Dusky dolphin (STOCK NOT SPECIFIED) South American fur seal (STOCK NOT SPECIFIED) South American sea lion (STOCK NOT SPECIFIED)	Burmeister's porpoise (STOCK NOT SPECIFIED): UNKNOWN Common bottlenose dolphin (STOCK NOT SPECIFIED): UNKNOWN Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED): UNKNOWN Dusky dolphin (STOCK NOT SPECIFIED): UNKNOWN South American fur seal (STOCK NOT SPECIFIED): UNKNOWN South American sea lion (STOCK NOT SPECIFIED): UNKNOWN	
Bigeye tuna (Thunnus obesus), Skipjack tuna (Katsuwonus pelamis), Yellowfin tuna (Thunnus albacares)	Purse seines, (Surface)	Number of Vessels: 16, Licenses: 16, Participants: 16, Aquaculture Facilities: none provided	High Seas,EEZ,(FAO:87 Pacific Southeast),Eastern Tropical Pacific Ocean, Inter-American Tropical Tuna Convention Area	Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED) Eastern spinner dolphin (STOCK NOT SPECIFIED) Offshore pantropical spotted dolphin (STOCK NOT SPECIFIED) Spinner dolphin (STOCK NOT SPECIFIED)	Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED): UNKNOWN Eastern spinner dolphin (STOCK NOT SPECIFIED): UNKNOWN Offshore pantropical spotted dolphin (STOCK NOT SPECIFIED): UNKNOWN Spinner dolphin (STOCK NOT SPECIFIED): UNKNOWN	IATTC

Philippines

Exempt Fisheries						
Octopuses nei (Octopus spp)	Grappling and wounding gears (gaffs)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	coastal area and nationwide Major areas = South Sulu Sea, Tawi-tawi, Jolo, Basilan, Palawan, Caraga			
Herrings/sardines nei (Clupeidae), Various squids nei (Loliginidae, Ommastrephidae)	Fyke nets	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	nationwide			
Bigeye tuna (Thunnus obesus), Dolphinfishes nei (Coryphaenidae), Skipjack tuna (Katsuwonus pelamis), Yellowfin tuna (Thunnus albacares)	Ring nets	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ			WCPFC
Bigeye tuna (Thunnus obesus), Skipjack tuna (Katsuwonus pelamis), Yellowfin tuna (Thunnus albacares)	Handlines and hand-operated pole-and-lines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	coastal area, nationwide, EEZ			WCPFC

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Dolphinfishes nei (Coryphaenidae), Swordfish (Xiphias gladius)	Handlines and hand-operated pole-and-lines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Offshore			WCPFC
Export Fisheries						
Bonitos nei (Sarda spp), Herrings/sardines nei (Clupeidae), Mackerels nei (Scombridae), Round scad (Decapterus punctatus), Various squids nei (Loliginidae, Ommastrephidae)	Purse seines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Coastal waters, Nationwide, Major Areas – Zamboanga Peninsula, Basilan, Sulu, Tawi-- Tawi, Palawan, Visayan Sea and Ticao Pass/San Bernardino Strait, Palawan, Iloilo	Spinner dolphin (600-636 (Southern Tanon Strait))	Spinner dolphin (600-636 (Southern Tanon Strait)): UNKNOWN	
Dolphinfishes nei (Coryphaenidae), Tunas nei (Thunnini)	Trolling lines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Offshore			
Skipjack tuna (Katsuwonus pelamis)	Drift gillnets	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	municipal waters; nationwide	Cuvier's beaked whale, goose-beaked whale (STOCK NOT SPECIFIED) Fraser's dolphin (STOCK NOT SPECIFIED) Irrawaddy dolphin, pesut (35 (Malampaya Sound)) Spinner dolphin (600-636 (Southern Tanon Strait))	Cuvier's beaked whale, goose-beaked whale (STOCK NOT SPECIFIED): UNKNOWN Fraser's dolphin (STOCK NOT SPECIFIED): UNKNOWN Irrawaddy dolphin, pesut (35 (Malampaya Sound)): UNKNOWN Spinner dolphin (600-636 (Southern Tanon Strait)): UNKNOWN	
Bonitos nei (Sarda spp), Herrings/sardines nei (Clupeidae), Mackerels nei (Scombridae), Round scad (Decapterus punctatus), Various squids nei (Loliginidae, Ommastrephidae)	Ring nets	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Coastal waters, Nationwide, Major Areas – Zamboanga Peninsula, Basilan, Sulu, Tawi-- Tawi, Palawan, Visayan Sea and Ticao Pass/San Bernardino Strait, Palawan, Iloilo	Spinner dolphin (600-636 (Southern Tanon Strait))	Spinner dolphin (600-636 (Southern Tanon Strait)): UNKNOWN	
Bigeye tuna (Thunnus obesus), Skipjack tuna (Katsuwonus pelamis), Yellowfin tuna (Thunnus albacares)	Purse seines, (Pelagic)	Number of Vessels: 139, Licenses: 139, Participants: none provided, Aquaculture Facilities: none provided	High Seas,EEZ,(FAO:71 Pacific Western Central),EEZ	Blainville's beaked whale (STOCK NOT SPECIFIED)	Blainville's beaked whale (STOCK NOT SPECIFIED): UNKNOWN	WCPFC
Bigeye tuna (Thunnus obesus), Dolphinfishes nei (Coryphaenidae), Skipjack tuna (Katsuwonus pelamis), Yellowfin tuna (Thunnus albacares)	Purse seines, (Pelagic)	Number of Vessels: 28, Licenses: 28, Participants: 28, Aquaculture Facilities: 0	High Seas,(FAO:71 Pacific Western Central),High Seas Pocket 1	Common bottlenose dolphin (STOCK NOT SPECIFIED) Rough-toothed dolphin (STOCK NOT SPECIFIED)	Common bottlenose dolphin (STOCK NOT SPECIFIED): UNKNOWN Rough-toothed dolphin (STOCK NOT SPECIFIED): UNKNOWN	IOTC,WC PFC

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Bigeye tuna (<i>Thunnus obesus</i>), Skipjack tuna (<i>Katsuwonus pelamis</i>), Yellowfin tuna (<i>Thunnus albacares</i>)	Ring nets	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	High Seas Pocket 1, Nationwide, EEZ, International Waters (including High Seas and EEZ of coastal states in the Western and Central Pacific Ocean and the Indian Ocean where PH-- flagged vessels have fishing access/agreements	Common bottlenose dolphin (STOCK NOT SPECIFIED) Rough-toothed dolphin (STOCK NOT SPECIFIED)	Common bottlenose dolphin (STOCK NOT SPECIFIED): UNKNOWN Rough-toothed dolphin (STOCK NOT SPECIFIED): 20	IOTC, WC PFC
Bigeye tuna (<i>Thunnus obesus</i>), Skipjack tuna (<i>Katsuwonus pelamis</i>), Yellowfin tuna (<i>Thunnus albacares</i>)	Longlines (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ, International waters	Common bottlenose dolphin (STOCK NOT SPECIFIED) Rough-toothed dolphin (STOCK NOT SPECIFIED)	Common bottlenose dolphin (STOCK NOT SPECIFIED): UNKNOWN Rough-toothed dolphin (STOCK NOT SPECIFIED): UNKNOWN	ICCAT, IO TC, WCPFC
Blue swimming crab (<i>Portunus pelagicus</i>)	Pots/traps	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Visayan Sea, Samar Sea, San Miguel Bay; Bays/Gulfs nationwide			
Blue swimming crab (<i>Portunus pelagicus</i>)	Gillnets and entangling nets (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Visayan Sea, Samar Sea, San Miguel Bay; Bays/Gulfs nationwide	Irrawaddy dolphin, pesut (35 (Malampaya Sound))	Irrawaddy dolphin, pesut (35 (Malampaya Sound)): UNKNOWN	
Octopuses <i>nei</i> (<i>Octopus</i> spp)	Pots/traps	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Major areas = South Sulu Sea, Tawi-tawi, Jolo, Basilan, Palawan, Caraga			
Various squids <i>nei</i> (<i>Loliginidae</i> , <i>Ommastrephidae</i>)	Trawls (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	year-round; nationwide			
Demersal fishes <i>nei</i> (<i>Osteichthyes</i>)	Set gillnets/set nets (anchored)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	municipal waters; nationwide			

Poland

Export Fisheries

Herrings/sardines <i>nei</i> (<i>Clupeidae</i>)	Gillnets and entangling nets (not specified), (Pelagic)	Number of Vessels: 185, Licenses: 185, Participants: 185, Aquaculture Facilities: none provided	EEZ, Denmark, Germany, Latvia, Lithuania, Sweden, (FAO: 27 Atlantic Northeast), 27.3.d.24, 27.3.d.25, 27.3.d.26, Baltic Sea (FAO 27.3d)	Gray seal (STOCK NOT SPECIFIED) Harbor porpoise (STOCK NOT SPECIFIED) Harbor seal, common seal (STOCK NOT SPECIFIED) Ringed seal (STOCK NOT SPECIFIED)	Gray seal (STOCK NOT SPECIFIED): UNKNOWN Harbor porpoise (STOCK NOT SPECIFIED): UNKNOWN Harbor seal, common seal (STOCK NOT SPECIFIED): UNKNOWN Ringed seal (STOCK NOT SPECIFIED): UNKNOWN	ICES
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Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Herrings/sardines nei (Clupeidae)	Pots/traps, (Pelagic)	Number of Vessels: 88, Licenses: 88, Participants: 88, Aquaculture Facilities: 88	EEZ,(FAO:27 Atlantic Northeast),27.3.d.24, 27.3.d.25, 27.3.d.26,Baltic Sea (FAO 27.3d)	Gray seal (STOCK NOT SPECIFIED) Harbor porpoise (STOCK NOT SPECIFIED) Harbor seal, common seal (STOCK NOT SPECIFIED) Ringed seal (STOCK NOT SPECIFIED)	Gray seal (STOCK NOT SPECIFIED): UNKNOWN Harbor porpoise (STOCK NOT SPECIFIED): UNKNOWN Harbor seal, common seal (STOCK NOT SPECIFIED): UNKNOWN Ringed seal (STOCK NOT SPECIFIED): UNKNOWN	ICES
Herrings/sardines nei (Clupeidae)	Danish seines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Baltic Sea (FAO 27.3d)	Gray seal (STOCK NOT SPECIFIED) Harbor porpoise (STOCK NOT SPECIFIED) Harbor seal, common seal (STOCK NOT SPECIFIED) Ringed seal (STOCK NOT SPECIFIED)	Gray seal (STOCK NOT SPECIFIED): UNKNOWN Harbor porpoise (STOCK NOT SPECIFIED): UNKNOWN Harbor seal, common seal (STOCK NOT SPECIFIED): UNKNOWN Ringed seal (STOCK NOT SPECIFIED): UNKNOWN	
Flatfishes nei (Pleuronectiformes)	Pots/traps, (Demersal)	Number of Vessels: 32, Licenses: 32, Participants: 32, Aquaculture Facilities: none provided	EEZ,(FAO:27 Atlantic Northeast),27.3.d.24, 27.3.d.26,Baltic Sea (FAO 27.3d)	Gray seal (STOCK NOT SPECIFIED) Harbor porpoise (STOCK NOT SPECIFIED) Harbor seal, common seal (STOCK NOT SPECIFIED) Ringed seal (STOCK NOT SPECIFIED)	Gray seal (STOCK NOT SPECIFIED): UNKNOWN Harbor porpoise (STOCK NOT SPECIFIED): UNKNOWN Harbor seal, common seal (STOCK NOT SPECIFIED): UNKNOWN Ringed seal (STOCK NOT SPECIFIED): UNKNOWN	ICES
Flatfishes nei (Pleuronectiformes)	Trawls (not specified), (Bottom)	Number of Vessels: 95, Licenses: 95, Participants: 95, Aquaculture Facilities: none provided	EEZ,Denmark,Estonia,Germany,Latvia,Lithuania,Sweden,(FAO:27 Atlantic Northeast),27.3.d.24, 27.3.d.25, 27.3.d.26, 27.3.d.28.2,Baltic Sea (FAO 27.3d)	Gray seal (STOCK NOT SPECIFIED) Harbor porpoise (STOCK NOT SPECIFIED) Harbor seal, common seal (STOCK NOT SPECIFIED) Ringed seal (STOCK NOT SPECIFIED)	Gray seal (STOCK NOT SPECIFIED): UNKNOWN Harbor porpoise (STOCK NOT SPECIFIED): UNKNOWN Harbor seal, common seal (STOCK NOT SPECIFIED): UNKNOWN Ringed seal (STOCK NOT SPECIFIED): UNKNOWN	ICES
Flatfishes nei (Pleuronectiformes)	Trawls (not specified), (Pelagic)	Number of Vessels: 49, Licenses: 49, Participants: 49, Aquaculture Facilities: none provided	EEZ,Denmark,Estonia,Finland,Germany,Latvia,Lithuania,Sweden,(FAO:27 Atlantic Northeast),27.3.d.24, 27.3.d.25, 27.3.d.26, 27.3.d.28.2, 27.3.d.32,Baltic Sea (FAO 27.3d)	Gray seal (STOCK NOT SPECIFIED) Harbor porpoise (STOCK NOT SPECIFIED) Harbor seal, common seal (STOCK NOT SPECIFIED) Ringed seal (STOCK NOT SPECIFIED)	Gray seal (STOCK NOT SPECIFIED): UNKNOWN Harbor porpoise (STOCK NOT SPECIFIED): UNKNOWN Harbor seal, common seal (STOCK NOT SPECIFIED): UNKNOWN Ringed seal (STOCK NOT SPECIFIED): UNKNOWN	ICES
Flatfishes nei (Pleuronectiformes)	Longlines (not specified), (Demersal)	Number of Vessels: 29, Licenses: 29, Participants: 29, Aquaculture Facilities: none provided	EEZ,(FAO:27 Atlantic Northeast),27.3.d.24, 27.3.d.25,Baltic Sea (FAO 27.3d)	Gray seal (STOCK NOT SPECIFIED) Harbor porpoise (STOCK NOT SPECIFIED) Harbor seal, common seal (STOCK NOT SPECIFIED) Ringed seal (STOCK NOT SPECIFIED)	Gray seal (STOCK NOT SPECIFIED): UNKNOWN Harbor porpoise (STOCK NOT SPECIFIED): UNKNOWN Harbor seal, common seal (STOCK NOT SPECIFIED): UNKNOWN Ringed seal (STOCK NOT SPECIFIED): UNKNOWN	ICES
Flatfishes nei (Pleuronectiformes)	Gillnets and entangling nets (not specified), (Demersal)	Number of Vessels: 298, Licenses: 298, Participants: 298, Aquaculture Facilities: none provided	EEZ,(FAO:27 Atlantic Northeast),27.3.d.24, 27.3.d.25, 27.3.d.26,Baltic Sea (FAO 27.3d)	Gray seal (STOCK NOT SPECIFIED) Harbor porpoise (STOCK NOT SPECIFIED) Harbor seal, common seal (STOCK NOT SPECIFIED) Ringed seal (STOCK NOT SPECIFIED)	Gray seal (STOCK NOT SPECIFIED): UNKNOWN Harbor porpoise (STOCK NOT SPECIFIED): UNKNOWN Harbor seal, common seal (STOCK NOT SPECIFIED): UNKNOWN Ringed seal (STOCK NOT SPECIFIED): UNKNOWN	ICES
Northern cods nei (Gadus spp)	Pots/traps, (Bottom)	Number of Vessels: 7, Licenses: 7, Participants: 7, Aquaculture Facilities: none provided	EEZ,(FAO:27 Atlantic Northeast),27.3.d.24, 27.3.d.26,Baltic Sea (FAO 27.3d)	Gray seal (STOCK NOT SPECIFIED) Harbor porpoise (STOCK NOT SPECIFIED) Harbor seal, common seal (STOCK NOT SPECIFIED) Ringed seal (STOCK NOT SPECIFIED)	Gray seal (STOCK NOT SPECIFIED): UNKNOWN Harbor porpoise (STOCK NOT SPECIFIED): UNKNOWN Harbor seal, common seal (STOCK NOT SPECIFIED): UNKNOWN Ringed seal (STOCK NOT SPECIFIED): UNKNOWN	ICES

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Herrings/sardines nei (Clupeidae)	Trawls (not specified), (Bottom)	Number of Vessels: 15, Licenses: 15, Participants: 15, Aquaculture Facilities: none provided	EEZ,Denmark,Germany,Latvia,Lithuania,Sweden,(FAO:27 Atlantic Northeast),27.3.d.24, 27.3.d.25, 27.3.d.26,Baltic Sea (FAO 27.3d)	Gray seal (STOCK NOT SPECIFIED) Harbor porpoise (STOCK NOT SPECIFIED) Harbor seal, common seal (STOCK NOT SPECIFIED) Ringed seal (STOCK NOT SPECIFIED)	Gray seal (STOCK NOT SPECIFIED): UNKNOWN Harbor porpoise (STOCK NOT SPECIFIED): UNKNOWN Harbor seal, common seal (STOCK NOT SPECIFIED): UNKNOWN Ringed seal (STOCK NOT SPECIFIED): UNKNOWN	ICES
Northern cods nei (Gadus spp)	Trawls (not specified), (Bottom)	Number of Vessels: 112, Licenses: 112, Participants: 112, Aquaculture Facilities: none provided	EEZ,Denmark,Estonia,Germany,Latvia,Lithuania,Sweden,(FAO:27 Atlantic Northeast),27.3.d.24, 27.3.d.25, 27.3.d.26, 27.3.d.27, 27.3.d.28.2,Baltic Sea (FAO 27.3d)	Gray seal (STOCK NOT SPECIFIED) Harbor porpoise (STOCK NOT SPECIFIED) Harbor seal, common seal (STOCK NOT SPECIFIED) Ringed seal (STOCK NOT SPECIFIED)	Gray seal (STOCK NOT SPECIFIED): UNKNOWN Harbor porpoise (STOCK NOT SPECIFIED): UNKNOWN Harbor seal, common seal (STOCK NOT SPECIFIED): UNKNOWN Ringed seal (STOCK NOT SPECIFIED): UNKNOWN	ICES
Northern cods nei (Gadus spp)	Trawls (not specified), (Pelagic)	Number of Vessels: 49, Licenses: 49, Participants: 49, Aquaculture Facilities: none provided	EEZ,Denmark,Estonia,Germany,Latvia,Lithuania,Sweden,(FAO:27 Atlantic Northeast),27.3.d.24, 27.3.d.25, 27.3.d.26, 27.3.d.28.2,Baltic Sea (FAO 27.3d)	Gray seal (STOCK NOT SPECIFIED) Harbor porpoise (STOCK NOT SPECIFIED) Harbor seal, common seal (STOCK NOT SPECIFIED) Ringed seal (STOCK NOT SPECIFIED)	Gray seal (STOCK NOT SPECIFIED): UNKNOWN Harbor porpoise (STOCK NOT SPECIFIED): UNKNOWN Harbor seal, common seal (STOCK NOT SPECIFIED): UNKNOWN Ringed seal (STOCK NOT SPECIFIED): UNKNOWN	ICES
Northern cods nei (Gadus spp)	Longlines (not specified), (Demersal)	Number of Vessels: 53, Licenses: 53, Participants: 53, Aquaculture Facilities: none provided	EEZ,(FAO:27 Atlantic Northeast),27.3.d.24, 27.3.d.25,Baltic Sea (FAO 27.3d)	Gray seal (STOCK NOT SPECIFIED) Harbor porpoise (STOCK NOT SPECIFIED) Harbor seal, common seal (STOCK NOT SPECIFIED) Ringed seal (STOCK NOT SPECIFIED)	Gray seal (STOCK NOT SPECIFIED): UNKNOWN Harbor porpoise (STOCK NOT SPECIFIED): UNKNOWN Harbor seal, common seal (STOCK NOT SPECIFIED): UNKNOWN Ringed seal (STOCK NOT SPECIFIED): UNKNOWN	ICES
Northern cods nei (Gadus spp)	Gillnets and entangling nets (not specified), (Bottom)	Number of Vessels: 241, Licenses: 241, Participants: 241, Aquaculture Facilities: none provided	EEZ,(FAO:27 Atlantic Northeast),27.3.d.24, 27.3.d.25, 27.3.d.26,Baltic Sea (FAO 27.3d)	Gray seal (STOCK NOT SPECIFIED) Harbor porpoise (STOCK NOT SPECIFIED) Harbor seal, common seal (STOCK NOT SPECIFIED) Ringed seal (STOCK NOT SPECIFIED)	Gray seal (STOCK NOT SPECIFIED): UNKNOWN Harbor porpoise (STOCK NOT SPECIFIED): UNKNOWN Harbor seal, common seal (STOCK NOT SPECIFIED): UNKNOWN Ringed seal (STOCK NOT SPECIFIED): UNKNOWN	ICES
Salmonids nei (Salmonidae)	Pots/traps, (Demersal)	Number of Vessels: 30, Licenses: 30, Participants: 30, Aquaculture Facilities: none provided	EEZ,(FAO:27 Atlantic Northeast),27.3.d.24, 27.3.d.26,Baltic Sea (FAO 27.3d)	Gray seal (STOCK NOT SPECIFIED) Harbor porpoise (STOCK NOT SPECIFIED) Harbor seal, common seal (STOCK NOT SPECIFIED) Ringed seal (STOCK NOT SPECIFIED)	Gray seal (STOCK NOT SPECIFIED): UNKNOWN Harbor porpoise (STOCK NOT SPECIFIED): UNKNOWN Harbor seal, common seal (STOCK NOT SPECIFIED): UNKNOWN Ringed seal (STOCK NOT SPECIFIED): UNKNOWN	ICES
Salmonids nei (Salmonidae)	Gillnets and entangling nets (not specified), (Demersal)	Number of Vessels: 175, Licenses: 175, Participants: 175, Aquaculture Facilities: none provided	EEZ,(FAO:27 Atlantic Northeast),27.3.d.24, 27.3.d.25, 27.3.d.26,Baltic Sea (FAO 27.3d)	Gray seal (STOCK NOT SPECIFIED) Harbor porpoise (STOCK NOT SPECIFIED) Harbor seal, common seal (STOCK NOT SPECIFIED) Ringed seal (STOCK NOT SPECIFIED)	Gray seal (STOCK NOT SPECIFIED): UNKNOWN Harbor porpoise (STOCK NOT SPECIFIED): UNKNOWN Harbor seal, common seal (STOCK NOT SPECIFIED): UNKNOWN Ringed seal (STOCK NOT SPECIFIED): UNKNOWN	ICES
Salmonids nei (Salmonidae)	Longlines (not specified), (Pelagic)	Number of Vessels: 56, Licenses: 56, Participants: 56, Aquaculture Facilities: none provided	EEZ,(FAO:27 Atlantic Northeast),27.3.d.25, 27.3.d.26,Baltic Sea (FAO 27.3d)	Gray seal (STOCK NOT SPECIFIED) Harbor porpoise (STOCK NOT SPECIFIED) Harbor seal, common seal (STOCK NOT SPECIFIED) Ringed seal (STOCK NOT SPECIFIED)	Gray seal (STOCK NOT SPECIFIED): UNKNOWN Harbor porpoise (STOCK NOT SPECIFIED): UNKNOWN Harbor seal, common seal (STOCK NOT SPECIFIED): UNKNOWN Ringed seal (STOCK NOT SPECIFIED): UNKNOWN	ICES

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Atlantic horse mackerel (<i>Trachurus trachurus</i>)	Trawls (not specified), (Pelagic)	Number of Vessels: 1, Licenses: 1, Participants: 1, Aquaculture Facilities: none provided	EEZ,Namibia,(FAO:47 Atlantic Southeast),47.1.3, 47.1.4,Eastern Central Atlantic (FAO 34), Southeastern Atlantic (FAO 47)			ICCAT
Atlantic horse mackerel (<i>Trachurus trachurus</i>)	Trawls (not specified), (Pelagic)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Eastern Central Atlantic (FAO 34), Southeastern Atlantic (FAO 47)			
Chilean jack mackerel (<i>Trachurus murphyi</i>)	Trawls (not specified), (Pelagic)	Number of Vessels: 1, Licenses: 1, Participants: 1, Aquaculture Facilities: none provided	High Seas,(FAO:87 Pacific Southeast),87.2.6, 87.3.3,Southeast Pacific (FAO 87)			SPRFMO
Herrings/sardines nei (<i>Clupeidae</i>), <i>Sardinellas</i> nei (<i>Sardinella</i> spp)	Trawls (not specified), (Pelagic)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Mauritania,Eastern Central Atlantic (FAO 34)			
European hake (<i>Merluccius merluccius</i>)	Trawls (not specified), (Pelagic)	Number of Vessels: 1, Licenses: 1, Participants: 1, Aquaculture Facilities: none provided	EEZ,Namibia,(FAO:27 Atlantic Northeast, FAO:47 Atlantic Southeast),47.1.3, 47.1.4, 47.1.5,Eastern Central Atlantic (FAO 34), Southeastern Atlantic (FAO 47)			ICCAT
Saithe(=Pollock) (<i>Pollachius virens</i>)	Trawls (not specified), (Pelagic)	Number of Vessels: 2, Licenses: 2, Participants: 2, Aquaculture Facilities: none provided	High Seas,EEZ,United Kingdom,(FAO:27 Atlantic Northeast),27.2.a.1, 27.5.b.1,Northeastern Atlantic (FAO 27)			ICES
Porgies/seabreams nei (<i>Sparidae</i>)	Trawls (not specified), (Pelagic)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Eastern Central Atlantic (FAO 34), Southeastern Atlantic (FAO 47)			
Redfish (<i>Centroberyx affinis</i>)	Trawls (not specified), (Bottom)	Number of Vessels: 1, Licenses: 1, Participants: 1, Aquaculture Facilities: none provided	EEZ,Norway,(FAO:27 Atlantic Northeast),27.1.b , 27.2.a.2,Northeastern Atlantic (FAO 27)			ICES
Haddock (<i>Melanogrammus aeglefinus</i>)	Trawls (not specified), (Bottom)	Number of Vessels: 1, Licenses: 1, Participants: 1, Aquaculture Facilities: none provided	EEZ,Norway,(FAO:27 Atlantic Northeast),27.1.b , 27.2.a.2, 27.2.b.2,Northeast Atlantic (FAO 27)			ICES

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Herrings/sardines nei (Clupeidae)	Trawls (not specified), (Pelagic)	Number of Vessels: 107, Licenses: 107, Participants: 107, Aquaculture Facilities: none provided	EEZ,Denmark,Estonia,Finland,Germany,Latvia,Lithuania,Sweden,(FAO:27 Atlantic Northeast),27.3.d.24, 27.3.d.25, 27.3.d.26, 27.3.d.28.2, 27.3.d.32,Baltic Sea (FAO 27.3d)	Gray seal (STOCK NOT SPECIFIED) Harbor porpoise (STOCK NOT SPECIFIED) Harbor seal, common seal (STOCK NOT SPECIFIED) Ringed seal (STOCK NOT SPECIFIED)	Gray seal (STOCK NOT SPECIFIED): UNKNOWN Harbor porpoise (STOCK NOT SPECIFIED): UNKNOWN Harbor seal, common seal (STOCK NOT SPECIFIED): UNKNOWN Ringed seal (STOCK NOT SPECIFIED): UNKNOWN	ICES

Portugal

Exempt Fisheries						
Sea mussels nei (Mytilidae)	Aquaculture (hanging)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic Ocean (FAO zone 27)			
Albacore (Thunnus alalunga)	Pole and Lines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Cape Verde,FAO zone 34			
Seaweeds nei (Algae)	Hand collection	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic Ocean (FAO zone 27)			
Clams/etc. nei (Bivalvia)	Aquaculture (coastal - shellfish beds)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic Ocean (FAO zone 27), coastal			
Sea snails (Rapana spp)	Hand collection	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic Ocean (FAO zone 27)			
Skipjack tuna (Katsuwonus pelamis)	Handlines and hand-operated pole-and-lines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			
Export Fisheries						
Megrim (Lepidorhombus whiffiagonis)	Otter trawls (not specified), (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic Ocean (FAO zone 27)	Common dolphin, saddleback dolphin (UNKNOWN)	Common dolphin, saddleback dolphin (UNKNOWN): 0	

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Amer. plaice(=Long rough dab) (Hippoglossoides platessoides), Atlantic cod (Gadus morhua), Atlantic halibut (Hippoglossus hippoglossus), Atlantic redfishes nei (Sebastes spp), Groundfishes nei (Osteichthyes), Raja rays nei (Raja spp), Rays and skates nei (Rajidae)	Otter trawls (not specified), (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northwest Atlantic (FAO area 21)			
Atlantic mackerel (Scomber scombrus), Mackerels nei (Scombridae)	Otter trawls (not specified), (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic Ocean (FAO zone 27)	Common dolphin, saddleback dolphin (UNKNOWN)	Common dolphin, saddleback dolphin (UNKNOWN): UNKNOWN	
Blue whiting(=Poutassou) (Micromesistius poutassou)	Otter trawls (not specified), (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic Ocean (FAO zone 27)	Common dolphin, saddleback dolphin (UNKNOWN)	Common dolphin, saddleback dolphin (UNKNOWN): 0	
Black scabbardfish (Aphanopus carbo)	Set longlines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Western Africa (FAO area 34)			
Chub (Leuciscus cephalus), Jack and horse mackerels nei (Trachurus spp), Mackerels nei (Scombridae)	Purse seines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic Ocean (FAO zone 27)	Common dolphin, saddleback dolphin (UNKNOWN)	Common dolphin, saddleback dolphin (UNKNOWN): 0	
Chub (Leuciscus cephalus), Mackerels nei (Scombridae)	Drifting longlines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Western Africa (FAO area 34)			
Jack and horse mackerels nei (Trachurus spp), Mackerels nei (Scombridae)	Otter trawls (not specified), (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic Ocean (FAO zone 27)	Common dolphin, saddleback dolphin (UNKNOWN)	Common dolphin, saddleback dolphin (UNKNOWN): 0	
Common octopus (Octopus vulgaris)	Otter trawls (not specified), (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic Ocean (FAO zone 27)	Common dolphin, saddleback dolphin (UNKNOWN)	Common dolphin, saddleback dolphin (UNKNOWN): 0	
European anchovy (Engraulis encrasicolus)	Purse seines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic Ocean (FAO zone 27)	Common dolphin, saddleback dolphin (UNKNOWN)	Common dolphin, saddleback dolphin (UNKNOWN): 0	

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
European pilchard(=Sardine) (<i>Sardina pilchardus</i>), Herrings/sardines nei (<i>Clupeidae</i>)	Purse seines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic Ocean (FAO zone 27)	Common dolphin, saddleback dolphin (UNKNOWN)	Common dolphin, saddleback dolphin (UNKNOWN): 0	
Greenland halibut (<i>Reinhardtius hippoglossoides</i>), Haddock (<i>Melanogrammus aeglefinus</i>), Silver hake (<i>Merluccius bilinearis</i>)	Otter trawls (not specified), (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northwest Atlantic (FAO area 21)			
Hakes nei (<i>Merluccius</i> spp)	Otter trawls (not specified), (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic Ocean (FAO zone 27)	Common dolphin, saddleback dolphin (UNKNOWN)	Common dolphin, saddleback dolphin (UNKNOWN): 0	
White hake (<i>Urophycis tenuis</i>), Witch flounder (<i>Glyptocephalus cynoglossus</i>)	Otter trawls (not specified), (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northwest Atlantic (FAO area 21)			
Hakes nei (<i>Merluccius</i> spp)	Drifting longlines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Western Africa (FAO area 34)			
Saithe(=Pollock) (<i>Pollachius virens</i>)	Unknown/Gear not known/Not provided, (Demersal)	Number of Vessels: 100, Licenses: 2500, Participants: 5000, Aquaculture Facilities: 0	EEZ,(FAO:27 Atlantic Northeast),Northeast Atlantic Ocean (FAO zone 27)	Common dolphin, saddleback dolphin (UNKNOWN)	Common dolphin, saddleback dolphin (UNKNOWN): UNKNOWN	ICES
Norway lobster (<i>Nephrops norvegicus</i>)	Otter trawls (not specified), (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic Ocean (FAO zone 27)	Common dolphin, saddleback dolphin (UNKNOWN)	Common dolphin, saddleback dolphin (UNKNOWN): 0	
Rose shrimp (<i>Parapenaeus politus</i>)	Otter trawls (not specified), (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic Ocean (FAO zone 27)	Common dolphin, saddleback dolphin (UNKNOWN)	Common dolphin, saddleback dolphin (UNKNOWN): 0	
Blue shark (<i>Prionace glauca</i>), Shortfin mako (<i>Isurus oxyrinchus</i>), Swordfish (<i>Xiphias gladius</i>)	Drifting longlines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Southeast Atlantic Ocean (FAO area 41)			

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Blue shark (<i>Prionace glauca</i>)	Drifting longlines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Western Central Atlantic (FAO area 31)			
Blue shark (<i>Prionace glauca</i>), Shortfin mako (<i>Isurus oxyrinchus</i>), Swordfish (<i>Xiphias gladius</i>)	Drifting longlines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Southwest Atlantic Ocean (FAO area 47)			
Blue shark (<i>Prionace glauca</i>)	Drifting longlines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Western Africa (FAO area 34)			
Swordfish (<i>Xiphias gladius</i>)	Drifting longlines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Western Africa (FAO area 34)			
Bigeye tuna (<i>Thunnus obesus</i>), Blue shark (<i>Prionace glauca</i>), Shortfin mako (<i>Isurus oxyrinchus</i>), Swordfish (<i>Xiphias gladius</i>), Yellowfin tuna (<i>Thunnus albacares</i>)	Drifting longlines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Madagascar, Mauritius, Mozambique, Reunion, Seychelles, Western Indian Ocean (FAO area 51)			IOTC
Blue shark (<i>Prionace glauca</i>), Swordfish (<i>Xiphias gladius</i>)	Drifting longlines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Eastern Indian Ocean (FAO area 57)			
Blue shark (<i>Prionace glauca</i>), Shortfin mako (<i>Isurus oxyrinchus</i>), Swordfish (<i>Xiphias gladius</i>)	Drifting longlines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Southwest Pacific (FAO area 81)			
Blue shark (<i>Prionace glauca</i>), Swordfish (<i>Xiphias gladius</i>)	Drifting longlines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Western Central Pacific (FAO area 71)			
Blue shark (<i>Prionace glauca</i>), Shortfin mako (<i>Isurus oxyrinchus</i>), Swordfish (<i>Xiphias gladius</i>)	Drifting longlines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Southeast Pacific (FAO area 87)			

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Bigeye tuna (<i>Thunnus obesus</i>), Blue shark (<i>Prionace glauca</i>), Shortfin mako (<i>Isurus oxyrinchus</i>), Swordfish (<i>Xiphias gladius</i>)	Drifting longlines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Eastern Tropical Pacific Ocean, Inter-American Tropical Tuna Convention Area			IATTC
Shortfin squids nei (<i>Illex</i> spp)	Otter trawls (not specified), (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic Ocean (FAO zone 27)	Common dolphin, saddleback dolphin (UNKNOWN)	Common dolphin, saddleback dolphin (UNKNOWN): 0	
European squid (<i>Loligo vulgaris</i>)	Otter trawls (not specified), (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic Ocean (FAO zone 27)	Common dolphin, saddleback dolphin (UNKNOWN)	Common dolphin, saddleback dolphin (UNKNOWN): 0	
Yellowfin tuna (<i>Thunnus albacares</i>)	Drifting longlines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Cape Verde, Ivory Coast, Western Africa (FAO area 34)			
Albacore (<i>Thunnus alalunga</i>), Bigeye tuna (<i>Thunnus obesus</i>)	Set longlines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Cape Verde, Ivory Coast, Western Africa (FAO area 34)	Striped dolphin (UNKNOWN)	Striped dolphin (UNKNOWN): 0	
Atlantic bluefin tuna (<i>Thunnus thynnus</i>)	Barriers, fences, weirs, etc.	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic Ocean (FAO zone 27)	Common dolphin, saddleback dolphin (UNKNOWN)	Common dolphin, saddleback dolphin (UNKNOWN): 0	
Anglerfishes nei (<i>Lophiidae</i>), European hake (<i>Merluccius merluccius</i>), Rays/stingrays/mantas nei (<i>Rajiformes</i>)	Gillnets and entangling nets (not specified), (Demersal)	Number of Vessels: 2500, Licenses: 2500, Participants: 5000, Aquaculture Facilities: 0	EEZ, (FAO:27 Atlantic Northeast), Northeast Atlantic Ocean (FAO zone 27)	Common dolphin, saddleback dolphin (UNKNOWN)	Common dolphin, saddleback dolphin (UNKNOWN): UNKNOWN	ICES
Cuttlefishes nei (<i>Sepia</i> spp), Marine crabs nei (<i>Brachyura</i>), multispecies fishery unspecified (<i>Osteichthyes</i>)	Pots/traps	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic Ocean (FAO zone 27)			
Eels/morays/congers nei (<i>Anguilliformes</i>)	Pots/traps	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic Ocean (FAO zone 27)			

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Atlantic redfishes nei (Sebastes spp)	Otter trawls (not specified), (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic Ocean (FAO zone 27), Northwest Atlantic (FAO area 21)			
Homarus lobsters nei (Homarus spp), Rock lobsters nei (Jasus spp)	Pots/traps	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			
Marine crustaceans nei (Crustacea)	Pots/traps	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Mauritania,FAO Area 34, Mauritania EEZ			
Striped soldier shrimp (Plesionika edwardsii)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Mediterranean Sea (FAO area 37)			

Romania

Exempt Fisheries						
Marine crustaceans nei (Crustacea), Sea mussels nei (Mytilidae)	Aquaculture (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			
Export Fisheries						
Atlantic salmon (Salmo salar)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			

Russian Federation

Exempt Fisheries						
Buccinum spp (Buccinum spp), Kaga whelk (Buccinum bayani)	Towed dredges, (Bottom)	UNKNOWN	EEZ,(FAO:61 Pacific Northwest),Far East, Sea of Okhotsk, Sea of Japan	Beluga, white whale (Sea of Okhotsk) Killer whale, orca (Sea of Okhotsk) Northern fur seal (Sea of Okhotsk)	Beluga, white whale (Sea of Okhotsk): NOT PROVIDED Killer whale, orca (Sea of Okhotsk): NOT PROVIDED Northern fur seal (Sea of Okhotsk): NOT PROVIDED	
Atlantic surf clam (Spisula solidissima), Clams/etc. nei (Bivalvia), Flat and cupped oysters nei (Ostreidae), Pacific geoduck (Panopea generosa), Razor clams/knife clams nei (Solenidae), Sand gaper (Mya arenaria), Sea mussels nei (Mytilidae)	Diving (not specified), (Bottom)	UNKNOWN	EEZ,(FAO:61 Pacific Northwest),Far East, Sea of Japan, Sea of Okhotsk			

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO NEAFC
Blue whiting(=Poutassou) (Micromesistius poutassou), Demersal fishes nei (Osteichthyes), Haddock (Melanogrammus aeglefinus), Herrings/sardines nei (Clupeidae), Mackerels nei (Scombridae), Redfish (Centroberyx affinis)	Hooks and lines (not specified), (Demersal)	UNKNOWN	EEZ,(FAO:27 Atlantic Northeast),North-East Atlantic Fisheries Commission Regulatory Area, FAO 27	Atlantic white-sided dolphin (UNKNOWN) Bearded seal (UNKNOWN) Beluga, white whale (UNKNOWN) Blue whale (UNKNOWN) Bowhead whale, Greenland whale (UNKNOWN) Common bottlenose dolphin (UNKNOWN) Common dolphin, saddleback dolphin (UNKNOWN) Fin whale (UNKNOWN) Gray seal (UNKNOWN) Harbor porpoise (UNKNOWN) Harbor seal, common seal (UNKNOWN) Harp seal (UNKNOWN) Hooded seal (UNKNOWN) Humpback whale (UNKNOWN) Killer whale, orca (UNKNOWN) Narwhal (UNKNOWN) North Atlantic minke whale (UNKNOWN) North Atlantic right whale (UNKNOWN) Ringed seal (UNKNOWN) Sei whale (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Striped dolphin (UNKNOWN) Walrus (UNKNOWN) White-beaked dolphin (UNKNOWN) pilot whale unspecified (UNKNOWN)	Atlantic white-sided dolphin (UNKNOWN): NOT PROVIDED Bearded seal (UNKNOWN): NOT PROVIDED Beluga, white whale (UNKNOWN): NOT PROVIDED Blue whale (UNKNOWN): NOT PROVIDED Bowhead whale, Greenland whale (UNKNOWN): NOT PROVIDED Common bottlenose dolphin (UNKNOWN): NOT PROVIDED Common dolphin, saddleback dolphin (UNKNOWN): NOT PROVIDED Fin whale (UNKNOWN): NOT PROVIDED Gray seal (UNKNOWN): NOT PROVIDED Harbor porpoise (UNKNOWN): NOT PROVIDED Harbor seal, common seal (UNKNOWN): NOT PROVIDED Harp seal (UNKNOWN): NOT PROVIDED Hooded seal (UNKNOWN): NOT PROVIDED Humpback whale (UNKNOWN): NOT PROVIDED Killer whale, orca (UNKNOWN): NOT PROVIDED Narwhal (UNKNOWN): NOT PROVIDED North Atlantic minke whale (UNKNOWN): NOT PROVIDED North Atlantic right whale (UNKNOWN): NOT PROVIDED Ringed seal (UNKNOWN): NOT PROVIDED Sei whale (UNKNOWN): NOT PROVIDED Sperm whale, cachalot (UNKNOWN): NOT PROVIDED Striped dolphin (UNKNOWN): NOT PROVIDED Walrus (UNKNOWN): NOT PROVIDED White-beaked dolphin (UNKNOWN): NOT PROVIDED pilot whale unspecified (UNKNOWN): NOT PROVIDED	
Scallop (Chlamys livida)	Towed dredges, (Bottom)	Number of Vessels: 5, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Kurile Islands & Sea of Japan	Harbor seal, common seal (Far East)	Harbor seal, common seal (Far East): NOT PROVIDED	
Sea urchins nei (Strongylocentrotus spp)	Diving (not specified), (Bottom)	UNKNOWN	EEZ,(FAO:61 Pacific Northwest),Kurile Islands & Sea of Japan			
Antarctic krill (Euphausia superba)	Midwater trawls (not specified), (Midwater)	UNKNOWN	High Seas,EEZ,(FAO:48 Atlantic Antarctic),Antarctic Peninsula Subareas 48.1-4			CCAMLR
toothfishes nei (Dissostichus spp)	Longlines (not specified), (Demersal)	Number of Vessels: 3, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	High Seas,EEZ,(FAO:88 Pacific Antarctic),Subarea 88.1-2			CCAMLR

Export Fisheries						
Atlantic halibut (Hippoglossus hippoglossus), Flatfishes nei (Pleuronectiformes), Gobies nei (Gobiidae), Groupers nei (Epinephelus spp), Groupers/seabasses nei (Serranidae), Haddock (Melanogrammus aeglefinus), Mackerels nei (Scombridae), Northern cods nei (Gadus spp), Righteye flounders nei (Pleuronectidae), Snappers nei (Lutjanus spp), Turbot (Psetta maxima)	Bottom trawls (not specified), (Demersal)	Number of Vessels: 21, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Russian Far East	Common minke whale (Far East) Dall's porpoise, Dall porpoise (UNKNOWN) Harbor porpoise (UNKNOWN) Killer whale, orca (Sea of Okhotsk) Pacific white-sided dolphin (UNKNOWN)	Common minke whale (Far East): NOT PROVIDED Dall's porpoise, Dall porpoise (UNKNOWN): NOT PROVIDED Harbor porpoise (UNKNOWN): NOT PROVIDED Killer whale, orca (Sea of Okhotsk): NOT PROVIDED Pacific white-sided dolphin (UNKNOWN): NOT PROVIDED	
Atlantic halibut (Hippoglossus hippoglossus), Flatfishes nei (Pleuronectiformes), Gobies nei (Gobiidae), Groupers nei (Epinephelus spp), Groupers/seabasses nei (Serranidae), Haddock (Melanogrammus aeglefinus), Mackerels nei (Scombridae), Northern cods nei (Gadus spp), Righteye flounders nei (Pleuronectidae), Snappers nei (Lutjanus spp), Turbot (Psetta maxima)	Danish seines, (Demersal)	Number of Vessels: 13, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Russian Far East			

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Pacific herring (<i>Clupea pallasii</i>)	Midwater trawls (not specified), (Pelagic)	Number of Vessels: 38, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Western Bering Sea, Pacific Northwest (FAO Area 61)			
Haddock (<i>Melanogrammus aeglefinus</i>), Northern cods nei (<i>Gadus spp</i>)	Bottom trawls (not specified), (Demersal)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Russian EEZ, Barents Sea, FAO Area 21			
Salmonids nei (<i>Salmonidae</i>)	Set gillnets/set nets (anchored), (Bottom)	UNKNOWN	EEZ,(FAO:61 Pacific Northwest),Russian Far East	Baird's beaked whale (UNKNOWN) Dall's porpoise, Dall porpoise (UNKNOWN) Harbor porpoise (UNKNOWN)	Baird's beaked whale (UNKNOWN): NOT PROVIDED Dall's porpoise, Dall porpoise (UNKNOWN): NOT PROVIDED Harbor porpoise (UNKNOWN): NOT PROVIDED	
Salmonids nei (<i>Salmonidae</i>)	Gillnets and entangling nets (not specified), (Bottom)	UNKNOWN	EEZ,(FAO:61 Pacific Northwest),Russian Far East	Baird's beaked whale (UNKNOWN) Dall's porpoise, Dall porpoise (UNKNOWN) Harbor porpoise (UNKNOWN)	Baird's beaked whale (UNKNOWN): NOT PROVIDED Dall's porpoise, Dall porpoise (UNKNOWN): NOT PROVIDED Harbor porpoise (UNKNOWN): NOT PROVIDED	
Salmonids nei (<i>Salmonidae</i>)	Fish pots/fish traps, (Bottom)	UNKNOWN	EEZ,(FAO:61 Pacific Northwest),Russian Far East	Baird's beaked whale (UNKNOWN) Dall's porpoise, Dall porpoise (UNKNOWN) Harbor porpoise (UNKNOWN)	Baird's beaked whale (UNKNOWN): NOT PROVIDED Dall's porpoise, Dall porpoise (UNKNOWN): NOT PROVIDED Harbor porpoise (UNKNOWN): NOT PROVIDED	
Pacific saury (<i>Cololabis saira</i>)	Other (Please Specify) stick-held dip net/purse seine, (Surface)	Number of Vessels: 27 (average for three years), Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,Japan,(FAO:61 Pacific Northwest),Sea of Japan & western North Pacific			NPFC
Blue whiting(=Poutassou) (<i>Micromesistius poutassou</i>), Demersal fishes nei (<i>Osteichthyes</i>), Haddock (<i>Melanogrammus aeglefinus</i>), Herrings/sardines nei (<i>Clupeidae</i>), Mackerels nei (<i>Scombridae</i>), Redfish (<i>Centroberyx affinis</i>)	Bottom trawls (not specified), (Demersal)	UNKNOWN	EEZ,(FAO:27 Atlantic Northeast),North-East Atlantic Fisheries Commission Regulatory Area, FAO 27	Bearded seal (UNKNOWN) Beluga, white whale (UNKNOWN) Blue whale (UNKNOWN) Bowhead whale, Greenland whale (UNKNOWN) Common bottlenose dolphin (UNKNOWN) Common dolphin, saddleback dolphin (UNKNOWN) Fin whale (UNKNOWN) Gray seal (UNKNOWN) Harbor porpoise (UNKNOWN) Harbor seal, common seal (UNKNOWN) Harp seal (UNKNOWN) Hooded seal (UNKNOWN) Humpback whale (UNKNOWN) Killer whale, orca (UNKNOWN) Narwhal (UNKNOWN) North Atlantic minke whale (UNKNOWN) North Atlantic right whale (UNKNOWN) Northern bottlenose whale (UNKNOWN) Ringed seal (UNKNOWN) Sei whale (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Striped dolphin (UNKNOWN) Walrus (UNKNOWN) White-beaked dolphin (UNKNOWN) pilot whale unspecified (UNKNOWN)	Bearded seal (UNKNOWN): NOT PROVIDED Beluga, white whale (UNKNOWN): NOT PROVIDED Blue whale (UNKNOWN): NOT PROVIDED Bowhead whale, Greenland whale (UNKNOWN): NOT PROVIDED Common bottlenose dolphin (UNKNOWN): NOT PROVIDED Common dolphin, saddleback dolphin (UNKNOWN): NOT PROVIDED Fin whale (UNKNOWN): NOT PROVIDED Gray seal (UNKNOWN): NOT PROVIDED Harbor porpoise (UNKNOWN): NOT PROVIDED Harbor seal, common seal (UNKNOWN): NOT PROVIDED Harp seal (UNKNOWN): NOT PROVIDED Hooded seal (UNKNOWN): NOT PROVIDED Humpback whale (UNKNOWN): NOT PROVIDED Killer whale, orca (UNKNOWN): NOT PROVIDED Narwhal (UNKNOWN): NOT PROVIDED North Atlantic minke whale (UNKNOWN): NOT PROVIDED North Atlantic right whale (UNKNOWN): NOT PROVIDED Northern bottlenose whale (UNKNOWN): NOT PROVIDED Ringed seal (UNKNOWN): NOT PROVIDED Sei whale (UNKNOWN): NOT PROVIDED Sperm whale, cachalot (UNKNOWN): NOT PROVIDED Striped dolphin (UNKNOWN): NOT PROVIDED Walrus (UNKNOWN): NOT PROVIDED White-beaked dolphin (UNKNOWN): NOT PROVIDED pilot whale unspecified (UNKNOWN): NOT PROVIDED	NEAFC

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Blue whiting(=Poutassou) (Micromesistius poutassou), Demersal fishes nei (Osteichthyes), Haddock (Melanogrammus aeglefinus), Herrings/sardines nei (Clupeidae), Mackerels nei (Scombridae), Redfish (Centroberyx affinis)	Midwater trawls (not specified), (Pelagic)	UNKNOWN	EEZ,(FAO:27 Atlantic Northeast),North-East Atlantic Fisheries Commission Regulatory Area, FAO 27	Atlantic white-sided dolphin (UNKNOWN) Bearded seal (UNKNOWN) Beluga, white whale (UNKNOWN) Blue whale (UNKNOWN) Bowhead whale, Greenland whale (UNKNOWN) Common bottlenose dolphin (UNKNOWN) Common dolphin, saddleback dolphin (UNKNOWN) Fin whale (UNKNOWN) Gray seal (UNKNOWN) Harbor porpoise (UNKNOWN) Harbor seal, common seal (UNKNOWN) Harp seal (UNKNOWN) Hooded seal (UNKNOWN) Humpback whale (UNKNOWN) Killer whale, orca (UNKNOWN) Narwhal (UNKNOWN) North Atlantic minke whale (UNKNOWN) North Atlantic right whale (UNKNOWN) Ringed seal (UNKNOWN) Sei whale (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Striped dolphin (UNKNOWN) Walrus (UNKNOWN) White-beaked dolphin (UNKNOWN) pilot whale unspecified (UNKNOWN)	Atlantic white-sided dolphin (UNKNOWN): NOT PROVIDED Bearded seal (UNKNOWN): NOT PROVIDED Beluga, white whale (UNKNOWN): NOT PROVIDED Blue whale (UNKNOWN): NOT PROVIDED Bowhead whale, Greenland whale (UNKNOWN): NOT PROVIDED Common bottlenose dolphin (UNKNOWN): NOT PROVIDED Common dolphin, saddleback dolphin (UNKNOWN): NOT PROVIDED Fin whale (UNKNOWN): NOT PROVIDED Gray seal (UNKNOWN): NOT PROVIDED Harbor porpoise (UNKNOWN): NOT PROVIDED Harbor seal, common seal (UNKNOWN): NOT PROVIDED Harp seal (UNKNOWN): NOT PROVIDED Hooded seal (UNKNOWN): NOT PROVIDED Humpback whale (UNKNOWN): NOT PROVIDED Killer whale, orca (UNKNOWN): NOT PROVIDED Narwhal (UNKNOWN): NOT PROVIDED North Atlantic minke whale (UNKNOWN): NOT PROVIDED North Atlantic right whale (UNKNOWN): NOT PROVIDED Ringed seal (UNKNOWN): NOT PROVIDED Sei whale (UNKNOWN): NOT PROVIDED Sperm whale, cachalot (UNKNOWN): NOT PROVIDED Striped dolphin (UNKNOWN): NOT PROVIDED Walrus (UNKNOWN): NOT PROVIDED White-beaked dolphin (UNKNOWN): NOT PROVIDED pilot whale unspecified (UNKNOWN): NOT PROVIDED	NEAFC
Blue whiting(=Poutassou) (Micromesistius poutassou), Demersal fishes nei (Osteichthyes), Haddock (Melanogrammus aeglefinus), Herrings/sardines nei (Clupeidae), Mackerels nei (Scombridae), Redfish (Centroberyx affinis)	Purse seines, (Demersal)	UNKNOWN	EEZ,(FAO:27 Atlantic Northeast),North-East Atlantic Fisheries Commission Regulatory Area, FAO 27	Atlantic white-sided dolphin (UNKNOWN) Bearded seal (UNKNOWN) Beluga, white whale (UNKNOWN) Blue whale (UNKNOWN) Bowhead whale, Greenland whale (UNKNOWN) Common bottlenose dolphin (STOCK NOT SPECIFIED) Common dolphin, saddleback dolphin (UNKNOWN) Fin whale (UNKNOWN) Gray seal (UNKNOWN) Harbor porpoise (UNKNOWN) Harbor seal, common seal (UNKNOWN) Harp seal (UNKNOWN) Hooded seal (UNKNOWN) Humpback whale (UNKNOWN) Killer whale, orca (UNKNOWN) Narwhal (UNKNOWN) North Atlantic minke whale (UNKNOWN) North Atlantic right whale (UNKNOWN) Northern bottlenose whale (UNKNOWN) Ringed seal (UNKNOWN) Sei whale (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Striped dolphin (UNKNOWN) Walrus (UNKNOWN) White-beaked dolphin (UNKNOWN) pilot whale unspecified (UNKNOWN)	Atlantic white-sided dolphin (UNKNOWN): NOT PROVIDED Bearded seal (UNKNOWN): NOT PROVIDED Beluga, white whale (UNKNOWN): NOT PROVIDED Blue whale (UNKNOWN): NOT PROVIDED Bowhead whale, Greenland whale (UNKNOWN): NOT PROVIDED Common bottlenose dolphin (STOCK NOT SPECIFIED): NOT PROVIDED Common dolphin, saddleback dolphin (UNKNOWN): NOT PROVIDED Fin whale (UNKNOWN): NOT PROVIDED Gray seal (UNKNOWN): NOT PROVIDED Harbor porpoise (UNKNOWN): NOT PROVIDED Harbor seal, common seal (UNKNOWN): NOT PROVIDED Harp seal (UNKNOWN): NOT PROVIDED Hooded seal (UNKNOWN): NOT PROVIDED Humpback whale (UNKNOWN): NOT PROVIDED Killer whale, orca (UNKNOWN): NOT PROVIDED Narwhal (UNKNOWN): NOT PROVIDED North Atlantic minke whale (UNKNOWN): NOT PROVIDED North Atlantic right whale (UNKNOWN): NOT PROVIDED Northern bottlenose whale (UNKNOWN): NOT PROVIDED Ringed seal (UNKNOWN): NOT PROVIDED Sei whale (UNKNOWN): NOT PROVIDED Sperm whale, cachalot (UNKNOWN): NOT PROVIDED Striped dolphin (UNKNOWN): NOT PROVIDED Walrus (UNKNOWN): NOT PROVIDED White-beaked dolphin (UNKNOWN): NOT PROVIDED pilot whale unspecified (UNKNOWN): NOT PROVIDED	NEAFC

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Blue whiting(=Poutassou) (Micromesistius poutassou), Demersal fishes nei (Osteichthyes), Haddock (Melanogrammus aeglefinus), Herrings/sardines nei (Clupeidae), Mackerels nei (Scombridae), Redfish (Centroberyx affinis)	Scottish seines, (Demersal)	UNKNOWN	EEZ,(FAO:27 Atlantic Northeast),North-East Atlantic Fisheries Commission Regulatory Area, FAO 27	Atlantic white-sided dolphin (UNKNOWN) Bearded seal (UNKNOWN) Beluga, white whale (UNKNOWN) Blue whale (UNKNOWN) Bowhead whale, Greenland whale (UNKNOWN) Common bottlenose dolphin (STOCK NOT SPECIFIED) Common bottlenose dolphin (UNKNOWN) Common dolphin, saddleback dolphin (UNKNOWN) Fin whale (North Pacific) Gray seal (UNKNOWN) Harbor porpoise (UNKNOWN) Harbor seal, common seal (UNKNOWN) Harp seal (UNKNOWN) Hooded seal (UNKNOWN) Humpback whale (UNKNOWN) Killer whale, orca (UNKNOWN) Narwhal (UNKNOWN) North Atlantic minke whale (UNKNOWN) North Atlantic right whale (UNKNOWN) Northern bottlenose whale (UNKNOWN) Ringed seal (UNKNOWN) Sei whale (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Striped dolphin (UNKNOWN) Walrus (UNKNOWN) White-beaked dolphin (UNKNOWN) pilot whale unspecified (UNKNOWN)	Atlantic white-sided dolphin (UNKNOWN): NOT PROVIDED Bearded seal (UNKNOWN): NOT PROVIDED Beluga, white whale (UNKNOWN): NOT PROVIDED Blue whale (UNKNOWN): NOT PROVIDED Bowhead whale, Greenland whale (UNKNOWN): NOT PROVIDED Common bottlenose dolphin (STOCK NOT SPECIFIED): NOT PROVIDED Common bottlenose dolphin (UNKNOWN): NOT PROVIDED Common dolphin, saddleback dolphin (UNKNOWN): NOT PROVIDED Fin whale (North Pacific): NOT PROVIDED Gray seal (UNKNOWN): NOT PROVIDED Harbor porpoise (UNKNOWN): NOT PROVIDED Harbor seal, common seal (UNKNOWN): NOT PROVIDED Harp seal (UNKNOWN): NOT PROVIDED Hooded seal (UNKNOWN): NOT PROVIDED Humpback whale (UNKNOWN): NOT PROVIDED Killer whale, orca (UNKNOWN): NOT PROVIDED Narwhal (UNKNOWN): NOT PROVIDED North Atlantic minke whale (UNKNOWN): NOT PROVIDED North Atlantic right whale (UNKNOWN): NOT PROVIDED Northern bottlenose whale (UNKNOWN): NOT PROVIDED Ringed seal (UNKNOWN): NOT PROVIDED Sei whale (UNKNOWN): NOT PROVIDED Sperm whale, cachalot (UNKNOWN): NOT PROVIDED Striped dolphin (UNKNOWN): NOT PROVIDED Walrus (UNKNOWN): NOT PROVIDED White-beaked dolphin (UNKNOWN): NOT PROVIDED pilot whale unspecified (UNKNOWN): NOT PROVIDED	NEAFC
Blue whiting(=Poutassou) (Micromesistius poutassou), Demersal fishes nei (Osteichthyes), Haddock (Melanogrammus aeglefinus), Herrings/sardines nei (Clupeidae), Mackerels nei (Scombridae), Redfish (Centroberyx affinis)	Gillnets and entangling nets (not specified), (Midwater)	UNKNOWN	EEZ,(FAO:27 Atlantic Northeast),North-East Atlantic Fisheries Commission Regulatory Area, FAO 27	Bearded seal (UNKNOWN) Blue whale (UNKNOWN) Caspian seal (STOCK NOT SPECIFIED) Common bottlenose dolphin (UNKNOWN) Common dolphin, saddleback dolphin (UNKNOWN) Fin whale (UNKNOWN) Gray seal (UNKNOWN) Harbor porpoise (UNKNOWN) Harp seal (UNKNOWN) Humpback whale (UNKNOWN) Killer whale, orca (UNKNOWN) Narwhal (UNKNOWN) North Atlantic minke whale (UNKNOWN) North Atlantic right whale (UNKNOWN) Northern bottlenose whale (UNKNOWN) Ringed seal (UNKNOWN) Sei whale (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Striped dolphin (UNKNOWN) Walrus (UNKNOWN) White-beaked dolphin (UNKNOWN) pilot whale unspecified (UNKNOWN)	Bearded seal (UNKNOWN): NOT PROVIDED Blue whale (UNKNOWN): NOT PROVIDED Caspian seal (STOCK NOT SPECIFIED): NOT PROVIDED Common bottlenose dolphin (UNKNOWN): NOT PROVIDED Common dolphin, saddleback dolphin (UNKNOWN): NOT PROVIDED Fin whale (UNKNOWN): NOT PROVIDED Gray seal (UNKNOWN): NOT PROVIDED Harbor porpoise (UNKNOWN): NOT PROVIDED Harp seal (UNKNOWN): NOT PROVIDED Humpback whale (UNKNOWN): NOT PROVIDED Killer whale, orca (UNKNOWN): NOT PROVIDED Narwhal (UNKNOWN): NOT PROVIDED North Atlantic minke whale (UNKNOWN): NOT PROVIDED North Atlantic right whale (UNKNOWN): NOT PROVIDED Northern bottlenose whale (UNKNOWN): NOT PROVIDED Ringed seal (UNKNOWN): NOT PROVIDED Sei whale (UNKNOWN): NOT PROVIDED Sperm whale, cachalot (UNKNOWN): NOT PROVIDED Striped dolphin (UNKNOWN): NOT PROVIDED Walrus (UNKNOWN): NOT PROVIDED White-beaked dolphin (UNKNOWN): NOT PROVIDED pilot whale unspecified (UNKNOWN): NOT PROVIDED	NEAFC

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Blue whiting(=Poutassou) (Micromesistius poutassou), Demersal fishes nei (Osteichthyes), Haddock (Melanogrammus aeglefinus), Herrings/sardines nei (Clupeidae), Mackerels nei (Scombridae), Redfish (Centroberyx affinis)	tangle nets, (Midwater)	UNKNOWN	EEZ,(FAO:27 Atlantic Northeast),North-East Atlantic Fisheries Commission Regulatory Area, FAO 27	Atlantic white-sided dolphin (UNKNOWN) Bearded seal (UNKNOWN) Beluga, white whale (UNKNOWN) Blue whale (UNKNOWN) Bowhead whale, Greenland whale (UNKNOWN) Common bottlenose dolphin (UNKNOWN) Common dolphin, saddleback dolphin (UNKNOWN) Fin whale (UNKNOWN) Gray seal (UNKNOWN) Harbor porpoise (UNKNOWN) Harp seal (UNKNOWN) Hooded seal (UNKNOWN) Humpback whale (UNKNOWN) Killer whale, orca (UNKNOWN) Narwhal (UNKNOWN) North Atlantic minke whale (UNKNOWN) North Atlantic right whale (UNKNOWN) Northern bottlenose whale (UNKNOWN) Ringed seal (UNKNOWN) Sei whale (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Striped dolphin (UNKNOWN) Walrus (UNKNOWN) White-beaked dolphin (UNKNOWN) pilot whale unspecified (UNKNOWN)	Atlantic white-sided dolphin (UNKNOWN): NOT PROVIDED Bearded seal (UNKNOWN): NOT PROVIDED Beluga, white whale (UNKNOWN): NOT PROVIDED Blue whale (UNKNOWN): NOT PROVIDED Bowhead whale, Greenland whale (UNKNOWN): NOT PROVIDED Common bottlenose dolphin (UNKNOWN): NOT PROVIDED Common dolphin, saddleback dolphin (UNKNOWN): NOT PROVIDED Fin whale (UNKNOWN): NOT PROVIDED Gray seal (UNKNOWN): NOT PROVIDED Harbor porpoise (UNKNOWN): NOT PROVIDED Harp seal (UNKNOWN): NOT PROVIDED Hooded seal (UNKNOWN): NOT PROVIDED Humpback whale (UNKNOWN): NOT PROVIDED Killer whale, orca (UNKNOWN): NOT PROVIDED Narwhal (UNKNOWN): NOT PROVIDED North Atlantic minke whale (UNKNOWN): NOT PROVIDED North Atlantic right whale (UNKNOWN): NOT PROVIDED Northern bottlenose whale (UNKNOWN): NOT PROVIDED Ringed seal (UNKNOWN): NOT PROVIDED Sei whale (UNKNOWN): NOT PROVIDED Sperm whale, cachalot (UNKNOWN): NOT PROVIDED Striped dolphin (UNKNOWN): NOT PROVIDED Walrus (UNKNOWN): NOT PROVIDED White-beaked dolphin (UNKNOWN): NOT PROVIDED pilot whale unspecified (UNKNOWN): NOT PROVIDED	NEAFC
Blue whiting(=Poutassou) (Micromesistius poutassou), Demersal fishes nei (Osteichthyes), Haddock (Melanogrammus aeglefinus), Herrings/sardines nei (Clupeidae), Mackerels nei (Scombridae), Redfish (Centroberyx affinis)	Driftnets, (Surface)	UNKNOWN	EEZ,(FAO:27 Atlantic Northeast),North-East Atlantic Fisheries Commission Regulatory Area, FAO 27	Atlantic white-sided dolphin (UNKNOWN) Bearded seal (UNKNOWN) Beluga, white whale (UNKNOWN) Blue whale (UNKNOWN) Bowhead whale, Greenland whale (UNKNOWN) Common bottlenose dolphin (UNKNOWN) Common dolphin, saddleback dolphin (UNKNOWN) Fin whale (UNKNOWN) Gray seal (UNKNOWN) Harbor porpoise (UNKNOWN) Harbor seal, common seal (UNKNOWN) Harp seal (UNKNOWN) Hooded seal (UNKNOWN) Humpback whale (UNKNOWN) Killer whale, orca (UNKNOWN) Narwhal (UNKNOWN) North Atlantic minke whale (UNKNOWN) North Atlantic right whale (UNKNOWN) Northern bottlenose whale (UNKNOWN) Ringed seal (UNKNOWN) Sei whale (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Striped dolphin (UNKNOWN) Walrus (UNKNOWN) White-beaked dolphin (UNKNOWN) pilot whale unspecified (UNKNOWN)	Atlantic white-sided dolphin (UNKNOWN): NOT PROVIDED Bearded seal (UNKNOWN): NOT PROVIDED Beluga, white whale (UNKNOWN): NOT PROVIDED Blue whale (UNKNOWN): NOT PROVIDED Bowhead whale, Greenland whale (UNKNOWN): NOT PROVIDED Common bottlenose dolphin (UNKNOWN): NOT PROVIDED Common dolphin, saddleback dolphin (UNKNOWN): NOT PROVIDED Fin whale (UNKNOWN): NOT PROVIDED Gray seal (UNKNOWN): NOT PROVIDED Harbor porpoise (UNKNOWN): NOT PROVIDED Harbor seal, common seal (UNKNOWN): NOT PROVIDED Harp seal (UNKNOWN): NOT PROVIDED Hooded seal (UNKNOWN): NOT PROVIDED Humpback whale (UNKNOWN): NOT PROVIDED Killer whale, orca (UNKNOWN): NOT PROVIDED Narwhal (UNKNOWN): NOT PROVIDED North Atlantic minke whale (UNKNOWN): NOT PROVIDED North Atlantic right whale (UNKNOWN): NOT PROVIDED Northern bottlenose whale (UNKNOWN): NOT PROVIDED Ringed seal (UNKNOWN): NOT PROVIDED Sei whale (UNKNOWN): NOT PROVIDED Sperm whale, cachalot (UNKNOWN): NOT PROVIDED Striped dolphin (UNKNOWN): NOT PROVIDED Walrus (UNKNOWN): NOT PROVIDED White-beaked dolphin (UNKNOWN): NOT PROVIDED pilot whale unspecified (UNKNOWN): NOT PROVIDED	NEAFC

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Atlantic halibut (<i>Hippoglossus hippoglossus</i>), Groundfishes nei (<i>Osteichthyes</i>), Hakes nei (<i>Merluccius spp</i>), Northern cods nei (<i>Gadus spp</i>), Rays and skates nei (<i>Rajidae</i>), Redfish (<i>Centroberyx affinis</i>), Various squids nei (<i>Loliginidae</i> , <i>Ommastrephidae</i>), Witch flounder (<i>Glyptocephalus cynoglossus</i>)	Bottom trawls (not specified), (Bottom)	UNKNOWN	EEZ,(FAO:21 Atlantic Northwest),North Atlantic Fishery Organization (NAFO) Regulatory Area	Atlantic white-sided dolphin (UNKNOWN) Bearded seal (UNKNOWN) Beluga, white whale (UNKNOWN) Blue whale (UNKNOWN) Bowhead whale, Greenland whale (UNKNOWN) Common bottlenose dolphin (UNKNOWN) Common dolphin, saddleback dolphin (UNKNOWN) Fin whale (UNKNOWN) Gray seal (UNKNOWN) Harp seal (UNKNOWN) Hooded seal (UNKNOWN) Humpback whale (UNKNOWN) Killer whale, orca (UNKNOWN) North Atlantic minke whale (UNKNOWN) North Atlantic right whale (UNKNOWN) Northern bottlenose whale (UNKNOWN) Ringed seal (UNKNOWN) Sei whale (UNKNOWN) Sperm whale, cachalot (UNKNOWN) White-beaked dolphin (UNKNOWN) pilot whale unspecified (UNKNOWN)	Atlantic white-sided dolphin (UNKNOWN): NOT PROVIDED Bearded seal (UNKNOWN): NOT PROVIDED Beluga, white whale (UNKNOWN): NOT PROVIDED Blue whale (UNKNOWN): NOT PROVIDED Bowhead whale, Greenland whale (UNKNOWN): NOT PROVIDED Common bottlenose dolphin (UNKNOWN): NOT PROVIDED Common dolphin, saddleback dolphin (UNKNOWN): NOT PROVIDED Fin whale (UNKNOWN): NOT PROVIDED Gray seal (UNKNOWN): NOT PROVIDED Harp seal (UNKNOWN): NOT PROVIDED Hooded seal (UNKNOWN): NOT PROVIDED Humpback whale (UNKNOWN): NOT PROVIDED Killer whale, orca (UNKNOWN): NOT PROVIDED North Atlantic minke whale (UNKNOWN): NOT PROVIDED North Atlantic right whale (UNKNOWN): NOT PROVIDED Northern bottlenose whale (UNKNOWN): NOT PROVIDED Ringed seal (UNKNOWN): NOT PROVIDED Sei whale (UNKNOWN): NOT PROVIDED Sperm whale, cachalot (UNKNOWN): NOT PROVIDED White-beaked dolphin (UNKNOWN): NOT PROVIDED pilot whale unspecified (UNKNOWN): NOT PROVIDED	NAFO
Swordfish (<i>Xiphias gladius</i>), Tunas nei (<i>Thunnini</i>)	Purse seines, (Midwater)	UNKNOWN	EEZ,(FAO:58 Antarctic and Southern Indian Ocean , FAO:57 Indian Ocean Eastern, FAO:51 Indian Ocean Western),Western Indian Ocean	Bryde's whale (UNKNOWN) Common minke whale (Far East) Pygmy blue whale (UNKNOWN) Sei whale (North Pacific)	Bryde's whale (UNKNOWN): NOT PROVIDED Common minke whale (Far East): NOT PROVIDED Pygmy blue whale (UNKNOWN): NOT PROVIDED Sei whale (North Pacific): NOT PROVIDED	IOTC
Pelagic armourhead (<i>Pseudopentaceros richardsoni</i>), Splendid alfonso (Beryx splendens)	Bottom trawls (not specified), (Bottom)	Number of Vessels: 26, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	High Seas,(FAO:77 Pacific Eastern Central, FAO:67 Pacific Northeast, FAO:61 Pacific Northwest, FAO:71 Pacific Western Central),high seas North Pacific			NPFC
Sablefish (<i>Anoplopoma fimbria</i>)	Longlines (not specified), (Demersal)	Number of Vessels: 1, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	High Seas,(FAO:77 Pacific Eastern Central, FAO:67 Pacific Northeast, FAO:61 Pacific Northwest, FAO:71 Pacific Western Central),high seas North Pacific			NPFC
Flatfishes nei (<i>Pleuronectiformes</i>), Herrings/sardines nei (<i>Clupeidae</i>), Northern cods nei (<i>Gadus spp</i>)	Other (Please Specify) gillnets, entangling nets, (Midwater)	Number of Vessels: 9, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:27 Atlantic Northeast),Baltic	Baltic ringed seal (UNKNOWN) Gray seal (North Pacific) Gray seal (UNKNOWN) Harbor porpoise (UNKNOWN) Harbor seal, common seal (Far East) Harbor seal, common seal (UNKNOWN)	Baltic ringed seal (UNKNOWN): NOT PROVIDED Gray seal (North Pacific): NOT PROVIDED Gray seal (UNKNOWN): NOT PROVIDED Harbor porpoise (UNKNOWN): NOT PROVIDED Harbor seal, common seal (Far East): NOT PROVIDED Harbor seal, common seal (UNKNOWN): NOT PROVIDED	
Flatfishes nei (<i>Pleuronectiformes</i>), Herrings/sardines nei (<i>Clupeidae</i>), Northern cods nei (<i>Gadus spp</i>)	Trawls (not specified), (Demersal)	Number of Vessels: 38, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:27 Atlantic Northeast),Baltic	Baltic ringed seal (UNKNOWN) Gray seal (North Pacific) Gray seal (UNKNOWN) Harbor porpoise (UNKNOWN) Harbor seal, common seal (Far East) Harbor seal, common seal (UNKNOWN)	Baltic ringed seal (UNKNOWN): NOT PROVIDED Gray seal (North Pacific): NOT PROVIDED Gray seal (UNKNOWN): NOT PROVIDED Harbor porpoise (UNKNOWN): NOT PROVIDED Harbor seal, common seal (Far East): NOT PROVIDED Harbor seal, common seal (UNKNOWN): NOT PROVIDED	

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Siberian sturgeon (<i>Acipenser baerii</i>), Sturgeon (<i>caviar/roe</i>)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Laptev Sea & Siberian Basin			
Sheefish (<i>Stenodus leucichthys</i>)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Laptev Sea & Siberian Basin			
Herrings/sardines <i>nei</i> (<i>Clupeidae</i>)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Caspian Sea & Volga River	Caspian seal (STOCK NOT SPECIFIED)	Caspian seal (STOCK NOT SPECIFIED): NOT PROVIDED	
Marine crustaceans <i>nei</i> (<i>Crustacea</i>)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Caspian Sea & Volga River	Caspian seal (STOCK NOT SPECIFIED)	Caspian seal (STOCK NOT SPECIFIED): NOT PROVIDED	
Pike-perch (<i>Sander lucioperca</i>)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Caspian Sea & Volga River	Caspian seal (STOCK NOT SPECIFIED)	Caspian seal (STOCK NOT SPECIFIED): NOT PROVIDED	
Atlantic halibut (<i>Hippoglossus hippoglossus</i>), Haddock (<i>Melanogrammus aeglefinus</i>), Northern cods <i>nei</i> (<i>Gadus spp</i>)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	White Sea - Barents			
Capelin (<i>Mallotus villosus</i>), Herrings/sardines <i>nei</i> (<i>Clupeidae</i>)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	White Sea - Barents			
Northern prawn (<i>Pandalus borealis</i>)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	White Sea - Barents			

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Arctic flounder (<i>Pleuronectes glacialis</i>), Flatfishes nei (<i>Pleuronectiformes</i>)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	White Sea - Barents			
Scallop (<i>Chlamys livida</i>)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	White Sea - Barents			
Pink(=Humpback) salmon (<i>Oncorhynchus gorbusha</i>), Salmonids nei (<i>Salmonidae</i>)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	White Sea - Barents			
Atlantic salmon (<i>Salmo salar</i>)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	White Sea - Barents			
Whitefishes nei (<i>Coregonus</i> spp)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	White Sea - Barents			
Barbel steed (<i>Hemibarbus labeo</i>), Common carp (<i>Cyprinus carpio</i>)	Other (Please Specify) gillnets and entangling nets, (Midwater)	UNKNOWN	Lake Baikal			
Catfishes nei (<i>Ictalurus</i> spp), Common carp (<i>Cyprinus carpio</i>), Conger eels/etc. nei (<i>Congridae</i>), Groupers/seabasses nei (<i>Serranidae</i>), Snakehead (<i>Channa argus</i>), Tilapias nei (<i>Oreochromis (=Tilapia)</i> spp)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Laptev Sea & Siberian Basin			
Whitefishes nei (<i>Coregonus</i> spp)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Laptev Sea & Siberian Basin			
Northern pike (<i>Esox lucius</i>)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Laptev Sea & Siberian Basin			

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Groundfishes nei (Osteichthyes), Herrings/sardines nei (Clupeidae), Jack and horse mackerels nei (Trachurus spp), Mackerels nei (Scombridae), Porgies/seabreams nei (Sparidae), Sardinellas nei (Sardinella spp)	Trawls (not specified), (Pelagic)	Number of Vessels: 11, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,Mauritania,(FAO:34 Atlantic Eastern Central),FAO Area 34, Mauritania EEZ			
Seaweeds nei (Algae)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			
Various squids nei (Loliginidae, Ommastrephidae)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			
Herrings/sardines nei (Clupeidae)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			
Trouts nei (Salmo spp)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			
American yellow perch (Perca flavescens)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			
Northern pike (Esox lucius)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			
Marine crustaceans nei (Crustacea), Marine molluscs nei (Mollusca)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Atlantic redfishes nei (Sebastes spp)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			
Tusk(=Cusk) (Brosme brosme)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			
marine shrimps nei	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			
Dungeness crab (Cancer magister)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			
Antarctic stone crab (Paralomis spinosissima)	Pots/traps	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Subarea 48.2 (South Orkney Is.)			CCAMLR
Antarctic stone crab (Paralomis spinosissima)	Pots/traps	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Subarea 48.3 (South Georgia Is.)			CCAMLR

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Northern cod (roe/caviar), Pollock (Pollachius pollachius)	Midwater trawls (not specified), (Pelagic)	Number of Vessels: 38 (average per year), Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Karaginsky, Russian Far East	Baird's beaked whale (UNKNOWN) Blue whale (UNKNOWN) Bowhead whale, Greenland whale (North Pacific) Common dolphin, saddleback dolphin (UNKNOWN) Cuvier's beaked whale, goose-beaked whale (UNKNOWN) Fin whale (North Pacific) Gray whale (STOCK NOT SPECIFIED) Harbor porpoise (UNKNOWN) Harbor seal, common seal (Far East) Humpback whale (North Pacific) Narwhal (UNKNOWN) North Pacific right whale (North Pacific) Northern fur seal (Bering sea, Chukchi sea) Risso's dolphin, grampus (UNKNOWN) Sei whale (North Pacific) Sperm whale, cachalot (UNKNOWN) Stejneger's beaked whale (UNKNOWN) Steller sea lion, northern sea lion (Far East)	Baird's beaked whale (UNKNOWN): NOT PROVIDED Blue whale (UNKNOWN): NOT PROVIDED Bowhead whale, Greenland whale (North Pacific): NOT PROVIDED Common dolphin, saddleback dolphin (UNKNOWN): NOT PROVIDED Cuvier's beaked whale, goose-beaked whale (UNKNOWN): NOT PROVIDED Fin whale (North Pacific): NOT PROVIDED Gray whale (STOCK NOT SPECIFIED): NOT PROVIDED Harbor porpoise (UNKNOWN): NOT PROVIDED Harbor seal, common seal (Far East): NOT PROVIDED Humpback whale (North Pacific): NOT PROVIDED Narwhal (UNKNOWN): NOT PROVIDED North Pacific right whale (North Pacific): NOT PROVIDED Northern fur seal (Bering sea, Chukchi sea): NOT PROVIDED Risso's dolphin, grampus (UNKNOWN): NOT PROVIDED Sei whale (North Pacific): NOT PROVIDED Sperm whale, cachalot (UNKNOWN): NOT PROVIDED Stejneger's beaked whale (UNKNOWN): NOT PROVIDED Steller sea lion, northern sea lion (Far East): NOT PROVIDED	RFMO
Northern cod (roe/caviar), Pollock (Pollachius pollachius)	Midwater trawls (not specified), (Pelagic)	Number of Vessels: 91 (average per year), Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),West Bering Sea	Baird's beaked whale (UNKNOWN) Blue whale (UNKNOWN) Bowhead whale, Greenland whale (North Pacific) Common dolphin, saddleback dolphin (UNKNOWN) Cuvier's beaked whale, goose-beaked whale (UNKNOWN) Fin whale (North Pacific) Gray whale (STOCK NOT SPECIFIED) Harbor porpoise (UNKNOWN) Harbor seal, common seal (Far East) Humpback whale (North Pacific) Narwhal (UNKNOWN) North Pacific right whale (North Pacific) Northern fur seal (Bering sea, Chukchi sea) Pacific walrus (Bering sea, Chukchi sea) Risso's dolphin, grampus (UNKNOWN) Sei whale (North Pacific) Sperm whale, cachalot (UNKNOWN) Stejneger's beaked whale (UNKNOWN) Steller sea lion, northern sea lion (Far East)	Baird's beaked whale (UNKNOWN): NOT PROVIDED Blue whale (UNKNOWN): NOT PROVIDED Bowhead whale, Greenland whale (North Pacific): NOT PROVIDED Common dolphin, saddleback dolphin (UNKNOWN): NOT PROVIDED Cuvier's beaked whale, goose-beaked whale (UNKNOWN): NOT PROVIDED Fin whale (North Pacific): NOT PROVIDED Gray whale (STOCK NOT SPECIFIED): NOT PROVIDED Harbor porpoise (UNKNOWN): NOT PROVIDED Harbor seal, common seal (Far East): NOT PROVIDED Humpback whale (North Pacific): NOT PROVIDED Narwhal (UNKNOWN): NOT PROVIDED North Pacific right whale (North Pacific): NOT PROVIDED Northern fur seal (Bering sea, Chukchi sea): NOT PROVIDED Pacific walrus (Bering sea, Chukchi sea): NOT PROVIDED Risso's dolphin, grampus (UNKNOWN): NOT PROVIDED Sei whale (North Pacific): NOT PROVIDED Sperm whale, cachalot (UNKNOWN): NOT PROVIDED Stejneger's beaked whale (UNKNOWN): NOT PROVIDED Steller sea lion, northern sea lion (Far East): NOT PROVIDED	

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Northern cod (roe/caviar), Pollock (Pollachius pollachius)	Midwater trawls (not specified), (Pelagic)	UNKNOWN	EEZ,(FAO:61 Pacific Northwest),Sea of Okhotsk	Baird's beaked whale (UNKNOWN) Beluga, white whale (Sea of Okhotsk) Blue whale (UNKNOWN) Bowhead whale, Greenland whale (North Pacific) Common dolphin, saddleback dolphin (UNKNOWN) Cuvier's beaked whale, goose-beaked whale (UNKNOWN) Fin whale (North Pacific) Gray whale (STOCK NOT SPECIFIED) Harbor porpoise (UNKNOWN) Harbor seal, common seal (Far East) Humpback whale (North Pacific) Killer whale, orca (Sea of Okhotsk) Narwhal (UNKNOWN) North Pacific right whale (North Pacific) Northern fur seal (Sea of Okhotsk) Risso's dolphin, grampus (UNKNOWN) Sei whale (North Pacific) Sperm whale, cachalot (UNKNOWN) Stejneger's beaked whale (UNKNOWN) Steller sea lion, northern sea lion (Far East)	Baird's beaked whale (UNKNOWN): NOT PROVIDED Beluga, white whale (Sea of Okhotsk): NOT PROVIDED Blue whale (UNKNOWN): NOT PROVIDED Bowhead whale, Greenland whale (North Pacific): NOT PROVIDED Common dolphin, saddleback dolphin (UNKNOWN): NOT PROVIDED Cuvier's beaked whale, goose-beaked whale (UNKNOWN): NOT PROVIDED Fin whale (North Pacific): NOT PROVIDED Gray whale (STOCK NOT SPECIFIED): NOT PROVIDED Harbor porpoise (UNKNOWN): NOT PROVIDED Harbor seal, common seal (Far East): NOT PROVIDED Humpback whale (North Pacific): NOT PROVIDED Killer whale, orca (Sea of Okhotsk): NOT PROVIDED Narwhal (UNKNOWN): NOT PROVIDED North Pacific right whale (North Pacific): NOT PROVIDED Northern fur seal (Sea of Okhotsk): NOT PROVIDED Risso's dolphin, grampus (UNKNOWN): NOT PROVIDED Sei whale (North Pacific): NOT PROVIDED Sperm whale, cachalot (UNKNOWN): NOT PROVIDED Stejneger's beaked whale (UNKNOWN): NOT PROVIDED Steller sea lion, northern sea lion (Far East): NOT PROVIDED	RFMO
Northern cod (roe/caviar), Pollock (Pollachius pollachius)	Danish seines, (Demersal)	Number of Vessels: 94 (average per year), Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Sea of Okhotsk	Baird's beaked whale (UNKNOWN) Beluga, white whale (Sea of Okhotsk) Blue whale (UNKNOWN) Bowhead whale, Greenland whale (North Pacific) Common dolphin, saddleback dolphin (UNKNOWN) Cuvier's beaked whale, goose-beaked whale (UNKNOWN) Fin whale (North Pacific) Gray whale (STOCK NOT SPECIFIED) Harbor porpoise (UNKNOWN) Harbor seal, common seal (Far East) Humpback whale (North Pacific) Killer whale, orca (Sea of Okhotsk) Narwhal (UNKNOWN) North Pacific right whale (North Pacific) Northern fur seal (Sea of Okhotsk) Risso's dolphin, grampus (UNKNOWN) Sei whale (North Pacific) Sperm whale, cachalot (UNKNOWN) Stejneger's beaked whale (UNKNOWN) Steller sea lion, northern sea lion (Far East)	Baird's beaked whale (UNKNOWN): NOT PROVIDED Beluga, white whale (Sea of Okhotsk): NOT PROVIDED Blue whale (UNKNOWN): NOT PROVIDED Bowhead whale, Greenland whale (North Pacific): NOT PROVIDED Common dolphin, saddleback dolphin (UNKNOWN): NOT PROVIDED Cuvier's beaked whale, goose-beaked whale (UNKNOWN): NOT PROVIDED Fin whale (North Pacific): NOT PROVIDED Gray whale (STOCK NOT SPECIFIED): NOT PROVIDED Harbor porpoise (UNKNOWN): NOT PROVIDED Harbor seal, common seal (Far East): NOT PROVIDED Humpback whale (North Pacific): NOT PROVIDED Killer whale, orca (Sea of Okhotsk): NOT PROVIDED Narwhal (UNKNOWN): NOT PROVIDED North Pacific right whale (North Pacific): NOT PROVIDED Northern fur seal (Sea of Okhotsk): NOT PROVIDED Risso's dolphin, grampus (UNKNOWN): NOT PROVIDED Sei whale (North Pacific): NOT PROVIDED Sperm whale, cachalot (UNKNOWN): NOT PROVIDED Stejneger's beaked whale (UNKNOWN): NOT PROVIDED Steller sea lion, northern sea lion (Far East): NOT PROVIDED	
Blue king crab (Paralithodes platypus), King crab (Lithodes ferox)	Pots/traps, (Bottom)	UNKNOWN	EEZ,(FAO:61 Pacific Northwest),Barents Sea (Atlantic), Pacific Northwest (FAO Area 61)	Humpback whale (North Pacific)	Humpback whale (North Pacific): NOT PROVIDED	
Blue king crab (Paralithodes platypus), King crab (Lithodes ferox), Snow crab (Chionoecetes opilio), Tanner crab (Chionoecetes bairdi)	Pots/traps, (Bottom)	UNKNOWN	EEZ,(FAO:61 Pacific Northwest),West Bering Sea	Common minke whale (Far East) Humpback whale (North Pacific)	Common minke whale (Far East): NOT PROVIDED Humpback whale (North Pacific): NOT PROVIDED	
Hair crab (Erimacrus isenbeckii), King crab (Lithodes ferox), Snow crab (Chionoecetes opilio)	Pots/traps, (Bottom)	UNKNOWN	EEZ,(FAO:61 Pacific Northwest),Sea of Okhotsk, Pacific Northwest (FAO Area 61) Kamchatka, Primorye, Kuril Islands harvest regions	Common minke whale (Far East) Humpback whale (North Pacific)	Common minke whale (Far East): NOT PROVIDED Humpback whale (North Pacific): NOT PROVIDED	

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Brown king crab (<i>Paralithodes brevipes</i>), Chinese mitten crab (<i>Eriocheir sinensis</i>), Red vermillion crab (<i>Paralomis verrilli</i>), Snow crab (<i>Chionoecetes opilio</i>)	Pots/traps, (Bottom)	UNKNOWN	EEZ,(FAO:61 Pacific Northwest),Chuckchi Sea - Far East			
Atlantic halibut (<i>Hippoglossus hippoglossus</i>), Flatfishes nei (<i>Pleuronectiformes</i>), Groundfishes nei (<i>Osteichthyes</i>), Northern cods nei (<i>Gadus spp</i>), Soles nei (<i>Soleidae</i>)	Longlines (not specified), (Demersal)	Number of Vessels: 9 (average per year), Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Sea of Okhotsk and Western Bering Sea, Russian Far East	Dall's porpoise, Dall porpoise (UNKNOWN) Killer whale, orca (Sea of Okhotsk) Pacific white-sided dolphin (UNKNOWN)	Dall's porpoise, Dall porpoise (UNKNOWN): NOT PROVIDED Killer whale, orca (Sea of Okhotsk): NOT PROVIDED Pacific white-sided dolphin (UNKNOWN): NOT PROVIDED	

Samoa

Exempt Fisheries						
Albacore (<i>Thunnus alalunga</i>), Bigeye tuna (<i>Thunnus obesus</i>), Tunas nei (<i>Thunnini</i>), Yellowfin tuna (<i>Thunnus albacares</i>)	Trolling lines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Samoa's EEZ			WCPFC

Export Fisheries						
Albacore (<i>Thunnus alalunga</i>), Bigeye tuna (<i>Thunnus obesus</i>), Dolphinfishes nei (<i>Coryphaenidae</i>), Swordfish (<i>Xiphias gladius</i>), Tunas nei (<i>Thunnini</i>), Wahoo (<i>Acanthocybium solandri</i>), Yellowfin tuna (<i>Thunnus albacares</i>)	Longlines (not specified), (Pelagic)	Number of Vessels: 25, Licenses: 27, Participants: 4 fishing companies, Aquaculture Facilities: None	EEZ,(FAO:71 Pacific Western Central),Samoa's EEZ	Black Sea bottlenose dolphin (STOCK NOT SPECIFIED) Blainville's beaked whale (STOCK NOT SPECIFIED) Cuvier's beaked whale, goose-beaked whale (STOCK NOT SPECIFIED) Melon-headed whale, Electra dolphin (STOCK NOT SPECIFIED) Rough-toothed dolphin (STOCK NOT SPECIFIED) Short-finned pilot whale (STOCK NOT SPECIFIED) Sperm whale, cachalot (STOCK NOT SPECIFIED) Spinner dolphin (STOCK NOT SPECIFIED)	Black Sea bottlenose dolphin (STOCK NOT SPECIFIED): 0 Blainville's beaked whale (STOCK NOT SPECIFIED): 0 Cuvier's beaked whale, goose-beaked whale (STOCK NOT SPECIFIED): 0 Melon-headed whale, Electra dolphin (STOCK NOT SPECIFIED): 0 Rough-toothed dolphin (STOCK NOT SPECIFIED): 0 Short-finned pilot whale (STOCK NOT SPECIFIED): 0 Sperm whale, cachalot (STOCK NOT SPECIFIED): 0 Spinner dolphin (STOCK NOT SPECIFIED): 0	WCPFC

Saudi Arabia

Exempt Fisheries						
Cuttlefishes nei (<i>Sepia spp</i>), Porgies/seabreams nei (<i>Sparidae</i>), Seabasses nei (<i>Dicentrarchus spp</i>)	Aquaculture (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Red Sea region of Jizan and Tihama Plains			
Southern white shrimp (<i>Penaeus schmitti</i>)	Aquaculture (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	City of OUMG, Red Sea region of Jizan and Tihama Plains, AL HURAIIDHA, ASIR REGION			
Demersal fishes nei (<i>Osteichthyes</i>), Marine fishes nei (<i>Osteichthyes</i>), marine shrimps nei	Handlines and hand-operated pole-and-lines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Jizan on the southern Red Sea coast, Arabian Gulf			

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Bigeye tuna (<i>Thunnus obesus</i>), Swordfish (<i>Xiphias gladius</i>), Tunas nei (<i>Thunnini</i>), Yellowfin tuna (<i>Thunnus albacares</i>)	Handlines and hand-operated pole-and-lines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Red Sea, Arabian Sea, Indian Ocean, Persian Gulf			
Export Fisheries						
marine shrimps nei	Trawls (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Arabian Gulf			
Demersal fishes nei (<i>Osteichthyes</i>), Marine fishes nei (<i>Osteichthyes</i>), marine shrimps nei	Trolling lines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Jizan on the southern Red Sea coast, Arabian Gulf			
Demersal fishes nei (<i>Osteichthyes</i>), Marine fishes nei (<i>Osteichthyes</i>), marine shrimps nei	Pots/traps	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Jizan on the southern Red Sea coast, Arabian Gulf			
Demersal fishes nei (<i>Osteichthyes</i>), Marine fishes nei (<i>Osteichthyes</i>), marine shrimps nei	Gillnets and entangling nets (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Jizan on the southern Red Sea coast, Arabian Gulf			
Demersal fishes nei (<i>Osteichthyes</i>), Marine fishes nei (<i>Osteichthyes</i>), marine shrimps nei	Trawls (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Jizan on the southern Red Sea coast, Arabian Gulf			
Bigeye tuna (<i>Thunnus obesus</i>), Swordfish (<i>Xiphias gladius</i>), Tunas nei (<i>Thunnini</i>), Yellowfin tuna (<i>Thunnus albacares</i>)	Gillnets and entangling nets (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Red Sea, Arabian Sea, Indian Ocean, Persian Gulf	Common bottlenose dolphin (STOCK NOT SPECIFIED) Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED) Humpback whale (STOCK NOT SPECIFIED) Risso's dolphin, grampus (STOCK NOT SPECIFIED)	Common bottlenose dolphin (STOCK NOT SPECIFIED): NOT PROVIDED Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED): NOT PROVIDED Humpback whale (STOCK NOT SPECIFIED): NOT PROVIDED Risso's dolphin, grampus (STOCK NOT SPECIFIED): NOT PROVIDED	

Senegal

Exempt Fisheries

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Dolphinfishes nei (Coryphaenidae), Swordfish (Xiphias gladius), Tunas nei (Thunnini)	Pole and Lines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Senegal EEZ			
Export Fisheries						
marine shrimps nei	Trawls (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Senegal EEZ	Atlantic humpback dolphin (STOCK NOT SPECIFIED) Common bottlenose dolphin (STOCK NOT SPECIFIED) Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED) Harbor porpoise (STOCK NOT SPECIFIED)	Atlantic humpback dolphin (STOCK NOT SPECIFIED): NOT PROVIDED Common bottlenose dolphin (STOCK NOT SPECIFIED): NOT PROVIDED Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED): NOT PROVIDED Harbor porpoise (STOCK NOT SPECIFIED): NOT PROVIDED	
	Trammel nets	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided	Common bottlenose dolphin (STOCK NOT SPECIFIED)	Common bottlenose dolphin (STOCK NOT SPECIFIED): NOT PROVIDED	
Marine molluscs nei (Mollusca)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Senegal EEZ			
Marine fishes nei (liver) (Osteichthyes), Marine fishes nei (roe/milt) (Osteichthyes)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Senegal EEZ			
Groupers/seabasses nei (Serranidae)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			
Tunas nei (Thunnini)	Purse seines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Liberia,Liberia EEZ			
Groupers nei (Epinephelus spp), Herrings/sardines nei (Clupeidae), Porgies/seabreams nei (Sparidae), Snappers nei (Lutjanus spp)	Purse seines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	West Africa	Atlantic humpback dolphin (STOCK NOT SPECIFIED) Harbor porpoise (STOCK NOT SPECIFIED) Rough-toothed dolphin (STOCK NOT SPECIFIED)	Atlantic humpback dolphin (STOCK NOT SPECIFIED): NOT PROVIDED Harbor porpoise (STOCK NOT SPECIFIED): NOT PROVIDED Rough-toothed dolphin (STOCK NOT SPECIFIED): NOT PROVIDED	

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Groupers nei (Epinephelus spp), Herrings/sardines nei (Clupeidae), Porgies/seabreams nei (Sparidae), Snappers nei (Lutjanus spp)	Trawls (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	West Africa	Atlantic humpback dolphin (STOCK NOT SPECIFIED)	Atlantic humpback dolphin (STOCK NOT SPECIFIED): NOT PROVIDED	
Herrings/sardines nei (Clupeidae), Jack and horse mackerels nei (Trachurus spp), Mackerels nei (Scombridae), Mulletts nei (Mugilidae), Sardinellas nei (Sardinella spp)	Trawls (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided	Atlantic humpback dolphin (STOCK NOT SPECIFIED)	Atlantic humpback dolphin (STOCK NOT SPECIFIED): NOT PROVIDED	
Herrings/sardines nei (Clupeidae), Jack and horse mackerels nei (Trachurus spp), Mackerels nei (Scombridae), Mulletts nei (Mugilidae), Sardinellas nei (Sardinella spp)	Purse seines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided	Atlantic humpback dolphin (STOCK NOT SPECIFIED) Harbor porpoise (STOCK NOT SPECIFIED) Rough-toothed dolphin (STOCK NOT SPECIFIED)	Atlantic humpback dolphin (STOCK NOT SPECIFIED): NOT PROVIDED Harbor porpoise (STOCK NOT SPECIFIED): NOT PROVIDED Rough-toothed dolphin (STOCK NOT SPECIFIED): NOT PROVIDED	
Lobsters nei (Reptantia)	Pots/traps	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	West Africa			
marine shrimps nei	Trawls (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Senegal EEZ, FAO Area 34	Atlantic humpback dolphin (STOCK NOT SPECIFIED) Common bottlenose dolphin (STOCK NOT SPECIFIED) Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED) Harbor porpoise (STOCK NOT SPECIFIED)	Atlantic humpback dolphin (STOCK NOT SPECIFIED): NOT PROVIDED Common bottlenose dolphin (STOCK NOT SPECIFIED): NOT PROVIDED Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED): NOT PROVIDED Harbor porpoise (STOCK NOT SPECIFIED): NOT PROVIDED	
marine shrimps nei	Gillnets and entangling nets (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Senegal EEZ	Atlantic humpback dolphin (STOCK NOT SPECIFIED) Common bottlenose dolphin (STOCK NOT SPECIFIED) Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED) Harbor porpoise (STOCK NOT SPECIFIED)	Atlantic humpback dolphin (STOCK NOT SPECIFIED): NOT PROVIDED Common bottlenose dolphin (STOCK NOT SPECIFIED): NOT PROVIDED Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED): NOT PROVIDED Harbor porpoise (STOCK NOT SPECIFIED): NOT PROVIDED	
Albacore (Thunnus alalunga), Bigeye tuna (Thunnus obesus), Dolphinfishes nei (Coryphaenidae), Swordfish (Xiphias gladius), Tunas nei (Thunnini), Yellowfin tuna (Thunnus albacares)	Longlines (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Indian Ocean Tuna Commission convention area			IOTC
Tunas nei (Thunnini)	Seine nets (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Senegal EEZ	Harbor porpoise (STOCK NOT SPECIFIED) Rough-toothed dolphin (STOCK NOT SPECIFIED)	Harbor porpoise (STOCK NOT SPECIFIED): NOT PROVIDED Rough-toothed dolphin (STOCK NOT SPECIFIED): NOT PROVIDED	

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Various sharks nei (Selachimorpha (Pleurotremata))	Gillnets and entangling nets (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided	Atlantic humpback dolphin (STOCK NOT SPECIFIED) Common bottlenose dolphin (STOCK NOT SPECIFIED) Harbor porpoise (STOCK NOT SPECIFIED)	Atlantic humpback dolphin (STOCK NOT SPECIFIED): NOT PROVIDED Common bottlenose dolphin (STOCK NOT SPECIFIED): NOT PROVIDED Harbor porpoise (STOCK NOT SPECIFIED): NOT PROVIDED	
Anchovies nei (Engraulis spp), Herrings/sardines nei (Clupeidae), Pelagic fishes nei (Osteichthyes), Shads nei (Alosa spp)	Purse seines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Mauritania,FAO Area 34			

Seychelles

Exempt Fisheries						
Groupers nei (Epinephelus spp), Seabasses nei (Dicentrarchus spp), Snappers nei (Lutjanus spp)	Hooks and lines (not specified), (Demersal)	Number of Vessels: 417, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:51 Indian Ocean Western),Seychelles EEZ	Common bottlenose dolphin (STOCK NOT SPECIFIED)	Common bottlenose dolphin (STOCK NOT SPECIFIED): UNKNOWN	
Sea cucumbers nei (Holothuroidea)	Diving (SCUBA and/or free-diving), (Benthic)	Number of Vessels: 25, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:51 Indian Ocean Western)	Common bottlenose dolphin (STOCK NOT SPECIFIED)	Common bottlenose dolphin (STOCK NOT SPECIFIED): 0	
Albacore (Thunnus alalunga), Bigeye tuna (Thunnus obesus), Skipjack tuna (Katsuwonus pelamis), Swordfish (Xiphias gladius), Thunnus alalunga (Albacore tuna), Yellowfin tuna (Thunnus albacares)	Purse seines, (Pelagic)	Number of Vessels: 46, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	High Seas,EEZ,Mauritius,(FAO:5 7 Indian Ocean Eastern, FAO:51 Indian Ocean Western),Southwest Indian ocean & Sevchelles EEZ	Common bottlenose dolphin (STOCK NOT SPECIFIED)	Common bottlenose dolphin (STOCK NOT SPECIFIED): NOT PROVIDED	IOTC
Export Fisheries						
Bigeye tuna (Thunnus obesus), Swordfish (Xiphias gladius), Tunas nei (Thunnini), Yellowfin tuna (Thunnus albacares)	Longlines (not specified), (Surface)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Eastern & Western Indian ocean & Seychelles EEZ	Common bottlenose dolphin (STOCK NOT SPECIFIED) Indo-Pacific bottlenose dolphin (STOCK NOT SPECIFIED) Spinner dolphin (STOCK NOT SPECIFIED)	Common bottlenose dolphin (STOCK NOT SPECIFIED): UNKNOWN Indo-Pacific bottlenose dolphin (STOCK NOT SPECIFIED): UNKNOWN Spinner dolphin (STOCK NOT SPECIFIED): UNKNOWN	IOTC
Bigeye tuna (Thunnus obesus), Marlins,sailfishes,etc. nei (Istiophoridae), Swordfish (Xiphias gladius), Tunas nei (Thunnini), Yellowfin tuna (Thunnus albacares)	Drifting longlines, (Pelagic), Hooks and lines (not specified), (Pelagic)	Number of Vessels: 57, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	High Seas, EEZ, Mauritius, (FAO:57 Indian Ocean Eastern, FAO:51 Indian Ocean Western),Western Indian Ocean	Common bottlenose dolphin (STOCK NOT SPECIFIED) False killer whale (STOCK NOT SPECIFIED) Indo-Pacific bottlenose dolphin (STOCK NOT SPECIFIED) Spinner dolphin (STOCK NOT SPECIFIED)	Common bottlenose dolphin (STOCK NOT SPECIFIED): NOT PROVIDED False killer whale (STOCK NOT SPECIFIED): NOT PROVIDED Indo-Pacific bottlenose dolphin (STOCK NOT SPECIFIED): NOT PROVIDED Spinner dolphin (STOCK NOT SPECIFIED): NOT PROVIDED	IOTC,SWI OFC
Indo-Pacific sailfish (Istiophorus platypterus), Marlins nei (Makaira spp), Swordfish (Xiphias gladius), Tunas nei (Thunnini)	Longlines (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Eastern & Western Indian ocean & Seychelles EEZ	Common bottlenose dolphin (STOCK NOT SPECIFIED) False killer whale (STOCK NOT SPECIFIED) Indo-Pacific bottlenose dolphin (STOCK NOT SPECIFIED) Spinner dolphin (STOCK NOT SPECIFIED)	Common bottlenose dolphin (STOCK NOT SPECIFIED): UNKNOWN False killer whale (STOCK NOT SPECIFIED): UNKNOWN Indo-Pacific bottlenose dolphin (STOCK NOT SPECIFIED): UNKNOWN Spinner dolphin (STOCK NOT SPECIFIED): UNKNOWN	IOTC

Sierra Leone

Exempt Fisheries						
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Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Flat and cupped oysters nei (Ostreidae)	Aquaculture (rafts, mats)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	coastal			
Export Fisheries						
Finfishes nei (Osteichthyes), Herrings/sardines nei (Clupeidae), Mackerels nei (Scombridae)	Trawls (not specified), (Pelagic)	Number of Vessels: 25, Licenses: 25, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:34 Atlantic Eastern Central),none provided	Baleen whale unspecified (STOCK NOT SPECIFIED) Common bottlenose dolphin (STOCK NOT SPECIFIED) West African manatee, African manatee (STOCK NOT SPECIFIED)	Baleen whale unspecified (STOCK NOT SPECIFIED): 1 Common bottlenose dolphin (STOCK NOT SPECIFIED): UNKNOWN West African manatee, African manatee (STOCK NOT SPECIFIED): UNKNOWN	
Various squids nei (Loliginidae, Ommastrephidae)	Trawls (not specified), (Demersal)	Number of Vessels: 2, Licenses: 2, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:34 Atlantic Eastern Central)			
Cuttlefishes nei (Sepia spp), Demersal fishes nei (Osteichthyes), Flatfishes nei (Pleuronectiformes), Marine fishes nei (Osteichthyes), Octopuses nei (Octopus spp), Various squids nei (Loliginidae, Ommastrephidae)	Beam trawls, (Pelagic), Midwater trawls (not specified), (Midwater), Trawls (not specified), (Demersal)	Number of Vessels: 45, Licenses: 45, Participants: none provided, Aquaculture Facilities: none provided	EEZ,Senegal,(FAO:34 Atlantic Eastern Central),FAO Area 34	Baleen whale unspecified (STOCK NOT SPECIFIED) Common bottlenose dolphin (STOCK NOT SPECIFIED) West African manatee, African manatee (STOCK NOT SPECIFIED)	Baleen whale unspecified (STOCK NOT SPECIFIED): UNKNOWN Common bottlenose dolphin (STOCK NOT SPECIFIED): UNKNOWN West African manatee, African manatee (STOCK NOT SPECIFIED): UNKNOWN	
Singapore						
Exempt Fisheries						
Barramundi(=Giant seaperch) (Lates calcarifer), Groupers nei (Epinephelus spp), Pompano (Trachinotus ovatus), Snappers nei (Lutjanus spp)	Aquaculture (cages, net pens), (Midwater)	Number of Vessels: 2, Licenses: 2, Participants: 1, Aquaculture Facilities: 1	EEZ,(FAO:71 Pacific Western Central),1°24.131N 103°58.813E1°24.141N 103°58.870E1°24.244N 103°58.855E1°24.239N 103°58.797E			
Barramundi(=Giant seaperch) (Lates calcarifer), Groupers nei (Epinephelus spp), Pompano (Trachinotus ovatus), Snappers nei (Lutjanus spp)	Aquaculture (cages, net pens), (Midwater)	Number of Vessels: 6, Licenses: 4, Participants: 1, Aquaculture Facilities: 1	EEZ,(FAO:71 Pacific Western Central),1°24.215N 103°59.006E1°24.142N 103°58.990E1°24.126N 103°59.054E1°24.197N 103°59.068E			
Barramundi(=Giant seaperch) (Lates calcarifer)	Aquaculture (cages, net pens), (Midwater)	Number of Vessels: 9, Licenses: 2, Participants: 1, Aquaculture Facilities: 2	EEZ,(FAO:71 Pacific Western Central),Pulau Semakau, 1°11'48.013"N 103°45'22.102"E 1°11'49.461"N 103°45'31.825"E 1°11'43.81"N 103°45'21.076"E 1°11'43.672"N 103°45'33.194"E			
Barramundi(=Giant seaperch) (Lates calcarifer), Snappers nei (Lutjanus spp)	Aquaculture (cages, net pens), (Midwater)	Number of Vessels: 2, Licenses: 2, Participants: 1, Aquaculture Facilities: 1	EEZ,(FAO:71 Pacific Western Central),Latitude 01° 25.29'NLongitude 103° 57.35'E			

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Exempt Fisheries						
Mediterranean mussel (<i>Mytilus galloprovincialis</i>)	Aquaculture (lines)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	North Adriatic			
European seabass (<i>Dicentrarchus labrax</i>)	Aquaculture (cages, net pens)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	North Adriatic			
Clams/etc. nei (<i>Bivalvia</i>), Warty venus (<i>Venus verrucosa</i>)	Aquaculture (lines)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	North Adriatic			
Solomon Islands						
Exempt Fisheries						
Clams/etc. nei (<i>Bivalvia</i>), Cuttlefishes nei (<i>Sepia</i> spp), Hard corals/madrepores nei (<i>Scleractinia</i>), Marine shells nei (<i>Ex Mollusca</i>), Rock lobsters nei (<i>Jasus</i> spp), Trochus shells nei (<i>Ex Trochus</i> spp)	Hand collection	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	nearshore			
Bigeye tuna (<i>Thunnus obesus</i>), Tuna-like fishes nei (<i>Scombroidei</i>), Tunas nei (<i>Thunnini</i>), Yellowfin tuna (<i>Thunnus albacares</i>)	Pole and Lines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Solomon Islands EEZ			WCPFC
Bigeye tuna (<i>Thunnus obesus</i>), Marlins,sailfishes,etc. nei (<i>Istiophoridae</i>), Rainbow runner (<i>Elagatis bipinnulata</i>), Triggerfishes/durgons nei (<i>Balistidae</i>), Tuna-like fishes nei (<i>Scombroidei</i>), Tunas nei (<i>Thunnini</i>), Various sharks nei (<i>Selachimorpha</i> (<i>Pleurotremata</i>)), Yellowfin tuna (<i>Thunnus albacares</i>)	Purse seines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Western Central Pacific Fisheries Commission Convention Area	Pantropical spotted dolphin (STOCK NOT SPECIFIED) Spinner dolphin (STOCK NOT SPECIFIED)	Pantropical spotted dolphin (STOCK NOT SPECIFIED): NOT PROVIDED Spinner dolphin (STOCK NOT SPECIFIED): NOT PROVIDED	WCPFC
Mackerels nei (<i>Scombridae</i>), Marine fishes nei (<i>Osteichthyes</i>)	Handlines and hand-operated pole-and-lines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	nearshore			
Export Fisheries						
Mackerels nei (<i>Scombridae</i>), Marine fishes nei (<i>Osteichthyes</i>)	Gillnets and entangling nets (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	nearshore			

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Bigeye tuna (<i>Thunnus obesus</i>), Dolphinfishes nei (<i>Coryphaenidae</i>), Marlins,sailfishes,etc. nei (<i>Istiophoridae</i>), Opah (<i>Lampris guttatus</i>), Tuna-like fishes nei (<i>Scombroidei</i>), Tunas nei (<i>Thunnini</i>), Various sharks nei (<i>Selachimorpha (Pleurotremata)</i>), Wahoo (<i>Acanthocybium solandri</i>), Yellowfin tuna (<i>Thunnus albacares</i>)	Longlines (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Western Central Pacific Fisheries Commission Convention Area			WCPFC
Various sharks nei (<i>Selachimorpha (Pleurotremata)</i>)	Longlines (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Solomon Islands EEZ			WCPFC

South Africa

Exempt Fisheries						
Various squids nei (<i>Loliginidae</i> , <i>Ommastrephidae</i>)	Jig	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	South Africa EEZ , Port Elizabeth and Port St. Francis area			
Albacore (<i>Thunnus alalunga</i>), Bigeye tuna (<i>Thunnus obesus</i>), Bonitos nei (<i>Sarda spp</i>), Swordfish (<i>Xiphias gladius</i>), True tunas nei (<i>Thunnus spp</i>), Various sharks nei (<i>Selachimorpha (Pleurotremata)</i>), Yellowfin tuna (<i>Thunnus albacares</i>)	Handlines and hand-operated pole-and-lines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Indian Ocean Tuna Commission Convention area			IOTC
Albacore (<i>Thunnus alalunga</i>), Amberjacks nei (<i>Seriola spp</i>), Annandale's guitarfish (<i>Rhinobatos annandalei</i>), Bank steenbras (<i>Chirodactylus grandis</i>), Barracudas nei (<i>Sphyraena spp</i>), Bartail flathead (<i>Platycephalus indicus</i>), Bigeye tuna (<i>Thunnus obesus</i>), Blue marlin (<i>Makaira nigricans</i>), Blue shark (<i>Prionace glauca</i>), Bluefish (<i>Pomatomus saltatrix</i>), Bonefish (<i>Albula vulpes</i>), Broadnose sevengill shark (<i>Notorynchus cepedianus</i>), Cape elephantfish (<i>Callorhynchus capensis</i>), Carcharhinus sharks nei (<i>Carcharhinus spp</i>), Carpenter seabream (<i>Argyrozona argyrozona</i>), Cobia (<i>Rachycentron canadum</i>), Common dolphinfish (<i>Coryphaena hippurus</i>), Common eagle ray (<i>Myliobatis aquila</i>), Copper breams(=Hottentots) nei (<i>Pachymetopon spp</i>), Croakers/drums nei (<i>Sciaenidae</i>), Dasyatis chrysonota (<i>Dasyatis chrysonota</i>), Drums nei (<i>Umbrina spp</i>), Emperors/Scavengers nei (<i>Lethrinidae</i>), Englishman seabream (<i>Chrysoblephus anglicus</i>), Flathead grey mullet (<i>Mugil cephalus</i>), Galjoens nei (<i>Dichistiidae</i>), Geelbek croaker (<i>Atractoscion aequidens</i>), Giant guitarfish (<i>Rhynchobatus djiddensis</i>), Great white shark (<i>Carcharodon carcharias</i>), Green jobfish (<i>Aprion virescens</i>), Groupers nei (<i>Epinephelus spp</i>), <i>Gymnura natalensis</i> (<i>Gymnura natalensis</i>), Hammerhead sharks nei (<i>Sphyrna spp</i>), Honeycomb stingray (<i>Himantura uarnak</i>), Indo-Pacific sailfish (<i>Istiophorus platypterus</i>), Indo-Pacific tarpon (<i>Megalops cyprinoides</i>), Jacks/crevalles nei (<i>Caranx spp</i>), Janbruin (<i>Gymnocrotaphus curvidens</i>), Kawakawa/mackerel tuna (<i>Euthynnus affinis</i>), Lampfish (<i>Dinoperca petersi</i>), Largespotted dart (<i>Trachinotus botla</i>), Leerfish (<i>Lichia amia</i>), Leopard catshark (<i>Poroderma pantherinum</i>), Liza spp (<i>Liza spp</i>), Meagres nei (<i>Argyrosomus spp</i>), Milk shark (<i>Rhizoprionodon acutus</i>), Natal fingerfin (<i>Chirodactylus jessicalenorum</i>), Natal pandora (<i>Pagellus natalensis</i>), Oplegnathus spp (<i>Oplegnathus spp</i>), Pacific chub mackerel (<i>Scomber japonicus</i>), Pomadasys spp (<i>Pomadasys spp</i>), Porgies/seabreams nei (<i>Sparidae</i>), Roman seabream (<i>Chrysoblephus laticeps</i>), Salema (<i>Sarpa salpa</i>), Santer seabream (<i>Cheimerius nufar</i>), Seerfishes nei (<i>Scomberomorus spp</i>), Shallow-water Cape hake (<i>Merluccius capensis</i>), Sharpnose stingray (<i>Himantura gerrardi</i>), Sharptooth houndshark (<i>Triakis megalopterus</i>), Shortfin mako (<i>Isurus oxyrinchus</i>), Skipjack tuna (<i>Katsuwonus pelamis</i>), Slinger seabream (<i>Chrysoblephus</i>)	Hooks and lines (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	South Africa EEZ			

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Albacore (Thunnus alalunga), Bigeye tuna (Thunnus obesus), Bonitos nei (Sarda spp), Swordfish (Xiphias gladius), True tunas nei (Thunnus spp), Various sharks nei (Selachimorpha (Pleurotremata)), Yellowfin tuna (Thunnus albacares)	Handlines and hand-operated pole-and-lines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	South Atlantic			ICCAT
Groundfishes nei (Osteichthyes), Hakes nei (Merluccius spp), Northern cods nei (Gadus spp)	Handlines and hand-operated pole-and-lines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			
Cuttlefishes nei (Sepia spp), Hard corals/madrepores nei (Scleractinia), Marine shells nei (Ex Mollusca)	Hand collection	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			
Mullets nei (Mugilidae), Sillago spp (Sillago spp), Snoek (Thyrsites atun), Yellowtail amberjack (Seriola lalandi)	Handlines and hand-operated pole-and-lines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	South Africa EEZ			
Seaweeds nei (Algae)	Aquaculture (lines)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			
Export Fisheries						
Marine crabs nei (Brachyura)	Pots/traps	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			
Salmonids nei (Salmonidae)	Aquaculture (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	offshore, off Gansbaai within South Africa EEZ			
Mullets nei (Mugilidae)	Gillnets and entangling nets (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	South Africa EEZ			
toothfishes nei (Dissostichus spp)	Longlines (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Subarea 48.3 (South Georgia Is.)			CCAMLR

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
toothfishes nei (Dissostichus spp)	Longlines (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Subarea 48.6			CCAMLR
toothfishes nei (Dissostichus spp)	Longlines (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Subarea 58.4.2			CCAMLR
toothfishes nei (Dissostichus spp)	Longlines (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Subarea 58.6 (Crozet Island)			CCAMLR
toothfishes nei (Dissostichus spp)	Longlines (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Subarea 58.7 (Prince Edward and Marion Is.)			CCAMLR
toothfishes nei (Dissostichus spp)	Longlines (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Subarea 88.1-2			CCAMLR
Homarus lobsters nei (Homarus spp), Lobsters nei (Reptantia)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			
Marine crustaceans nei (Crustacea), marine shrimps nei	Trawls (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	South Africa EEZ, Kwazulu Natal (KZN)			
Flatfishes nei (Pleuronectiformes), Groundfishes nei (Osteichthyes), Hakes nei (Merluccius spp), Northern cods nei (Gadus spp)	Longlines (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Flatfishes nei (Pleuronectiformes), Groundfishes nei (Osteichthyes), Hakes nei (Merluccius spp), Kingklip (Genypterus capensis), Monkfishes nei (Lophius spp), Northern cods nei (Gadus spp)	Trawls (not specified), (Demersal)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	offshore, within South Africa EEZ			
Groundfishes nei (Osteichthyes), Hakes nei (Merluccius spp), Northern cods nei (Gadus spp), Soles nei (Soleidae)	Trawls (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	inshore, Mossel Bay and Port Elizabeth on the south coast			
Lobsters nei (Reptantia), Southern spiny lobster (Palinurus gilchristi)	Pots/traps, (Benthic)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	South Africa EEZ, Agulhas Bank			
Cape rock lobster (Jasus lalandii), Lobsters nei (Reptantia)	Pots/traps, (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	South Africa EEZ, Cape west and southwest coasts between Cape Town and Cape Agulhas			
Cuttlefishes nei (Sepia spp), Octopuses nei (Octopus spp)	Trawls (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			
Orange roughy (Hoplostethus atlanticus)	Trawls (not specified), (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			
European sprat (Sprattus sprattus), Herrings/sardines nei (Clupeidae), Pilchards nei (Sardinops spp)	Purse seines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			
Albacore (Thunnus alalunga), Atlantic bluefin tuna (Thunnus thynnus), Bigeye tuna (Thunnus obesus), Bonitos nei (Sarda spp), Swordfish (Xiphias gladius), Various sharks nei (Selachimorpha (Pleurotremata)), Yellowfin tuna (Thunnus albacares)	Longlines (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	South Atlantic			ICCAT

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Albacore (Thunnus alalunga), Bigeye tuna (Thunnus obesus), Bonitos nei (Sarda spp), Swordfish (Xiphias gladius), True tunas nei (Thunnus spp), Various sharks nei (Selachimorpha (Pleurotremata)), Yellowfin tuna (Thunnus albacares)	Longlines (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Indian Ocean Tuna Commission Convention area	Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED) Dolphin unspecified (STOCK NOT SPECIFIED) Killer whale, orca (STOCK NOT SPECIFIED)	Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED): NOT PROVIDED Dolphin unspecified (STOCK NOT SPECIFIED): NOT PROVIDED Killer whale, orca (STOCK NOT SPECIFIED): NOT PROVIDED	IOTC
	Set gillnets/set nets (anchored)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	South Africa EEZ	Common bottlenose dolphin (STOCK NOT SPECIFIED) Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED) False killer whale (STOCK NOT SPECIFIED) Heaviside's dolphin, Haviside's dolphin (STOCK NOT SPECIFIED) Indo-Pacific humpback dolphin (STOCK NOT SPECIFIED) Striped dolphin (STOCK NOT SPECIFIED)	Common bottlenose dolphin (STOCK NOT SPECIFIED): NOT PROVIDED Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED): NOT PROVIDED False killer whale (STOCK NOT SPECIFIED): NOT PROVIDED Heaviside's dolphin, Haviside's dolphin (STOCK NOT SPECIFIED): NOT PROVIDED Indo-Pacific humpback dolphin (STOCK NOT SPECIFIED): NOT PROVIDED Striped dolphin (STOCK NOT SPECIFIED): NOT PROVIDED	
Various sharks nei (Selachimorpha (Pleurotremata))	Longlines (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Natal, EEZ and outside EEZ	Common bottlenose dolphin (STOCK NOT SPECIFIED) Indo-Pacific humpback dolphin (STOCK NOT SPECIFIED)	Common bottlenose dolphin (STOCK NOT SPECIFIED): NOT PROVIDED Indo-Pacific humpback dolphin (STOCK NOT SPECIFIED): NOT PROVIDED	
Bluenose warehou (Hyperoglyphe antarctica), Groupers nei (Epinephelus spp), Kingklip (Genypterus capensis), Marine fishes nei (Osteichthyes), Rudderfish (Centrolophus niger), Snappers nei (Lutjanus spp)	Longlines (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	South Africa EEZ			
Common dolphinfish (Coryphaena hippurus), Dorado (Salminus brasiliensis), Giant trevally (Caranx ignobilis), Indo-Pacific sailfish (Istiophorus platypterus), Marlins nei (Makaira spp), Moonfish (Mene maculata), Oilfish (Ruvettus pretiosus), Skipjack tuna (Katsuwonus pelamis), Snoek (Thysites atun), Spearfishes nei (Tetrapturus spp), Wahoo (Acanthocybium solandri)	Longlines (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	South Africa EEZ			
Atlantic redfishes nei (Sebastes spp), Bluenose warehou (Hyperoglyphe antarctica), Butterfishes nei (Stromateus spp), Groupers nei (Epinephelus spp), Groupers/seabasses nei (Serranidae), Jack and horse mackerels nei (Trachurus spp), John dory (Zeus faber), Mulletts nei (Mugilidae), Panga seabream (Pterogymnus lanarius), Rays and skates nei (Rajidae), Redfish (Centroberyx affinis), Ribbonfishes (Trachipteridae)	Trawls (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	South Africa EEZ, Agulhas Bank	Cape fur seal (STOCK NOT SPECIFIED) Common bottlenose dolphin (STOCK NOT SPECIFIED) Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED)	Cape fur seal (STOCK NOT SPECIFIED): NOT PROVIDED Common bottlenose dolphin (STOCK NOT SPECIFIED): NOT PROVIDED Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED): NOT PROVIDED	
Mackerels nei (Scombridae), Mulletts nei (Mugilidae), Pilchards nei (Sardinops spp)	Purse seines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	South Africa EEZ			

South Korea

Exempt Fisheries

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Comb pen shell (<i>Atrina pectinata</i>), Conch nei (<i>Strombidae</i>), Japanese carpet shell (<i>Ruditapes philippinarum</i>), Japanese sea cucumber (<i>Apostichopus japonicus</i>), Sea urchins nei (<i>Strongylocentrotus</i> spp)	Diving (SCUBA and/or free-diving), (Surface)	Number of Vessels: 37, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),West Sea			
Abalones nei (<i>Haliotis</i> spp), Blood cockle (<i>Anadara granosa</i>), Comb pen shell (<i>Atrina pectinata</i>), Conch nei (<i>Strombidae</i>), Half-crenated ark (<i>Scapharca subcrenata</i>), Inflated ark (<i>Scapharca broughtonii</i>), Japanese carpet shell (<i>Ruditapes philippinarum</i>), Japanese cockle (<i>Fulvia mutica</i>), Japanese sea cucumber (<i>Apostichopus japonicus</i>), Sea mussels nei (<i>Mytilidae</i>), Sea urchins nei (<i>Strongylocentrotus</i> spp)	Diving (SCUBA and/or free-diving), (Surface)	Number of Vessels: 181, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),South Sea			
Abalones nei (<i>Haliotis</i> spp), Japanese sea cucumber (<i>Apostichopus japonicus</i>), Octopuses nei (<i>Octopus</i> spp), Sea urchins nei (<i>Strongylocentrotus</i> spp)	Diving (SCUBA and/or free-diving), (Surface)	Number of Vessels: 18, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),East Sea			
Fusiform sargassum (<i>Sargassum fusiforme</i>), Kelps nei (<i>Laminariaceae</i>), Sea mustard (<i>Caulerpa brachypus</i>), Seaweeds nei (<i>Algae</i>)	Aquaculture (lines), (Pelagic)	Number of Vessels: 49, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),West Sea			
Fusiform sargassum (<i>Sargassum fusiforme</i>), Kelps nei (<i>Laminariaceae</i>), Sea mustard (<i>Caulerpa brachypus</i>), Seaweeds nei (<i>Algae</i>)	Aquaculture (lines), (Surface)	Number of Vessels: 1319, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),South Sea			
Kelps nei (<i>Laminariaceae</i>), Sea mustard (<i>Caulerpa brachypus</i>), Seaweeds nei (<i>Algae</i>)	Aquaculture (lines), (Midwater)	Number of Vessels: 46, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),East Sea			
Flat and cupped oysters nei (<i>Ostreidae</i>)	Aquaculture (hanging), (Midwater)	Number of Vessels: 268, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),West Sea			
Flat and cupped oysters nei (<i>Ostreidae</i>)	Aquaculture (hanging), (Midwater)	Number of Vessels: 774, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),East Sea			
Comb pen shell (<i>Atrina pectinata</i>)	Aquaculture (coastal - shellfish beds), (Bottom)	Number of Vessels: 29, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),South Sea			
Pacific saury (<i>Cololabis saira</i>)	Lift nets (not specified), (Surface)	Number of Vessels: 11, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	High Seas,EEZ,Russia,(FAO:61 Pacific Northwest),Pacific Ocean			NPFC

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Pacific saury (<i>Cololabis saira</i>)	Lift nets (not specified), (Surface)	Number of Vessels: 11, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	High Seas,EEZ,Russia,(FAO:61 Pacific Northwest),Russia, Japan			NPFC
Red oyas (<i>Halocynthia roretzi</i>)	Aquaculture (hanging), (Midwater)	Number of Vessels: 230, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),South Sea			
Red oyas (<i>Halocynthia roretzi</i>)	Aquaculture (hanging), (Midwater)	Number of Vessels: 128, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),East Sea			
Abalones nei (<i>Haliotis</i> spp)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: 6, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),West Sea			
Abalones nei (<i>Haliotis</i> spp)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: 828, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),South Sea			
Abalones nei (<i>Haliotis</i> spp)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: 25, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),East Sea			
Bastard halibut (<i>Paralichthys olivaceus</i>)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: 2, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),South Sea			
Bastard halibut (<i>Paralichthys olivaceus</i>)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: 10, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),East Sea			
Japanese seabream (<i>Pagrus major</i>)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: 5, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),West Sea			
Japanese seabream (<i>Pagrus major</i>)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: 5, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),South Sea			

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Japanese seabream (<i>Pagrus major</i>)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: 432, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),East Sea			
Blackhead seabream (<i>Acanthopagrus schlegeli</i>)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: 237, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),South Sea			
Japanese amberjack (<i>Seriola quinqueradiata</i>)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: 12, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),South Sea			
Japanese amberjack (<i>Seriola quinqueradiata</i>)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: 3, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),East Sea			
Japanese seabass (<i>Lateolabrax japonicus</i>)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: 2, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),West Sea			
Japanese seabass (<i>Lateolabrax japonicus</i>)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: 201, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),South Sea			
Salmonids nei (<i>Salmonidae</i>)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: 1, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),East Sea			
Mackerels nei (<i>Scombridae</i>)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: 19, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),South Sea			
Oplegnathus fasciatus (<i>Oplegnathus fasciatus</i>)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: 134, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),South Sea			
Oplegnathus fasciatus (<i>Oplegnathus fasciatus</i>)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: 134, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),West Sea			

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Mi-iuy (brown) croaker (<i>Miichthys miiuy</i>)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: 8, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),South Sea			
Japanese rockfish (<i>Sebastes inermis</i>), Korean rockfish (<i>Sebastes schlegelii</i>)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: 672, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),South Sea			
Japanese rockfish (<i>Sebastes inermis</i>), Korean rockfish (<i>Sebastes schlegelii</i>)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: 104, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),West Sea			
Groupers nei (<i>Epinephelus</i> spp)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: 83, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),South Sea			
Pufferfishes nei (<i>Takifugu</i> spp)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: 4, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),South Sea			
Threadsail filefish (<i>Stephanolepis cirrifer</i>)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: 83, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),South Sea			
Pacific bluefin tuna (<i>Thunnus orientalis</i>)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: 2, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),South Sea			
Japanese isinglass (<i>Gelidium amansii</i>)	Diving (not specified), (Pelagic)	UNKNOWN	EEZ,(FAO:61 Pacific Northwest),.			
Jumbo flying squid (<i>Dosidicus gigas</i>)	Jig, (Pelagic)	Number of Vessels: 17, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	High Seas,(FAO:77 Pacific Eastern Central, FAO:87 Pacific Southeast),87.1.4, 87.2.6, 87.3.3,South Pacific			SPRFMO
Flathead grey mullet (<i>Mugil cephalus</i>)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: 90, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),South Sea			

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Flathead grey mullet (<i>Mugil cephalus</i>)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: 17, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),West Sea			
Scallops nei (<i>Pectinidae</i>)	Aquaculture (hanging), (Midwater)	Number of Vessels: 4, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),West Sea			
Scallops nei (<i>Pectinidae</i>)	Aquaculture (hanging), (Midwater)	Number of Vessels: 31, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),South Sea			
Scallop (<i>Chlamys livida</i>)	Aquaculture (hanging), (Midwater)	Number of Vessels: 30, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),East Sea			
Anchovies nei (<i>Engraulis</i> spp)	Barriers, fences, weirs, etc., (Midwater)	Number of Vessels: 47, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),South Sea			
Anchovies nei (<i>Engraulis</i> spp)	Lift nets (not specified), (Midwater)	Number of Vessels: 389, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),South Sea			
marine shrimps nei	mosquito nets, (Midwater)	Number of Vessels: 4800, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),West Sea			
Antarctic krill nei (<i>Euphausia</i> spp)	Midwater trawls (not specified), (Midwater)	Number of Vessels: 3, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	High Seas,(FAO:48 Atlantic Antarctic),48.1, 48.2, 48.3, 48.4,Antarctic Peninsula Subareas 48.1~4	Antarctic fur seal (STOCK NOT SPECIFIED)	Antarctic fur seal (STOCK NOT SPECIFIED): NOT PROVIDED	CCAMLR

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Albacore (Thunnus alalunga), Bigeye tuna (Thunnus obesus), Pacific bluefin tuna (Thunnus orientalis), Skipjack tuna (Katsuwonus pelamis), Yellowfin tuna (Thunnus albacares)	Purse seines, (Surface)	Number of Vessels: 28, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	High Seas,EEZ,Cook Islands,Federated States of Micronesia,Kiribati,Marshall Islands,Nauru,Papua New Guinea,Solomon Islands,Tokelau Islands,Tuvalu,(FAO:77 Pacific Eastern Central, FAO:71 Pacific Western Central),Pacific Ocean			WCPFC
Bigeye tuna (Thunnus obesus), Skipjack tuna (Katsuwonus pelamis), Yellowfin tuna (Thunnus albacares)	Purse seines, (Surface)	Number of Vessels: 2, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	High Seas, EEZ, Seychelles, (FAO:57 Indian Ocean Eastern, FAO:51 Indian Ocean Western),51.4, 51.5, 51.6, 51.7, 57.2, 57.3,Indian Ocean High Seas, Seychell			IOTC
Cuttlefishes nei (Sepia spp), Japanese sandfish (Arctoscopus japonicus), Mi-iuy (brown) croaker (Miichthys miiuy), Pacific cod (Gadus macrocephalus), Pacific herring (Clupea pallasii), Righteye flounders nei (Pleuronectidae), Various squids nei (Loliginidae, Ommastrephidae), marine shrimps nei	Danish seines, (Midwater)	Number of Vessels: 47, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),East Sea			
Blackmouth angler (Lophiomus setigerus), Blackthroat seaperch (Doederleinia berycoides), Mi-iuy (brown) croaker (Miichthys miiuy), Monkfishes nei (Lophius spp), Righteye flounders nei (Pleuronectidae), Yellow croaker (Larimichthys polyactis), marine shrimps nei	Danish seines, (Midwater)	Number of Vessels: 82, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),South Sea			
Mackerel icefish (Champscephalus gunnari)	Midwater trawls (not specified), (Midwater)	Number of Vessels: 3, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	High Seas,(FAO:48 Atlantic Antarctic),48.1, 48.2, 48.3,South Gerogia Is.			CCAMLR
toothfishes nei (Dissostichus spp)	Set longlines, (Bottom)	Number of Vessels: 4, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	High Seas,(FAO:58 Antarctic and Southern Indian Ocean , FAO:88 Pacific Antarctic),58.4.1, 58.4.2, 88.1, 88.2, 88.3,CCAMLR Southern Ocean			CCAMLR
Japanese rockfish (Sebastes inermis), Korean rockfish (Sebastes schlegeli), Pufferfishes nei (Takifugu spp)	Angling, (Pelagic)	Number of Vessels: 5, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),West Sea			
Conger eels nei (Conger spp), Daggertooth pike conger (Muraenesox cinereus), Japanese Spanish mackerel (Scomberomorus niphonius), Japanese rockfish (Sebastes inermis), Korean rockfish (Sebastes schlegeli), Mackerels nei (Scombridae), Pufferfishes nei (Takifugu spp), Righteye flounders nei (Pleuronectidae)	Angling, (Pelagic)	Number of Vessels: 115, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),South Sea			

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Cuttlefishes nei (Sepia spp), Japanese flying squid (Todarodes pacificus), Mackerels nei (Scombridae), Pufferfishes nei (Takifugu spp), Various squids nei (Loliginidae, Ommastrephidae)	Angling, (Pelagic)	Number of Vessels: 312, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),East Sea			
Shortfin squids nei (Illex spp)	Jig, (Pelagic)	Number of Vessels: 30, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	High Seas,EEZ,Falkland Islands,(FAO:41 Atlantic Southwest),41.3.1, 41.3.2, 41.3.3,FAO 41, Falkland EEZ			
Shortfin squids nei (Illex spp)	Jig, (Pelagic)	Number of Vessels: 70, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,Russia,(FAO:61 Pacific Northwest),Russian Sea			
Comb pen shell (Atrina pectinata), Conch nei (Strombidae), Flat and cupped oysters nei (Ostreidae), Japanese carpet shell (Ruditapes philippinarum), Japanese sea cucumber (Apostichopus japonicus), Scallops nei (Pectinidae), Sea urchins nei (Strongylocentrotus spp)	Diving (SCUBA and/or free-diving), (Surface)	Number of Vessels: 228, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),South Sea			
Comb pen shell (Atrina pectinata), Conch nei (Strombidae), Flat and cupped oysters nei (Ostreidae), Japanese carpet shell (Ruditapes philippinarum), Japanese sea cucumber (Apostichopus japonicus), Octopuses nei (Octopus spp), Scallops nei (Pectinidae), Sea urchins nei (Strongylocentrotus spp)	Diving (SCUBA and/or free-diving), (Surface)	Number of Vessels: 328, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),West Sea			
Export Fisheries						
toothfishes nei (Dissostichus spp)	Set longlines, (Bottom)	Number of Vessels: 10, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	High Seas,(FAO:41 Atlantic Southwest),41.3.1, 41.3.2,South East/West Atlantic	Killer whale, orca (STOCK NOT SPECIFIED)	Killer whale, orca (STOCK NOT SPECIFIED): UNKNOWN	
Sea mussels nei (Mytilidae)	Aquaculture (hanging), (Midwater)	Number of Vessels: 212, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),South Sea	North Pacific right whale (Western North Pacific)	North Pacific right whale (Western North Pacific): UNKNOWN	
Sea mussels nei (Mytilidae)	Aquaculture (hanging), (Midwater)	Number of Vessels: 8, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),West Sea			
Monkfishes nei (Lophius spp)	Trawls (not specified), (Bottom)	Number of Vessels: 0, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,China,(FAO:61 Pacific Northwest),West Sea	Common bottlenose dolphin (Coastal area of the East Sea) Common dolphin, saddleback dolphin (Coastal area of the East Sea) Common minke whale (J Stock) Finless porpoise unspecified (Yellow sea of South Korea) Pacific white-sided dolphin (Coastal area of the East Sea)	Common bottlenose dolphin (Coastal area of the East Sea): UNKNOWN Common dolphin, saddleback dolphin (Coastal area of the East Sea): UNKNOWN Common minke whale (J Stock): .2 Finless porpoise unspecified (Yellow sea of South Korea): UNKNOWN Pacific white-sided dolphin (Coastal area of the East Sea): UNKNOWN	

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Sea mussels nei (Mytilidae)	Aquaculture (hanging), (Midwater)	Number of Vessels: 139, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),East Sea	North Pacific right whale (Western North Pacific)	North Pacific right whale (Western North Pacific): UNKNOWN	RFMO
Monkfishes nei (Lophius spp)	Beam trawls, (Midwater)	Number of Vessels: 545, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),West Sea	Common bottlenose dolphin (Coastal area of the East Sea) Common minke whale (J Stock)	Common bottlenose dolphin (Coastal area of the East Sea): UNKNOWN Common minke whale (J Stock): UNKNOWN	RFMO
Conger eels nei (Conger spp), Octopuses nei (Octopus spp)	Fish pots/fish traps, (Bottom)	Number of Vessels: 594, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),East Sea	Common dolphin, saddleback dolphin (Coastal area of the East Sea) Common minke whale (J Stock) Cuvier's beaked whale, goose-beaked whale (STOCK NOT SPECIFIED) Dall's porpoise, Dall porpoise (STOCK NOT SPECIFIED) Fin whale (STOCK NOT SPECIFIED) Finless porpoise unspecified (South/East Sea) Finless porpoise unspecified (Yellow sea of South Korea) Humpback whale (STOCK NOT SPECIFIED) Killer whale, orca (STOCK NOT SPECIFIED) Pacific white-sided dolphin (Coastal area of the East Sea) Risso's dolphin, grampus (STOCK NOT SPECIFIED) Short-finned pilot whale (STOCK NOT SPECIFIED)	Common dolphin, saddleback dolphin (Coastal area of the East Sea): 16.8 Common minke whale (J Stock): 7.4 Cuvier's beaked whale, goose-beaked whale (STOCK NOT SPECIFIED): UNKNOWN Dall's porpoise, Dall porpoise (STOCK NOT SPECIFIED): .2 Fin whale (STOCK NOT SPECIFIED): UNKNOWN Finless porpoise unspecified (South/East Sea): .2 Finless porpoise unspecified (Yellow sea of South Korea): UNKNOWN Humpback whale (STOCK NOT SPECIFIED): UNKNOWN Killer whale, orca (STOCK NOT SPECIFIED): UNKNOWN Pacific white-sided dolphin (Coastal area of the East Sea): .4 Risso's dolphin, grampus (STOCK NOT SPECIFIED): .4 Short-finned pilot whale (STOCK NOT SPECIFIED): UNKNOWN	RFMO
Red snow crab (Chionoecetes japonicus), Snow crab (Chionoecetes opilio)	Pots/traps, (Bottom)	Number of Vessels: 655, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),East Sea	Common dolphin, saddleback dolphin (Coastal area of the East Sea) Common minke whale (J Stock) Fin whale (STOCK NOT SPECIFIED) Pacific white-sided dolphin (Coastal area of the East Sea)	Common dolphin, saddleback dolphin (Coastal area of the East Sea): 8.6 Common minke whale (J Stock): 3.8 Fin whale (STOCK NOT SPECIFIED): .2 Pacific white-sided dolphin (Coastal area of the East Sea): .4	RFMO
Conger eels nei (Conger spp), Marine crabs nei (Brachyura), Octopuses nei (Octopus spp), Snailfishes nei (Liparidae)	Pots/traps, (Bottom)	Number of Vessels: 4104, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),South Sea	Common minke whale (J Stock) Finless porpoise unspecified (South/East Sea) Finless porpoise unspecified (Yellow sea of South Korea) Indo-Pacific bottlenose dolphin (Jeju Island)	Common minke whale (J Stock): 2.2 Finless porpoise unspecified (South/East Sea): 1.8 Finless porpoise unspecified (Yellow sea of South Korea): UNKNOWN Indo-Pacific bottlenose dolphin (Jeju Island): UNKNOWN	RFMO
Conger eels nei (Conger spp), Hexagrammos otakii (Hexagrammos otakii), Octopuses nei (Octopus spp), Swimming crabs/etc. nei (Portunidae)	Pots/traps, (Bottom)	Number of Vessels: 516, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),West Sea	Finless porpoise unspecified (Yellow sea of South Korea)	Finless porpoise unspecified (Yellow sea of South Korea): .2	RFMO

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Bastard halibut (<i>Paralichthys olivaceus</i>), Flatfishes nei (<i>Pleuronectiformes</i>)	Gillnets and entangling nets (not specified), (Bottom)	Number of Vessels: 6841, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),East Sea/South Sea	Bryde's whale (UNKNOWN) Common bottlenose dolphin (Coastal area of the East Sea) Common dolphin, saddleback dolphin (Coastal area of the East Sea) Common minke whale (J Stock) Dall's porpoise, Dall porpoise (STOCK NOT SPECIFIED) False killer whale (STOCK NOT SPECIFIED) Finless porpoise unspecified (Yellow sea of South Korea) Harbor porpoise (STOCK NOT SPECIFIED) Killer whale, orca (STOCK NOT SPECIFIED) Pacific white-sided dolphin (Coastal area of the East Sea) Risso's dolphin, grampus (STOCK NOT SPECIFIED) Short-finned pilot whale (STOCK NOT SPECIFIED) Stejneger's beaked whale (STOCK NOT SPECIFIED)	Bryde's whale (UNKNOWN): UNKNOWN Common bottlenose dolphin (Coastal area of the East Sea): UNKNOWN Common dolphin, saddleback dolphin (Coastal area of the East Sea): UNKNOWN Common minke whale (J Stock): UNKNOWN Dall's porpoise, Dall porpoise (STOCK NOT SPECIFIED): UNKNOWN False killer whale (STOCK NOT SPECIFIED): UNKNOWN Finless porpoise unspecified (Yellow sea of South Korea): UNKNOWN Harbor porpoise (STOCK NOT SPECIFIED): UNKNOWN Killer whale, orca (STOCK NOT SPECIFIED): UNKNOWN Pacific white-sided dolphin (Coastal area of the East Sea): UNKNOWN Risso's dolphin, grampus (STOCK NOT SPECIFIED): UNKNOWN Short-finned pilot whale (STOCK NOT SPECIFIED): UNKNOWN Stejneger's beaked whale (STOCK NOT SPECIFIED): UNKNOWN	
Porgies (<i>Calamus</i> spp)	Gillnets and entangling nets (not specified), (Midwater)	Number of Vessels: 398, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),East Sea/South Sea	Bryde's whale (UNKNOWN) Common bottlenose dolphin (Coastal area of the East Sea) Common dolphin, saddleback dolphin (Coastal area of the East Sea) Common minke whale (J Stock) Dall's porpoise, Dall porpoise (STOCK NOT SPECIFIED) False killer whale (STOCK NOT SPECIFIED) Finless porpoise unspecified (Yellow sea of South Korea) Harbor porpoise (STOCK NOT SPECIFIED) Killer whale, orca (STOCK NOT SPECIFIED) Pacific white-sided dolphin (Coastal area of the East Sea) Risso's dolphin, grampus (STOCK NOT SPECIFIED) Short-finned pilot whale (STOCK NOT SPECIFIED) Stejneger's beaked whale (STOCK NOT SPECIFIED)	Bryde's whale (UNKNOWN): UNKNOWN Common bottlenose dolphin (Coastal area of the East Sea): UNKNOWN Common dolphin, saddleback dolphin (Coastal area of the East Sea): UNKNOWN Common minke whale (J Stock): UNKNOWN Dall's porpoise, Dall porpoise (STOCK NOT SPECIFIED): UNKNOWN False killer whale (STOCK NOT SPECIFIED): UNKNOWN Finless porpoise unspecified (Yellow sea of South Korea): UNKNOWN Harbor porpoise (STOCK NOT SPECIFIED): UNKNOWN Killer whale, orca (STOCK NOT SPECIFIED): UNKNOWN Pacific white-sided dolphin (Coastal area of the East Sea): UNKNOWN Risso's dolphin, grampus (STOCK NOT SPECIFIED): UNKNOWN Short-finned pilot whale (STOCK NOT SPECIFIED): UNKNOWN Stejneger's beaked whale (STOCK NOT SPECIFIED): UNKNOWN	
Bastard halibut (<i>Paralichthys olivaceus</i>), Croakers nei (<i>Micropogonias</i> spp), Flathead grey mullet (<i>Mugil cephalus</i>), Japanese amberjack (<i>Seriola quinqueradiata</i>), Japanese seabass (<i>Lateolabrax japonicus</i>), Marine crabs nei (<i>Brachyura</i>), Pacific cod (<i>Gadus macrocephalus</i>), Righteye flounders nei (<i>Pleuronectidae</i>), Soles nei (<i>Soleidae</i>), <i>Thamnaconus modestus</i> (<i>Thamnaconus modestus</i>), Thread sail filefish (<i>Stephanolepis cirrhifer</i>) Bastard halibut (<i>Paralichthys olivaceus</i>), Flathead grey mullet (<i>Mugil cephalus</i>), Japanese amberjack (<i>Seriola quinqueradiata</i>), Japanese seabass (<i>Lateolabrax japonicus</i>), Marine crabs nei (<i>Brachyura</i>), Pacific sand lance (<i>Ammodytes personatus</i>), Soles nei (<i>Soleidae</i>), <i>Thamnaconus modestus</i> (<i>Thamnaconus modestus</i>), Thread sail filefish (<i>Stephanolepis cirrhifer</i>)	Gillnets and entangling nets (not specified), (Midwater)	Number of Vessels: 3791, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),West Sea	Common minke whale (J Stock) Finless porpoise unspecified (Yellow sea of South Korea)	Common minke whale (J Stock): .4 Finless porpoise unspecified (Yellow sea of South Korea): 2.2	
	Gillnets and entangling nets (not specified), (Midwater)	Number of Vessels: 6076, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),South Sea	Common bottlenose dolphin (Coastal area of the East Sea) Common dolphin, saddleback dolphin (Coastal area of the East Sea) Common minke whale (J Stock) Finless porpoise unspecified (South/East Sea) Finless porpoise unspecified (Yellow sea of South Korea) Indo-Pacific bottlenose dolphin (Jeju Island)	Common bottlenose dolphin (Coastal area of the East Sea): UNKNOWN Common dolphin, saddleback dolphin (Coastal area of the East Sea): .2 Common minke whale (J Stock): .4 Finless porpoise unspecified (South/East Sea): 2.8 Finless porpoise unspecified (Yellow sea of South Korea): UNKNOWN Indo-Pacific bottlenose dolphin (Jeju Island): .2	

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Bastard halibut (<i>Paralichthys olivaceus</i>), Croakers nei (<i>Micropogonias</i> spp), Flathead grey mullet (<i>Mugil cephalus</i>), Japanese amberjack (<i>Seriola quinqueradiata</i>), Japanese seabass (<i>Lateolabrax japonicus</i>), Marine crabs nei (<i>Brachyura</i>), Pacific cod (<i>Gadus macrocephalus</i>), Righteye flounders nei (<i>Pleuronectidae</i>), Soles nei (<i>Soleidae</i>), <i>Thamnaconus modestus</i> (<i>Thamnaconus modestus</i>), Threadtail filefish (<i>Stephanolepis cirrhifer</i>)	Gillnets and entangling nets (not specified), (Midwater)	Number of Vessels: 3437, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),East Sea	Baird's beaked whale (STOCK NOT SPECIFIED) Bryde's whale (UNKNOWN) Common bottlenose dolphin (Coastal area of the East Sea) Common dolphin, saddleback dolphin (Coastal area of the East Sea) Common minke whale (J Stock) Dall's porpoise, Dall porpoise (STOCK NOT SPECIFIED) False killer whale (STOCK NOT SPECIFIED) Finless porpoise unspecified (South/East Sea) Finless porpoise unspecified (Yellow sea of South Korea) Harbor porpoise (STOCK NOT SPECIFIED) Humpback whale (STOCK NOT SPECIFIED) Killer whale, orca (STOCK NOT SPECIFIED) Pacific white-sided dolphin (Coastal area of the East Sea) Risso's dolphin, grampus (STOCK NOT SPECIFIED) Short-finned pilot whale (STOCK NOT SPECIFIED) Stejneger's beaked whale (STOCK NOT SPECIFIED) Whale unspecified (STOCK NOT SPECIFIED)	Baird's beaked whale (STOCK NOT SPECIFIED): UNKNOWN Bryde's whale (UNKNOWN): UNKNOWN Common bottlenose dolphin (Coastal area of the East Sea): .2 Common dolphin, saddleback dolphin (Coastal area of the East Sea): 62.6 Common minke whale (J Stock): 3 Dall's porpoise, Dall porpoise (STOCK NOT SPECIFIED): UNKNOWN False killer whale (STOCK NOT SPECIFIED): UNKNOWN Finless porpoise unspecified (South/East Sea): 4.6 Finless porpoise unspecified (Yellow sea of South Korea): UNKNOWN Harbor porpoise (STOCK NOT SPECIFIED): 2.2 Humpback whale (STOCK NOT SPECIFIED): UNKNOWN Killer whale, orca (STOCK NOT SPECIFIED): UNKNOWN Pacific white-sided dolphin (Coastal area of the East Sea): 22.4 Risso's dolphin, grampus (STOCK NOT SPECIFIED): UNKNOWN Short-finned pilot whale (STOCK NOT SPECIFIED): UNKNOWN Stejneger's beaked whale (STOCK NOT SPECIFIED): UNKNOWN Whale unspecified (STOCK NOT SPECIFIED): .2	
Bastard halibut (<i>Paralichthys olivaceus</i>), Croakers nei (<i>Micropogonias</i> spp), Flathead grey mullet (<i>Mugil cephalus</i>), Japanese amberjack (<i>Seriola quinqueradiata</i>), Japanese seabass (<i>Lateolabrax japonicus</i>), Marine crabs nei (<i>Brachyura</i>), Pacific cod (<i>Gadus macrocephalus</i>), Righteye flounders nei (<i>Pleuronectidae</i>), Soles nei (<i>Soleidae</i>), <i>Thamnaconus modestus</i> (<i>Thamnaconus modestus</i>), Threadtail filefish (<i>Stephanolepis cirrhifer</i>)	Gillnets and entangling nets (not specified), (Midwater)	Number of Vessels: 3437, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),East Sea	Spotted seal, largha seal (Yellow Sea)	Spotted seal, largha seal (Yellow Sea): UNKNOWN	
Cuttlefishes nei (<i>Sepia</i> spp), Pacific sandlance (<i>Ammodytes personatus</i>), Pacific saury (<i>Cololabis saira</i>), Rays and skates nei (<i>Rajidae</i>)	Gillnets and entangling nets (not specified), (Midwater)	Number of Vessels: 57, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),West Sea	Common minke whale (J Stock) Finless porpoise unspecified (Yellow sea of South Korea)	Common minke whale (J Stock): UNKNOWN Finless porpoise unspecified (Yellow sea of South Korea): UNKNOWN	
Cuttlefishes nei (<i>Sepia</i> spp), Pacific saury (<i>Cololabis saira</i>), Rays and skates nei (<i>Rajidae</i>)	Gillnets and entangling nets (not specified), (Midwater)	Number of Vessels: 314, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),South Sea	Common bottlenose dolphin (Coastal area of the East Sea) Common dolphin, saddleback dolphin (Coastal area of the East Sea) Common minke whale (J Stock) Finless porpoise unspecified (South/East Sea) Finless porpoise unspecified (Yellow sea of South Korea) Indo-Pacific bottlenose dolphin (Jeju Island)	Common bottlenose dolphin (Coastal area of the East Sea): UNKNOWN Common dolphin, saddleback dolphin (Coastal area of the East Sea): UNKNOWN Common minke whale (J Stock): UNKNOWN Finless porpoise unspecified (South/East Sea): .2 Finless porpoise unspecified (Yellow sea of South Korea): UNKNOWN Indo-Pacific bottlenose dolphin (Jeju Island): UNKNOWN	

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Cuttlefishes nei (Sepia spp), Japanese amberjack (Seriola quinqueradiata), Pacific saury (Cololabis saira), Rays and skates nei (Rajidae)	Gillnets and entangling nets (not specified), (Midwater)	Number of Vessels: 58, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),East Sea	Baird's beaked whale (STOCK NOT SPECIFIED) Bryde's whale (UNKNOWN) Common bottlenose dolphin (Coastal area of the East Sea) Common dolphin, saddleback dolphin (Coastal area of the East Sea) Common minke whale (J Stock) Dall's porpoise, Dall porpoise (STOCK NOT SPECIFIED) False killer whale (STOCK NOT SPECIFIED) Finless porpoise unspecified (Yellow sea of South Korea) Harbor porpoise (STOCK NOT SPECIFIED) Humpback whale (STOCK NOT SPECIFIED) Killer whale, orca (STOCK NOT SPECIFIED) Pacific white-sided dolphin (Coastal area of the East Sea) Risso's dolphin, grampus (STOCK NOT SPECIFIED) Short-finned pilot whale (STOCK NOT SPECIFIED) Stejneger's beaked whale (STOCK NOT SPECIFIED) Whale unspecified (STOCK NOT SPECIFIED)	Baird's beaked whale (STOCK NOT SPECIFIED): UNKNOWN Bryde's whale (UNKNOWN): UNKNOWN Common bottlenose dolphin (Coastal area of the East Sea): UNKNOWN Common dolphin, saddleback dolphin (Coastal area of the East Sea): UNKNOWN Common minke whale (J Stock): UNKNOWN Dall's porpoise, Dall porpoise (STOCK NOT SPECIFIED): UNKNOWN False killer whale (STOCK NOT SPECIFIED): UNKNOWN Finless porpoise unspecified (Yellow sea of South Korea): UNKNOWN Harbor porpoise (STOCK NOT SPECIFIED): UNKNOWN Humpback whale (STOCK NOT SPECIFIED): UNKNOWN Killer whale, orca (STOCK NOT SPECIFIED): UNKNOWN Pacific white-sided dolphin (Coastal area of the East Sea): UNKNOWN Risso's dolphin, grampus (STOCK NOT SPECIFIED): UNKNOWN Short-finned pilot whale (STOCK NOT SPECIFIED): UNKNOWN Stejneger's beaked whale (STOCK NOT SPECIFIED): UNKNOWN Whale unspecified (STOCK NOT SPECIFIED): UNKNOWN	RFMO
Cuttlefishes nei (Sepia spp), Japanese amberjack (Seriola quinqueradiata), Pacific saury (Cololabis saira), Rays and skates nei (Rajidae)	Gillnets and entangling nets (not specified), (Midwater)	Number of Vessels: 58, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),East Sea	Spotted seal, largha seal (Yellow Sea)	Spotted seal, largha seal (Yellow Sea): UNKNOWN	
Snow crab (Chionoecetes opilio), marine shrimps nei	Gillnets and entangling nets (not specified), (Bottom)	Number of Vessels: 3848, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),West Sea	Common minke whale (J Stock) Finless porpoise unspecified (Yellow sea of South Korea)	Common minke whale (J Stock): .6 Finless porpoise unspecified (Yellow sea of South Korea): 2	
Monkfishes nei (Lophius spp), Snow crab (Chionoecetes opilio), marine shrimps nei	Gillnets and entangling nets (not specified), (Bottom)	Number of Vessels: 6390, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),South Sea	Common bottlenose dolphin (Coastal area of the East Sea) Common dolphin, saddleback dolphin (Coastal area of the East Sea) Common minke whale (J Stock) Finless porpoise unspecified (South/East Sea) Finless porpoise unspecified (Yellow sea of South Korea) Indo-Pacific bottlenose dolphin (Jeju Island)	Common bottlenose dolphin (Coastal area of the East Sea): UNKNOWN Common dolphin, saddleback dolphin (Coastal area of the East Sea): .2 Common minke whale (J Stock): .2 Finless porpoise unspecified (South/East Sea): 3 Finless porpoise unspecified (Yellow sea of South Korea): UNKNOWN Indo-Pacific bottlenose dolphin (Jeju Island): .2	

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Monkfishes nei (Lophius spp), Snow crab (Chionoecetes opilio), marine shrimps nei	Gillnets and entangling nets (not specified), (Bottom)	Number of Vessels: 3353, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),East Sea	Baird's beaked whale (STOCK NOT SPECIFIED) Bryde's whale (UNKNOWN) Common bottlenose dolphin (Coastal area of the East Sea) Common dolphin, saddleback dolphin (Coastal area of the East Sea) Common minke whale (J Stock) Dall's porpoise, Dall porpoise (STOCK NOT SPECIFIED) False killer whale (STOCK NOT SPECIFIED) Finless porpoise unspecified (South/East Sea) Finless porpoise unspecified (Yellow sea of South Korea) Harbor porpoise (STOCK NOT SPECIFIED) Humpback whale (STOCK NOT SPECIFIED) Killer whale, orca (STOCK NOT SPECIFIED) Pacific white-sided dolphin (Coastal area of the East Sea) Risso's dolphin, grampus (STOCK NOT SPECIFIED) Short-finned pilot whale (STOCK NOT SPECIFIED) Stejneger's beaked whale (STOCK NOT SPECIFIED) Whale unspecified (STOCK NOT SPECIFIED)	Baird's beaked whale (STOCK NOT SPECIFIED): UNKNOWN Bryde's whale (UNKNOWN): UNKNOWN Common bottlenose dolphin (Coastal area of the East Sea): UNKNOWN Common dolphin, saddleback dolphin (Coastal area of the East Sea): 64.8 Common minke whale (J Stock): 3 Dall's porpoise, Dall porpoise (STOCK NOT SPECIFIED): UNKNOWN False killer whale (STOCK NOT SPECIFIED): .2 Finless porpoise unspecified (South/East Sea): 4.6 Finless porpoise unspecified (Yellow sea of South Korea): UNKNOWN Harbor porpoise (STOCK NOT SPECIFIED): 2.2 Humpback whale (STOCK NOT SPECIFIED): UNKNOWN Killer whale, orca (STOCK NOT SPECIFIED): UNKNOWN Pacific white-sided dolphin (Coastal area of the East Sea): 23 Risso's dolphin, grampus (STOCK NOT SPECIFIED): UNKNOWN Short-finned pilot whale (STOCK NOT SPECIFIED): UNKNOWN Stejneger's beaked whale (STOCK NOT SPECIFIED): UNKNOWN Whale unspecified (STOCK NOT SPECIFIED): .2	RFMO
Monkfishes nei (Lophius spp), Snow crab (Chionoecetes opilio), marine shrimps nei	Gillnets and entangling nets (not specified), (Bottom)	Number of Vessels: 3353, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),East Sea	Spotted seal, largha seal (Yellow Sea)	Spotted seal, largha seal (Yellow Sea): UNKNOWN	
Anchovies nei (Engraulis spp), Pacific herring (Clupea pallasii), Pacific sandlance (Ammodytes personatus), Righteye flounders nei (Pleuronectidae)	Gillnets and entangling nets (not specified), (Bottom)	Number of Vessels: 3353, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),East Sea	Common bottlenose dolphin (Coastal area of the East Sea) Common dolphin, saddleback dolphin (Coastal area of the East Sea) Common minke whale (J Stock) False killer whale (STOCK NOT SPECIFIED) Finless porpoise unspecified (South/East Sea) Finless porpoise unspecified (Yellow sea of South Korea) Harbor porpoise (STOCK NOT SPECIFIED) Humpback whale (STOCK NOT SPECIFIED) Killer whale, orca (STOCK NOT SPECIFIED) Pacific white-sided dolphin (Coastal area of the East Sea) Risso's dolphin, grampus (STOCK NOT SPECIFIED) Short-finned pilot whale (STOCK NOT SPECIFIED)	Common bottlenose dolphin (Coastal area of the East Sea): .2 Common dolphin, saddleback dolphin (Coastal area of the East Sea): 73 Common minke whale (J Stock): 3.2 False killer whale (STOCK NOT SPECIFIED): .2 Finless porpoise unspecified (South/East Sea): 5.2 Finless porpoise unspecified (Yellow sea of South Korea): UNKNOWN Harbor porpoise (STOCK NOT SPECIFIED): 2.6 Humpback whale (STOCK NOT SPECIFIED): UNKNOWN Killer whale, orca (STOCK NOT SPECIFIED): UNKNOWN Pacific white-sided dolphin (Coastal area of the East Sea): 26 Risso's dolphin, grampus (STOCK NOT SPECIFIED): UNKNOWN Short-finned pilot whale (STOCK NOT SPECIFIED): UNKNOWN	
Anchovies nei (Engraulis spp), Dotted gizzard shad (Konosirus punctatus), Hairtails nei (Trichiurus spp), Mackerels nei (Scombridae), Pacific cod (Gadus macrocephalus), Righteye flounders nei (Pleuronectidae), Yellow croaker (Larimichthys polyactis)	Gillnets and entangling nets (not specified), (Bottom)	Number of Vessels: 8067, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),South Sea	Bryde's whale (UNKNOWN) Common dolphin, saddleback dolphin (Coastal area of the East Sea) Common minke whale (J Stock) Finless porpoise unspecified (South/East Sea) Finless porpoise unspecified (Yellow sea of South Korea) Indo-Pacific bottlenose dolphin (Jeju Island)	Bryde's whale (UNKNOWN): .2 Common dolphin, saddleback dolphin (Coastal area of the East Sea): UNKNOWN Common minke whale (J Stock): .4 Finless porpoise unspecified (South/East Sea): 4 Finless porpoise unspecified (Yellow sea of South Korea): UNKNOWN Indo-Pacific bottlenose dolphin (Jeju Island): UNKNOWN	
Blackmouth angler (Lophiomus setigerus), Swimming crabs/etc. nei (Portunidae)	Gillnets and entangling nets (not specified), (Bottom)	Number of Vessels: 4800, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),West Sea	Common minke whale (J Stock) Finless porpoise unspecified (Yellow sea of South Korea)	Common minke whale (J Stock): .4 Finless porpoise unspecified (Yellow sea of South Korea): 3	
Bigeye tuna (Thunnus obesus), Pacific bluefin tuna (Thunnus orientalis), Swordfish (Xiphias gladius), Yellowfin tuna (Thunnus albacares)	Longlines (not specified), (Pelagic)	Number of Vessels: 100, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	High Seas,(FAO:77 Pacific Eastern Central, FAO:71 Pacific Western Central),Pacific Ocean			WCPFC

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Atlantic bluefin tuna (<i>Thunnus thynnus</i>), Bigeye tuna (<i>Thunnus obesus</i>), Swordfish (<i>Xiphias gladius</i>), Yellowfin tuna (<i>Thunnus albacares</i>)	Longlines (not specified), (Pelagic)	Number of Vessels: 8, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	High Seas,(FAO:34 Atlantic Eastern Central, FAO:27 Atlantic Northeast, FAO:47 Atlantic Southeast, FAO:31 Atlantic Western Central),27.10.b, 27.12.a.1, 27.12.a.3, 27.12.c, 34.2, 34.3.2, 34.3.3, 34.3.4, 34.3.5, 34.3.6, 34.4.1, 34.4.2, 47.A.0, 47.A.1, 47.B.0, 47.B.1, 47.C.0, 47.C.1, 47.D.0, 47.D.1,Atlantic Ocean			ICCAT
Bigeye tuna (<i>Thunnus obesus</i>), Southern bluefin tuna (<i>Thunnus maccoyii</i>), Swordfish (<i>Xiphias gladius</i>), Yellowfin tuna (<i>Thunnus albacares</i>)	Longlines (not specified), (Pelagic)	Number of Vessels: 13, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	High Seas, EEZ, Mozambique, (FAO:57 Indian Ocean Eastern, FAO:51 Indian Ocean Western),51.6, 51.7, 51.8, 57.2, 57.3, 57.4,Indian Ocean			IOTC
Hairtails nei (<i>Trichiurus</i> spp), Octopuses nei (<i>Octopus</i> spp)	Longlines (not specified), (Midwater)	Number of Vessels: 17, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),West Sea	Common bottlenose dolphin (Coastal area of the East Sea) Common minke whale (J Stock) Finless porpoise unspecified (Yellow sea of South Korea) Spotted seal, largha seal (Yellow Sea)	Common bottlenose dolphin (Coastal area of the East Sea): UNKNOWN Common minke whale (J Stock): UNKNOWN Finless porpoise unspecified (Yellow sea of South Korea): UNKNOWN Spotted seal, largha seal (Yellow Sea): UNKNOWN	
Conger eels nei (<i>Conger</i> spp), Hairtails nei (<i>Trichiurus</i> spp), Octopuses nei (<i>Octopus</i> spp), Rays and skates nei (<i>Rajidae</i>)	Longlines (not specified), (Midwater)	Number of Vessels: 6, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),East Sea	Common dolphin, saddleback dolphin (Coastal area of the East Sea) Pacific white-sided dolphin (Coastal area of the East Sea) Risso's dolphin, grampus (STOCK NOT SPECIFIED)	Common dolphin, saddleback dolphin (Coastal area of the East Sea): UNKNOWN Pacific white-sided dolphin (Coastal area of the East Sea): UNKNOWN Risso's dolphin, grampus (STOCK NOT SPECIFIED): UNKNOWN	
Flathead grey mullet (<i>Mugil cephalus</i>), Octopuses nei (<i>Octopus</i> spp)	Longlines (not specified), (Pelagic)	Number of Vessels: 4022, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),West Sea	Common bottlenose dolphin (Coastal area of the East Sea) Common minke whale (J Stock) Finless porpoise unspecified (Yellow sea of South Korea) Spotted seal, largha seal (Yellow Sea)	Common bottlenose dolphin (Coastal area of the East Sea): UNKNOWN Common minke whale (J Stock): UNKNOWN Finless porpoise unspecified (Yellow sea of South Korea): .4 Spotted seal, largha seal (Yellow Sea): UNKNOWN	
Flathead grey mullet (<i>Mugil cephalus</i>), Octopuses nei (<i>Octopus</i> spp)	Longlines (not specified), (Pelagic)	Number of Vessels: 14501, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),South Sea	Common dolphin, saddleback dolphin (Coastal area of the East Sea) Common minke whale (J Stock) Finless porpoise unspecified (South/East Sea)	Common dolphin, saddleback dolphin (Coastal area of the East Sea): .2 Common minke whale (J Stock): UNKNOWN Finless porpoise unspecified (South/East Sea): .2	
Red snow crab (<i>Chionoecetes japonicus</i>)	Pots/traps, (Bottom)	Number of Vessels: none provided, Licenses: 296, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),East Sea	Common dolphin, saddleback dolphin (Coastal area of the East Sea) Common minke whale (J Stock) Fin whale (STOCK NOT SPECIFIED) Pacific white-sided dolphin (Coastal area of the East Sea)	Common dolphin, saddleback dolphin (Coastal area of the East Sea): 8.4 Common minke whale (J Stock): 3.8 Fin whale (STOCK NOT SPECIFIED): UNKNOWN Pacific white-sided dolphin (Coastal area of the East Sea): .4	
Bladder moon snail (<i>Polinices didyma</i>)	Pots/traps, (Bottom)	UNKNOWN	EEZ,(FAO:61 Pacific Northwest)			

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Southern bluefin tuna (<i>Thunnus maccoyii</i>)	Longlines (not specified), (Pelagic)	Number of Vessels: 11, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	High Seas,(FAO:47 Atlantic Southeast, FAO:57 Indian Ocean Eastern, FAO:51 Indian Ocean Western),47.C.0, 47.C.1, 47.D.0, 47.D.1, 51.7, 51.8, 57.3, 57.4,Highseas(Indian and Atlantic Ocean)			CCSBT
Albacore (<i>Thunnus alalunga</i>), Bigeye tuna (<i>Thunnus obesus</i>), Pacific bluefin tuna (<i>Thunnus orientalis</i>), Skipjack tuna (<i>Katsuwonus pelamis</i>), Yellowfin tuna (<i>Thunnus albacares</i>)	Longlines (not specified), (Pelagic)	Number of Vessels: 100, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	High Seas,(FAO:77 Pacific Eastern Central, FAO:87 Pacific Southeast),87.1.4, 87.2.6,High seas			IATTC
Cuttlefishes <i>nei</i> (<i>Sepia</i> spp), Soles <i>nei</i> (<i>Soleidae</i>)	Trawls (not specified), (Bottom)	Number of Vessels: 64, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),South Sea	Common bottlenose dolphin (Coastal area of the East Sea) Common dolphin, saddleback dolphin (Coastal area of the East Sea) Common minke whale (J Stock) False killer whale (STOCK NOT SPECIFIED) Finless porpoise unspecified (South/East Sea) Finless porpoise unspecified (Yellow sea of South Korea)	Common bottlenose dolphin (Coastal area of the East Sea): .4 Common dolphin, saddleback dolphin (Coastal area of the East Sea): .2 Common minke whale (J Stock): UNKNOWN False killer whale (STOCK NOT SPECIFIED): .4 Finless porpoise unspecified (South/East Sea): 31.2 Finless porpoise unspecified (Yellow sea of South Korea): UNKNOWN	
Silver pomfret (<i>Pampus argenteus</i>)	Trawls (not specified), (Bottom)	Number of Vessels: 81, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),South Sea	Common bottlenose dolphin (Coastal area of the East Sea) Common dolphin, saddleback dolphin (Coastal area of the East Sea) Common minke whale (J Stock) False killer whale (STOCK NOT SPECIFIED) Finless porpoise unspecified (South/East Sea) Finless porpoise unspecified (Yellow sea of South Korea)	Common bottlenose dolphin (Coastal area of the East Sea): .8 Common dolphin, saddleback dolphin (Coastal area of the East Sea): .4 Common minke whale (J Stock): .2 False killer whale (STOCK NOT SPECIFIED): .2 Finless porpoise unspecified (South/East Sea): 39.2 Finless porpoise unspecified (Yellow sea of South Korea): UNKNOWN	
Webfoot octopus (<i>Octopus membranaceus</i>)	Trawls (not specified), (Bottom)	Number of Vessels: 78, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),West Sea	Common bottlenose dolphin (Coastal area of the East Sea) Common minke whale (J Stock) Finless porpoise unspecified (Yellow sea of South Korea)	Common bottlenose dolphin (Coastal area of the East Sea): 1.6 Common minke whale (J Stock): .2 Finless porpoise unspecified (Yellow sea of South Korea): .2	
Japanese spiny lobster (<i>Panulirus japonicus</i>)	Trawls (not specified), (Bottom)	Number of Vessels: 17, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),South Sea	Common bottlenose dolphin (Coastal area of the East Sea) Common dolphin, saddleback dolphin (Coastal area of the East Sea) Common minke whale (J Stock) False killer whale (STOCK NOT SPECIFIED) Finless porpoise unspecified (South/East Sea) Finless porpoise unspecified (Yellow sea of South Korea)	Common bottlenose dolphin (Coastal area of the East Sea): .2 Common dolphin, saddleback dolphin (Coastal area of the East Sea): UNKNOWN Common minke whale (J Stock): UNKNOWN False killer whale (STOCK NOT SPECIFIED): UNKNOWN Finless porpoise unspecified (South/East Sea): 8 Finless porpoise unspecified (Yellow sea of South Korea): UNKNOWN	
<i>Thamnaconus modestus</i> (<i>Thamnaconus modestus</i>), Threadtail filefish (<i>Stephanolepis cirrhifer</i>), Various squids <i>nei</i> (<i>Loliginidae</i> , <i>Ommastrephidae</i>)	Trawls (not specified), (Bottom)	Number of Vessels: 52, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),South Sea	Common bottlenose dolphin (Coastal area of the East Sea) Common dolphin, saddleback dolphin (Coastal area of the East Sea) Common minke whale (J Stock) False killer whale (STOCK NOT SPECIFIED) Finless porpoise unspecified (South/East Sea) Finless porpoise unspecified (Yellow sea of South Korea)	Common bottlenose dolphin (Coastal area of the East Sea): .4 Common dolphin, saddleback dolphin (Coastal area of the East Sea): .2 Common minke whale (J Stock): UNKNOWN False killer whale (STOCK NOT SPECIFIED): UNKNOWN Finless porpoise unspecified (South/East Sea): 26 Finless porpoise unspecified (Yellow sea of South Korea): UNKNOWN	

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Jack and horse mackerels nei (Trachurus spp), Pacific herring (Clupea pallasii), Rays and skates nei (Rajidae), Righteye flounders nei (Pleuronectidae), Various squids nei (Loliginidae, Ommastrephidae)	Trawls (not specified), (Bottom)	Number of Vessels: 38, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),East Sea	Common bottlenose dolphin (Coastal area of the East Sea) Common dolphin, saddleback dolphin (Coastal area of the East Sea) Common minke whale (J Stock) Dall's porpoise, Dall porpoise (STOCK NOT SPECIFIED) Finless porpoise unspecified (South/East Sea) Finless porpoise unspecified (Yellow sea of South Korea) Pacific white-sided dolphin (Coastal area of the East Sea)	Common bottlenose dolphin (Coastal area of the East Sea): UNKNOWN Common dolphin, saddleback dolphin (Coastal area of the East Sea): .8 Common minke whale (J Stock): .2 Dall's porpoise, Dall porpoise (STOCK NOT SPECIFIED): UNKNOWN Finless porpoise unspecified (South/East Sea): .2 Finless porpoise unspecified (Yellow sea of South Korea): UNKNOWN Pacific white-sided dolphin (Coastal area of the East Sea): .2	
Anchovies nei (Engraulis spp), Hairtails nei (Trichiurus spp), Japanese Spanish mackerel (Scomberomorus niphonius), Japanese seabream (Pagrus major), Mackerels nei (Scombridae), Mi-iuy (brown) croaker (Miichthys miiuy)	Trawls (not specified), (Midwater)	Number of Vessels: 52, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),South Sea	Common bottlenose dolphin (Coastal area of the East Sea) Common dolphin, saddleback dolphin (Coastal area of the East Sea) Common minke whale (J Stock) False killer whale (STOCK NOT SPECIFIED) Finless porpoise unspecified (South/East Sea) Finless porpoise unspecified (Yellow sea of South Korea)	Common bottlenose dolphin (Coastal area of the East Sea): .4 Common dolphin, saddleback dolphin (Coastal area of the East Sea): .2 Common minke whale (J Stock): UNKNOWN False killer whale (STOCK NOT SPECIFIED): UNKNOWN Finless porpoise unspecified (South/East Sea): 26 Finless porpoise unspecified (Yellow sea of South Korea): UNKNOWN	
Alaska pollock(=Walleye poll.) (Theragra chalcogramma), Pacific cod (Gadus macrocephalus), Pacific herring (Clupea pallasii), Pacific saury (Cololabis saira), Pufferfishes nei (Takifugu spp)	Trawls (not specified), (Pelagic)	Number of Vessels: 3, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,Russia,(FAO:61 Pacific Northwest),Russian Sea			
Hairtails nei (Trichiurus spp), Herrings/sardines nei (Clupeidae), Jack and horse mackerels nei (Trachurus spp), Mackerels nei (Scombridae), Mi-iuy (brown) croaker (Miichthys miiuy), Northern cods nei (Gadus spp), Rays and skates nei (Rajidae), armored weaselfish (Hoplobrotula armata)	Trawls (not specified), (Bottom)	Number of Vessels: 10, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	High Seas,(FAO:41 Atlantic Southwest),41.3.1, 41.3.2, 41.3.3,Atlantic Ocean			
Jack and horse mackerels nei (Trachurus spp)	Trawls (not specified), (Midwater)	Number of Vessels: 2, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	High Seas,(FAO:87 Pacific Southeast),87.2.1, 87.2.11, 87.2.12, 87.2.13, 87.2.14, 87.2.15, 87.2.16, 87.2.17, 87.2.2, 87.2.21, 87.2.22, 87.2.23, 87.2.24, 87.2.25, 87.2.26, 87.2.27, 87.2.3, 87.2.4, 87.2.5, 87.2.6,Pacific Ocean			SPRFMO
Anchovies nei (Engraulis spp)	Anchovy dragnet (pair trawl), (Pelagic)	Number of Vessels: 72, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),South Sea	Common bottlenose dolphin (Coastal area of the East Sea) Common dolphin, saddleback dolphin (Coastal area of the East Sea) Common minke whale (J Stock) False killer whale (STOCK NOT SPECIFIED) Finless porpoise unspecified (South/East Sea)	Common bottlenose dolphin (Coastal area of the East Sea): UNKNOWN Common dolphin, saddleback dolphin (Coastal area of the East Sea): UNKNOWN Common minke whale (J Stock): UNKNOWN False killer whale (STOCK NOT SPECIFIED): UNKNOWN Finless porpoise unspecified (South/East Sea): UNKNOWN	
Octopuses nei (Octopus spp)	octopus pots, (Bottom)	Number of Vessels: 7, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),South Sea			
marine shrimps nei	Beam trawls, (Pelagic)	Number of Vessels: 596, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),South Sea			

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Flatfishes nei (Pleuronectiformes), Jack and horse mackerels nei (Trachurus spp), Japanese amberjack (Seriola quinqueradiata), Japanese sandfish (Arctoscopus japonicus)	Set gillnets/set nets (anchored), (Bottom)	Number of Vessels: 104, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),East Sea	Common dolphin, saddleback dolphin (Coastal area of the East Sea) Harbor porpoise (STOCK NOT SPECIFIED) Killer whale, orca (STOCK NOT SPECIFIED) Pacific white-sided dolphin (Coastal area of the East Sea)	Common dolphin, saddleback dolphin (Coastal area of the East Sea): 3.2 Harbor porpoise (STOCK NOT SPECIFIED): .2 Killer whale, orca (STOCK NOT SPECIFIED): .2 Pacific white-sided dolphin (Coastal area of the East Sea): .8	
Anchovies nei (Engraulis spp), Flatfishes nei (Pleuronectiformes), Japanese seabass (Lateolabrax japonicus), Pacific cod (Gadus macrocephalus)	Set gillnets/set nets (anchored), (Bottom)	Number of Vessels: 1152, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),South Sea	Common minke whale (J Stock) Finless porpoise unspecified (South/East Sea)	Common minke whale (J Stock): .2 Finless porpoise unspecified (South/East Sea): .6	
Flathead grey mullet (Mugil cephalus), Jack and horse mackerels nei (Trachurus spp), Japanese amberjack (Seriola quinqueradiata), Japanese seabream (Pagrus major)	Set gillnets/set nets (anchored), (Bottom)	Number of Vessels: 116, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),West Sea	Finless porpoise unspecified (Yellow sea of South Korea)	Finless porpoise unspecified (Yellow sea of South Korea): .2	
multispecies fishery unspecified (Osteichthyes)	Gillnets and entangling nets (not specified), (Midwater)	UNKNOWN	EEZ,(FAO:61 Pacific Northwest),East Sea	False killer whale (STOCK NOT SPECIFIED) Harbor porpoise (STOCK NOT SPECIFIED) Killer whale, orca (STOCK NOT SPECIFIED)	False killer whale (STOCK NOT SPECIFIED): UNKNOWN Harbor porpoise (STOCK NOT SPECIFIED): UNKNOWN Killer whale, orca (STOCK NOT SPECIFIED): UNKNOWN	
multispecies fishery unspecified (Osteichthyes)	Pound nets, (Midwater)	UNKNOWN	EEZ,(FAO:61 Pacific Northwest),East Sea	Common bottlenose dolphin (Coastal area of the East Sea) Common dolphin, saddleback dolphin (Coastal area of the East Sea) Common minke whale (J Stock) Dall's porpoise, Dall porpoise (STOCK NOT SPECIFIED) False killer whale (STOCK NOT SPECIFIED) Finless porpoise unspecified (South/East Sea) Finless porpoise unspecified (Yellow sea of South Korea) Harbor porpoise (STOCK NOT SPECIFIED) Northern fur seal (Tuleny Island, Russia) Pacific white-sided dolphin (Coastal area of the East Sea) Risso's dolphin, grampus (STOCK NOT SPECIFIED)	Common bottlenose dolphin (Coastal area of the East Sea): .2 Common dolphin, saddleback dolphin (Coastal area of the East Sea): 50.6 Common minke whale (J Stock): 7 Dall's porpoise, Dall porpoise (STOCK NOT SPECIFIED): UNKNOWN False killer whale (STOCK NOT SPECIFIED): .4 Finless porpoise unspecified (South/East Sea): .2 Finless porpoise unspecified (Yellow sea of South Korea): UNKNOWN Harbor porpoise (STOCK NOT SPECIFIED): .6 Northern fur seal (Tuleny Island, Russia): 1.8 Pacific white-sided dolphin (Coastal area of the East Sea): .8 Risso's dolphin, grampus (STOCK NOT SPECIFIED): .2	
multispecies fishery unspecified (Osteichthyes)	Pots/traps, (Bottom)	UNKNOWN	EEZ,(FAO:61 Pacific Northwest),East Sea	Common dolphin, saddleback dolphin (Coastal area of the East Sea) Common minke whale (J Stock) Finless porpoise unspecified (South/East Sea) Humpback whale (STOCK NOT SPECIFIED) Pacific white-sided dolphin (Coastal area of the East Sea) Risso's dolphin, grampus (STOCK NOT SPECIFIED) Short-finned pilot whale (STOCK NOT SPECIFIED)	Common dolphin, saddleback dolphin (Coastal area of the East Sea): 16.8 Common minke whale (J Stock): 7.6 Finless porpoise unspecified (South/East Sea): .2 Humpback whale (STOCK NOT SPECIFIED): .2 Pacific white-sided dolphin (Coastal area of the East Sea): .8 Risso's dolphin, grampus (STOCK NOT SPECIFIED): .4 Short-finned pilot whale (STOCK NOT SPECIFIED): .2	
multispecies fishery unspecified (Osteichthyes)	Other (Please Specify), (Midwater)	UNKNOWN	EEZ,(FAO:61 Pacific Northwest),East Sea - Gyeongbuk	Common dolphin, saddleback dolphin (Coastal area of the East Sea)	Common dolphin, saddleback dolphin (Coastal area of the East Sea): UNKNOWN	
multispecies fishery unspecified (Osteichthyes)	Unknown/Gear not known/Not provided, (Midwater)	UNKNOWN	EEZ,(FAO:61 Pacific Northwest),East Sea	Finless porpoise unspecified (Yellow sea of South Korea)	Finless porpoise unspecified (Yellow sea of South Korea): UNKNOWN	
multispecies fishery unspecified (Osteichthyes)	Unknown/Gear not known/Not provided, (Midwater)	UNKNOWN	EEZ,(FAO:61 Pacific Northwest),South Sea	Finless porpoise unspecified (Yellow sea of South Korea)	Finless porpoise unspecified (Yellow sea of South Korea): UNKNOWN	

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
multispecies fishery unspecified (Osteichthyes)	Unknown/Gear not known/Not provided, (Midwater)	UNKNOWN	EEZ,(FAO:61 Pacific Northwest),West Sea	Common dolphin, saddleback dolphin (Coastal area of the East Sea) Common minke whale (J Stock) Finless porpoise unspecified (Yellow sea of South Korea) Pacific white-sided dolphin (Coastal area of the East Sea) Spotted seal, largha seal (Yellow Sea)	Common dolphin, saddleback dolphin (Coastal area of the East Sea): UNKNOWN Common minke whale (J Stock): UNKNOWN Finless porpoise unspecified (Yellow sea of South Korea): UNKNOWN Pacific white-sided dolphin (Coastal area of the East Sea): UNKNOWN Spotted seal, largha seal (Yellow Sea): UNKNOWN	
Capelin (Mallotus villosus), Smelts nei (Osmerus spp, Hypomesus spp)	Unknown/Gear not known/Not provided, (Midwater)	UNKNOWN	EEZ,(FAO:61 Pacific Northwest),none provided			
Flathead grey mullet (Mugil cephalus), Octopuses nei (Octopus spp)	Longlines (not specified), (Pelagic)	Number of Vessels: 1555, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),East Sea	Common dolphin, saddleback dolphin (Coastal area of the East Sea) Pacific white-sided dolphin (Coastal area of the East Sea) Risso's dolphin, grampus (STOCK NOT SPECIFIED)	Common dolphin, saddleback dolphin (Coastal area of the East Sea): 2.2 Pacific white-sided dolphin (Coastal area of the East Sea): .2 Risso's dolphin, grampus (STOCK NOT SPECIFIED): UNKNOWN	
Pacific cod (Gadus macrocephalus), Rays and skates nei (Rajidae)	Longlines (not specified), (Bottom)	Number of Vessels: 2, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,Russia,(FAO:61 Pacific Northwest),Russia			
Japanese rockfish (Sebastes inermis), Korean rockfish (Sebastes schlegeli)	Longlines (not specified), (Midwater)	Number of Vessels: 1222, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),East Sea	Common dolphin, saddleback dolphin (Coastal area of the East Sea) Common minke whale (J Stock) Finless porpoise unspecified (Yellow sea of South Korea) Harbor porpoise (STOCK NOT SPECIFIED)	Common dolphin, saddleback dolphin (Coastal area of the East Sea): UNKNOWN Common minke whale (J Stock): UNKNOWN Finless porpoise unspecified (Yellow sea of South Korea): UNKNOWN Harbor porpoise (STOCK NOT SPECIFIED): UNKNOWN	
Japanese rockfish (Sebastes inermis), Korean rockfish (Sebastes schlegeli)	Longlines (not specified), (Midwater)	Number of Vessels: 12333, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),South Sea	Common dolphin, saddleback dolphin (Coastal area of the East Sea) Common minke whale (J Stock) Finless porpoise unspecified (Yellow sea of South Korea) Harbor porpoise (STOCK NOT SPECIFIED)	Common dolphin, saddleback dolphin (Coastal area of the East Sea): UNKNOWN Common minke whale (J Stock): UNKNOWN Finless porpoise unspecified (Yellow sea of South Korea): UNKNOWN Harbor porpoise (STOCK NOT SPECIFIED): UNKNOWN	
Hexagrammos otakii (Hexagrammos otakii)	Longlines (not specified), (Midwater)	Number of Vessels: 1222, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),East Sea	Common dolphin, saddleback dolphin (Coastal area of the East Sea) Common minke whale (J Stock) Finless porpoise unspecified (Yellow sea of South Korea) Harbor porpoise (STOCK NOT SPECIFIED) Risso's dolphin, grampus (STOCK NOT SPECIFIED)	Common dolphin, saddleback dolphin (Coastal area of the East Sea): UNKNOWN Common minke whale (J Stock): UNKNOWN Finless porpoise unspecified (Yellow sea of South Korea): UNKNOWN Harbor porpoise (STOCK NOT SPECIFIED): UNKNOWN Risso's dolphin, grampus (STOCK NOT SPECIFIED): UNKNOWN	
Octopuses nei (Octopus spp), Rays and skates nei (Rajidae)	Longlines (not specified), (Bottom)	Number of Vessels: 230, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),South Sea	Common dolphin, saddleback dolphin (Coastal area of the East Sea) Common minke whale (J Stock)	Common dolphin, saddleback dolphin (Coastal area of the East Sea): UNKNOWN Common minke whale (J Stock): UNKNOWN	
Pufferfishes nei (Takifugu spp), Righteye flounders nei (Pleuronectidae)	Longlines (not specified), (Midwater)	Number of Vessels: 6, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),East Sea	Common dolphin, saddleback dolphin (Coastal area of the East Sea) Pacific white-sided dolphin (Coastal area of the East Sea)	Common dolphin, saddleback dolphin (Coastal area of the East Sea): UNKNOWN Pacific white-sided dolphin (Coastal area of the East Sea): UNKNOWN	
Conger eels nei (Conger spp), Hairtails nei (Trichiurus spp), Horsehead tilefish (Branchiostegus japonicus), Japanese Spanish mackerel (Scomberomorus niphonius), Pacific cod (Gadus macrocephalus), Pufferfishes nei (Takifugu spp), Righteye flounders nei (Pleuronectidae)	Longlines (not specified), (Midwater)	Number of Vessels: 230, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),South Sea	Common dolphin, saddleback dolphin (Coastal area of the East Sea) Common minke whale (J Stock)	Common dolphin, saddleback dolphin (Coastal area of the East Sea): UNKNOWN Common minke whale (J Stock): UNKNOWN	

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Conger eels nei (Conger spp), Japanese Spanish mackerel (Scomberomorus niphonius), Rays and skates nei (Rajidae), Righteye flounders nei (Pleuronectidae)	Longlines (not specified), (Midwater)	Number of Vessels: 15, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),West Sea	Common bottlenose dolphin (Coastal area of the East Sea) Common minke whale (J Stock) Finless porpoise unspecified (Yellow sea of South Korea) Spotted seal, largha seal (Yellow Sea)	Common bottlenose dolphin (Coastal area of the East Sea): UNKNOWN Common minke whale (J Stock): UNKNOWN Finless porpoise unspecified (Yellow sea of South Korea): UNKNOWN Spotted seal, largha seal (Yellow Sea): UNKNOWN	
Various squids nei (Loliginidae, Ommastrephidae)	Pound nets, (Midwater)	Number of Vessels: none provided, Licenses: 180, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),East Sea	Common bottlenose dolphin (Coastal area of the East Sea) Common dolphin, saddleback dolphin (Coastal area of the East Sea) Common minke whale (J Stock) Dall's porpoise, Dall porpoise (STOCK NOT SPECIFIED) False killer whale (STOCK NOT SPECIFIED) Finless porpoise unspecified (South/East Sea) Finless porpoise unspecified (Yellow sea of South Korea) Harbor porpoise (STOCK NOT SPECIFIED) Northern fur seal (Tuleny Island, Russia) Pacific white-sided dolphin (Coastal area of the East Sea) Risso's dolphin, grampus (STOCK NOT SPECIFIED)	Common bottlenose dolphin (Coastal area of the East Sea): .2 Common dolphin, saddleback dolphin (Coastal area of the East Sea): 50.4 Common minke whale (J Stock): 6.6 Dall's porpoise, Dall porpoise (STOCK NOT SPECIFIED): .2 False killer whale (STOCK NOT SPECIFIED): .4 Finless porpoise unspecified (South/East Sea): .4 Finless porpoise unspecified (Yellow sea of South Korea): UNKNOWN Harbor porpoise (STOCK NOT SPECIFIED): .6 Northern fur seal (Tuleny Island, Russia): 1.8 Pacific white-sided dolphin (Coastal area of the East Sea): 1.2 Risso's dolphin, grampus (STOCK NOT SPECIFIED): .2	
Japanese amberjack (Seriola quinqueradiata)	Pound nets, (Midwater)	Number of Vessels: none provided, Licenses: 180, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),East sea	Common dolphin, saddleback dolphin (Coastal area of the East Sea) Common minke whale (J Stock) Dall's porpoise, Dall porpoise (STOCK NOT SPECIFIED) False killer whale (STOCK NOT SPECIFIED) Finless porpoise unspecified (South/East Sea) Finless porpoise unspecified (Yellow sea of South Korea) Harbor porpoise (STOCK NOT SPECIFIED) Northern fur seal (Tuleny Island, Russia) Pacific white-sided dolphin (Coastal area of the East Sea) Risso's dolphin, grampus (STOCK NOT SPECIFIED) Spotted seal, largha seal (South/East Sea)	Common dolphin, saddleback dolphin (Coastal area of the East Sea): 50.6 Common minke whale (J Stock): 6.8 Dall's porpoise, Dall porpoise (STOCK NOT SPECIFIED): .2 False killer whale (STOCK NOT SPECIFIED): .2 Finless porpoise unspecified (South/East Sea): .2 Finless porpoise unspecified (Yellow sea of South Korea): UNKNOWN Harbor porpoise (STOCK NOT SPECIFIED): .8 Northern fur seal (Tuleny Island, Russia): 2 Pacific white-sided dolphin (Coastal area of the East Sea): 1 Risso's dolphin, grampus (STOCK NOT SPECIFIED): .2 Spotted seal, largha seal (South/East Sea): .2	
Pacific herring (Clupea pallasii)	Pound nets, (Midwater)	Number of Vessels: none provided, Licenses: 180, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),East Sea	Common dolphin, saddleback dolphin (Coastal area of the East Sea) Common minke whale (J Stock) Dall's porpoise, Dall porpoise (STOCK NOT SPECIFIED) False killer whale (STOCK NOT SPECIFIED) Finless porpoise unspecified (South/East Sea) Finless porpoise unspecified (Yellow sea of South Korea) Harbor porpoise (STOCK NOT SPECIFIED) Northern fur seal (Tuleny Island, Russia) Pacific white-sided dolphin (Coastal area of the East Sea) Risso's dolphin, grampus (STOCK NOT SPECIFIED) Spotted seal, largha seal (South/East Sea)	Common dolphin, saddleback dolphin (Coastal area of the East Sea): 50.6 Common minke whale (J Stock): 6.8 Dall's porpoise, Dall porpoise (STOCK NOT SPECIFIED): UNKNOWN False killer whale (STOCK NOT SPECIFIED): .2 Finless porpoise unspecified (South/East Sea): .4 Finless porpoise unspecified (Yellow sea of South Korea): UNKNOWN Harbor porpoise (STOCK NOT SPECIFIED): .6 Northern fur seal (Tuleny Island, Russia): 2 Pacific white-sided dolphin (Coastal area of the East Sea): 1.2 Risso's dolphin, grampus (STOCK NOT SPECIFIED): .2 Spotted seal, largha seal (South/East Sea): .2	
Atlantic bluefin tuna (Thunnus thynnus), Bigeye tuna (Thunnus obesus)	Purse seines, (Pelagic)	Number of Vessels: 0, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	High Seas,Ghana,(FAO:37 Mediterranean and Black Sea),Mediterranean Sea			ICCAT
Thamnaconus modestus (Thamnaconus modestus), Threadsail filefish (Stephanolepis cirrhifer)	Purse seines, (Pelagic)	Number of Vessels: 95, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),South Sea	Common bottlenose dolphin (Coastal area of the East Sea) Finless porpoise unspecified (South/East Sea) Finless porpoise unspecified (Yellow sea of South Korea)	Common bottlenose dolphin (Coastal area of the East Sea): UNKNOWN Finless porpoise unspecified (South/East Sea): .4 Finless porpoise unspecified (Yellow sea of South Korea): UNKNOWN	

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Righteye flounders nei (Pleuronectidae), Thamnaconus modestus (Thamnaconus modestus), Threadsail filefish (Stephanolepis cirrifer)	Purse seines, (Pelagic)	Number of Vessels: 43, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),East Sea	Common dolphin, saddleback dolphin (Coastal area of the East Sea)	Common dolphin, saddleback dolphin (Coastal area of the East Sea): .2	
Pacific herring (Clupea pallasii)	Purse seines, (Pelagic)	Number of Vessels: 33, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),West Sea			
Pacific herring (Clupea pallasii)	Purse seines, (Pelagic)	Number of Vessels: 54, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),South Sea	Common bottlenose dolphin (Coastal area of the East Sea) Finless porpoise unspecified (South/East Sea) Finless porpoise unspecified (Yellow sea of South Korea)	Common bottlenose dolphin (Coastal area of the East Sea): UNKNOWN Finless porpoise unspecified (South/East Sea): .2 Finless porpoise unspecified (Yellow sea of South Korea): UNKNOWN	
Japanese Spanish mackerel (Scomberomorus niphonius), Mackerels nei (Scombridae), Pacific herring (Clupea pallasii), Pacific saury (Cololabis saira), Various squids nei (Loliginidae, Ommastrephidae), marine shrimps nei	Purse seines, (Pelagic)	Number of Vessels: 37, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),East Sea	Common dolphin, saddleback dolphin (Coastal area of the East Sea)	Common dolphin, saddleback dolphin (Coastal area of the East Sea): UNKNOWN	
Anchovies nei (Engraulis spp), Dotted gizzard shad (Konosirus punctatus), Hairtails nei (Trichiurus spp), Herrings/sardines nei (Clupeidae), Jack and horse mackerels nei (Trachurus spp), Japanese Spanish mackerel (Scomberomorus niphonius), Japanese halfbeak (Hyporhamphus sajori), Mackerels nei (Scombridae), Pacific bluefin tuna (Thunnus orientalis), Pacific herring (Clupea pallasii), Pacific saury (Cololabis saira), Yellowtail amberjack (Seriola lalandi)	Purse seines, (Pelagic)	Number of Vessels: 327, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),South Sea	Finless porpoise unspecified (South/East Sea) Finless porpoise unspecified (Yellow sea of South Korea)	Finless porpoise unspecified (South/East Sea): 1.4 Finless porpoise unspecified (Yellow sea of South Korea): UNKNOWN	
Japanese Spanish mackerel (Scomberomorus niphonius), Japanese amberjack (Seriola quinqueradiata), Mackerels nei (Scombridae)	Purse seines, (Pelagic)	Number of Vessels: 105, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),West Sea			
Pacific cod (Gadus macrocephalus)	Set gillnets/set nets (anchored), (Bottom)	Number of Vessels: 7, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),West Sea	Common minke whale (J Stock) Spotted seal, largha seal (Yellow Sea)	Common minke whale (J Stock): UNKNOWN Spotted seal, largha seal (Yellow Sea): UNKNOWN	
Pacific cod (Gadus macrocephalus)	Set gillnets/set nets (anchored), (Bottom)	Number of Vessels: 521, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),South Sea	Common minke whale (J Stock) Finless porpoise unspecified (South/East Sea) Finless porpoise unspecified (Yellow sea of South Korea)	Common minke whale (J Stock): UNKNOWN Finless porpoise unspecified (South/East Sea): .2 Finless porpoise unspecified (Yellow sea of South Korea): UNKNOWN	

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Pacific cod (<i>Gadus macrocephalus</i>)	Set gillnets/set nets (anchored), (Bottom)	Number of Vessels: 17, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),East Sea	Common bottlenose dolphin (Coastal area of the East Sea) Common dolphin, saddleback dolphin (Coastal area of the East Sea) Common minke whale (J Stock) Dall's porpoise, Dall porpoise (STOCK NOT SPECIFIED) Finless porpoise unspecified (Yellow sea of South Korea) Harbor porpoise (STOCK NOT SPECIFIED) Northern fur seal (Tuleny Island, Russia) Pacific white-sided dolphin (Coastal area of the East Sea) Risso's dolphin, grampus (STOCK NOT SPECIFIED) Spotted seal, largha seal (Yellow Sea)	Common bottlenose dolphin (Coastal area of the East Sea): UNKNOWN Common dolphin, saddleback dolphin (Coastal area of the East Sea): UNKNOWN Common minke whale (J Stock): UNKNOWN Dall's porpoise, Dall porpoise (STOCK NOT SPECIFIED): UNKNOWN Finless porpoise unspecified (Yellow sea of South Korea): UNKNOWN Harbor porpoise (STOCK NOT SPECIFIED): UNKNOWN Northern fur seal (Tuleny Island, Russia): UNKNOWN Pacific white-sided dolphin (Coastal area of the East Sea): UNKNOWN Risso's dolphin, grampus (STOCK NOT SPECIFIED): UNKNOWN Spotted seal, largha seal (Yellow Sea): UNKNOWN	
Japanese amberjack (<i>Seriola quinqueradiata</i>)	Set gillnets/set nets (anchored), (Bottom)	Number of Vessels: 21, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),West Sea	Common minke whale (J Stock) Spotted seal, largha seal (Yellow Sea)	Common minke whale (J Stock): UNKNOWN Spotted seal, largha seal (Yellow Sea): UNKNOWN	
Atka mackerel (<i>Pleurogrammus monopterygius</i>), Jack and horse mackerels nei (<i>Trachurus</i> spp), Japanese Spanish mackerel (<i>Scomberomorus niphonius</i>), Japanese amberjack (<i>Seriola quinqueradiata</i>), Mackerels nei (<i>Scombridae</i>), Pacific herring (<i>Clupea pallasii</i>), Various squids nei (<i>Loliginidae</i> , <i>Ommastrephidae</i>)	Set gillnets/set nets (anchored), (Bottom)	Number of Vessels: 181, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),East Sea	Common dolphin, saddleback dolphin (Coastal area of the East Sea) Common minke whale (J Stock) Dall's porpoise, Dall porpoise (STOCK NOT SPECIFIED) Finless porpoise unspecified (South/East Sea) Finless porpoise unspecified (Yellow sea of South Korea) Harbor porpoise (STOCK NOT SPECIFIED) Northern fur seal (Tuleny Island, Russia) Pacific white-sided dolphin (Coastal area of the East Sea) Risso's dolphin, grampus (STOCK NOT SPECIFIED) Spotted seal, largha seal (Yellow Sea)	Common dolphin, saddleback dolphin (Coastal area of the East Sea): 4.8 Common minke whale (J Stock): .2 Dall's porpoise, Dall porpoise (STOCK NOT SPECIFIED): UNKNOWN Finless porpoise unspecified (South/East Sea): .8 Finless porpoise unspecified (Yellow sea of South Korea): UNKNOWN Harbor porpoise (STOCK NOT SPECIFIED): UNKNOWN Northern fur seal (Tuleny Island, Russia): UNKNOWN Pacific white-sided dolphin (Coastal area of the East Sea): 1.6 Risso's dolphin, grampus (STOCK NOT SPECIFIED): .6 Spotted seal, largha seal (Yellow Sea): UNKNOWN	
Jack and horse mackerels nei (<i>Trachurus</i> spp), Japanese Spanish mackerel (<i>Scomberomorus niphonius</i>), Japanese amberjack (<i>Seriola quinqueradiata</i>), Mackerels nei (<i>Scombridae</i>)	Set gillnets/set nets (anchored), (Bottom)	Number of Vessels: 294, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),South Sea	Common minke whale (J Stock) Finless porpoise unspecified (South/East Sea) Finless porpoise unspecified (Yellow sea of South Korea)	Common minke whale (J Stock): UNKNOWN Finless porpoise unspecified (South/East Sea): .2 Finless porpoise unspecified (Yellow sea of South Korea): UNKNOWN	
Cuttlefishes nei (<i>Sepia</i> spp), Dotted gizzard shad (<i>Konosirus punctatus</i>)	Set gillnets/set nets (anchored), (Bottom)	Number of Vessels: 21, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),West Sea	Spotted seal, largha seal (Yellow Sea)	Spotted seal, largha seal (Yellow Sea): UNKNOWN	
Anchovies nei (<i>Engraulis</i> spp), Bastard halibut (<i>Paralichthys olivaceus</i>), Croakers nei (<i>Micropogonias</i> spp), Cuttlefishes nei (<i>Sepia</i> spp), Hairtails nei (<i>Trichiurus</i> spp), Sandeels(=Sandlances) nei (<i>Ammodytes</i> spp), marine shrimps nei	Stow nets, (Midwater)	Number of Vessels: 59, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),South Sea	Common minke whale (J Stock) Finless porpoise unspecified (South/East Sea) Finless porpoise unspecified (Yellow sea of South Korea)	Common minke whale (J Stock): .2 Finless porpoise unspecified (South/East Sea): .4 Finless porpoise unspecified (Yellow sea of South Korea): UNKNOWN	
Silver pomfret (<i>Pampus argenteus</i>)	Stow nets, (Midwater)	Number of Vessels: 549, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),West Sea	Common minke whale (J Stock) Fin whale (STOCK NOT SPECIFIED) Finless porpoise unspecified (Yellow sea of South Korea) Risso's dolphin, grampus (STOCK NOT SPECIFIED) Spotted seal, largha seal (Yellow Sea)	Common minke whale (J Stock): 2.6 Fin whale (STOCK NOT SPECIFIED): .2 Finless porpoise unspecified (Yellow sea of South Korea): 351.4 Risso's dolphin, grampus (STOCK NOT SPECIFIED): UNKNOWN Spotted seal, largha seal (Yellow Sea): .4	

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Silver pomfret (<i>Pampus argenteus</i>)	Stow nets, (Midwater)	Number of Vessels: 109, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),South Sea	Common minke whale (J Stock) Finless porpoise unspecified (South/East Sea) Finless porpoise unspecified (Yellow sea of South Korea)	Common minke whale (J Stock): .6 Finless porpoise unspecified (South/East Sea): .6 Finless porpoise unspecified (Yellow sea of South Korea): UNKNOWN	
Anchovies nei (<i>Engraulis</i> spp), Bastard halibut (<i>Paralichthys olivaceus</i>), Blackmouth angler (<i>Lophiomus setigerus</i>), Common hairfin anchovy (<i>Setipinna tenuifilis</i>), Croakers nei (<i>Micropogonias</i> spp), Cuttlefishes nei (<i>Sepia</i> spp), Flatfishes nei (<i>Pleuronectiformes</i>), Hairtails nei (<i>Trichiurus</i> spp), Pacific sandlance (<i>Ammodytes personatus</i>), Swimming crabs/etc. nei (<i>Portunidae</i>), Yellow croaker (<i>Larimichthys polyactis</i>), marine shrimps nei	Stow nets, (Midwater)	Number of Vessels: 631, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),West Sea	Common minke whale (J Stock) Fin whale (STOCK NOT SPECIFIED) Finless porpoise unspecified (Yellow sea of South Korea) Risso's dolphin, grampus (STOCK NOT SPECIFIED) Spotted seal, largha seal (Yellow Sea)	Common minke whale (J Stock): 2.6 Fin whale (STOCK NOT SPECIFIED): UNKNOWN Finless porpoise unspecified (Yellow sea of South Korea): 351.6 Risso's dolphin, grampus (STOCK NOT SPECIFIED): UNKNOWN Spotted seal, largha seal (Yellow Sea): .2	
marine shrimps nei	Pots/traps, (Bottom)	Number of Vessels: 1412, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),West Sea	Common minke whale (J Stock)	Common minke whale (J Stock): UNKNOWN	
Various squids nei (<i>Loliginidae</i> , <i>Ommastrephidae</i>)	Trawls (not specified), (Midwater)	Number of Vessels: 0, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,Japan,(FAO:61 Pacific Northwest),Pacific Ocean(East sea)	Common dolphin, saddleback dolphin (Coastal area of the East Sea) Common minke whale (J Stock) Finless porpoise unspecified (South/East Sea) Finless porpoise unspecified (Yellow sea of South Korea) Pacific white-sided dolphin (Coastal area of the East Sea) Risso's dolphin, grampus (STOCK NOT SPECIFIED)	Common dolphin, saddleback dolphin (Coastal area of the East Sea): .8 Common minke whale (J Stock): UNKNOWN Finless porpoise unspecified (South/East Sea): .2 Finless porpoise unspecified (Yellow sea of South Korea): UNKNOWN Pacific white-sided dolphin (Coastal area of the East Sea): .2 Risso's dolphin, grampus (STOCK NOT SPECIFIED): .2	
Shortfin squids nei (<i>Illex</i> spp)	Trawls (not specified), (Bottom)	Number of Vessels: 10, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	High Seas,EEZ,Falkland Islands,(FAO:41 Atlantic Southwest),41.3.1, 41.3.2, 41.3.3,Atlantic Ocean			

Spain

Exempt Fisheries						
Bonitos nei (<i>Sarda</i> spp)	Pole and Lines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic (FAO 27)			
Bonitos nei (<i>Sarda</i> spp)	Pole and Lines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Eastern Central Atlantic (FAO 34)			
Bonitos nei (<i>Sarda</i> spp)	Pole and Lines, (Pelagic)	UNKNOWN	High Seas,EEZ,(FAO:37 Mediterranean and Black Sea),Mediterranean and Black Sea (FAO 37)			GFCM
Sea cucumbers nei (<i>Holothuroidea</i>)	Diving (SCUBA and/or free-diving)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic (FAO 27)			

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Sea cucumbers nei (Holothuroidea)	Diving (SCUBA and/or free-diving)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Eastern Central Atlantic (FAO 34)			
Sea cucumbers nei (Holothuroidea)	Diving (SCUBA and/or free-diving)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Mediterranean and Black Sea (FAO 37)			
Sea urchins nei (Strongylocentrotus spp)	Diving (SCUBA and/or free-diving)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Mediterranean and Black Sea (FAO 37)			
Scallops nei (Pectinidae)	Aquaculture (coastal - shellfish beds)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ			
Sea mussels nei (Mytilidae)	Aquaculture (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Mediterranean and Black Sea (FAO 37)			
Sea mussels nei (Mytilidae)	Aquaculture (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Eastern Central Atlantic (FAO 34)			
Sea mussels nei (Mytilidae)	Aquaculture (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic (FAO 27)			
Flat and cupped oysters nei (Ostreidae)	Aquaculture (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	seashore, Mediterranean and Black Sea (FAO 37)			

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Flat and cupped oysters nei (Ostreidae)	Aquaculture (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Eastern Central Atlantic (FAO 34)			
Flat and cupped oysters nei (Ostreidae)	Aquaculture (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	seashore, Northeast Atlantic (FAO 27)			
Gilthead seabream (Sparus aurata)	Aquaculture (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Mediterranean and Black Sea (FAO 37)			
European seabass (Dicentrarchus labrax)	Aquaculture (not specified)	UNKNOWN	EEZ, Mediterranean and Black Sea (FAO 37)			
Turbot (Psetta maxima)	Aquaculture (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic (FAO 27)			
Atlantic bluefin tuna (Thunnus thynnus)	Aquaculture (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Mediterranean and Black Sea (FAO 37)			
Bigeye tuna (Thunnus obesus), Skipjack tuna (Katsuwonus pelamis), Yellowfin tuna (Thunnus albacares)	Purse seines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Western Pacific (FAO 61)			WCPFC
Bigeye tuna (Thunnus obesus), Skipjack tuna (Katsuwonus pelamis), Yellowfin tuna (Thunnus albacares)	Purse seines, (Pelagic)	Number of Vessels: 27, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	High Seas, (FAO:67 Pacific Northeast), Eastern Central Pacific (FAO 67)			WCPFC
toothfishes nei (Dissostichus spp)	Set longlines, (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	South Georgia Island (CCAMLR Subarea 48.3)			CCAMLR

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
toothfishes nei (Dissostichus spp)	Set longlines, (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	East Antarctica (CCAMLR Subarea 58.4.1)			CCAMLR
toothfishes nei (Dissostichus spp)	Set longlines, (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	CCAMLR Subarea 58.4.3a-b			CCAMLR
toothfishes nei (Dissostichus spp)	Set longlines, (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	CCAMLR Subarea 88.1-2			CCAMLR
Clams/etc. nei (Bivalvia)	Aquaculture (coastal - shellfish beds)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	seashore, Northeast Atlantic (FAO 27)			
Albacore (Thunnus alalunga), Kawakawa/mackerel tuna (Euthynnus affinis)	Pole and Lines, (Pelagic)	UNKNOWN	High Seas,EEZ,Cape Verde,Mauritania,Senegal,(FAO:34 Atlantic Eastern Central),Eastern Central Atlantic (FAO 34), Cabo Verde EEZ, Sengal EEZ, Mauritania EEZ			ICCAT
Clams/etc. nei (Bivalvia)	Aquaculture (coastal - shellfish beds)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	seashore, Mediterranean and Black Sea (FAO 37)			
Export Fisheries						
Rays and skates nei (Rajidae)	Bottom trawls (not specified), (Demersal)	Number of Vessels: 240, Licenses: 240, Participants: none provided, Aquaculture Facilities: none provided	High Seas,EEZ,(FAO:34 Atlantic Eastern Central, FAO:27 Atlantic Northeast, FAO:21 Atlantic Northwest)			CECAF,N AFO,NEA FC
Blue crab (Callinectes sapidus)		UNKNOWN	EEZ,37.1.1			
Atlantic bluefin tuna (Thunnus thynnus)	Longlines (not specified), (Pelagic)	UNKNOWN	High Seas,EEZ,Ivory Coast,Mauritania,(FAO:34 Atlantic Eastern Central)			ICCAT
Dentex nei (Dentex spp), Pandoras nei (Pagellus spp), Sargo brems nei (Diplodus spp)	Longlines (not specified), (Benthic)	UNKNOWN	High Seas,EEZ,(FAO:27 Atlantic Northeast)			
Edible crab (Cancer pagurus)		UNKNOWN	High Seas,EEZ			

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Frigate and bullet tunas (<i>Auxis thazard</i> , <i>A. rochei</i>)	Purse seines, (Pelagic)	Number of Vessels: none provided, Licenses: 26, Participants: none provided, Aquaculture Facilities: none provided	High Seas,(FAO:34 Atlantic Eastern Central, FAO:27 Atlantic Northeast, FAO:21 Atlantic Northwest, FAO:47 Atlantic Southeast, FAO:41 Atlantic Southwest, FAO:31 Atlantic Western Central, FAO:57 Indian Ocean Eastern, FAO:51 Indian Ocean Western)			
Scomber mackerels <i>nei</i> (<i>Scomber</i> spp)	Trolling lines, (Pelagic)	Number of Vessels: none provided, Licenses: 74, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:27 Atlantic Northeast),27.8.c			
Bigeye tuna (<i>Thunnus obesus</i>), Skipjack tuna (<i>Katsuwonus pelamis</i>), Yellowfin tuna (<i>Thunnus albacares</i>)	Longlines (not specified), (Pelagic)	Number of Vessels: none provided, Licenses: 4, Participants: none provided, Aquaculture Facilities: 0	EEZ,Madagascar,Mauritius, Mozambique,Reunion,Seychelles,(FAO:51 Indian Ocean Western),Eastern and Western Indian Ocean	Common dolphin, saddleback dolphin (OSPAR areas II, III & IV)	Common dolphin, saddleback dolphin (OSPAR areas II, III & IV): UNKNOWN IOTC	
Bigeye tuna (<i>Thunnus obesus</i>), Skipjack tuna (<i>Katsuwonus pelamis</i>), Yellowfin tuna (<i>Thunnus albacares</i>)	Purse seines, (Pelagic)	Number of Vessels: none provided, Licenses: 8, Participants: none provided, Aquaculture Facilities: 0	EEZ,(FAO:71 Pacific Western Central),Western Central Pacific (FAO 71)	Common dolphin, saddleback dolphin (OSPAR areas II, III & IV)	Common dolphin, saddleback dolphin (OSPAR areas II, III & IV): UNKNOWN WCPFC	
Bigeye tuna (<i>Thunnus obesus</i>), Dolphinfishes <i>nei</i> (<i>Coryphaenidae</i>), Skipjack tuna (<i>Katsuwonus pelamis</i>), Swordfish (<i>Xiphias gladius</i>), Yellowfin tuna (<i>Thunnus albacares</i>)	Longlines (not specified), (Pelagic)	Number of Vessels: none provided, Licenses: 8, Participants: none provided, Aquaculture Facilities: 0	High Seas,(FAO:71 Pacific Western Central),Western Central Pacific (FAO 71)			WCPFC
Bigeye tuna (<i>Thunnus obesus</i>), Skipjack tuna (<i>Katsuwonus pelamis</i>), Yellowfin tuna (<i>Thunnus albacares</i>)	Purse seines, (Pelagic)	Number of Vessels: none provided, Licenses: 31, Participants: none provided, Aquaculture Facilities: 0	High Seas,(FAO:81 Pacific Southwest),Southwest Pacific (FAO 81)	Common dolphin, saddleback dolphin (OSPAR areas II, III & IV)	Common dolphin, saddleback dolphin (OSPAR areas II, III & IV): UNKNOWN WCPFC	
Bigeye tuna (<i>Thunnus obesus</i>), Dolphinfishes <i>nei</i> (<i>Coryphaenidae</i>), Skipjack tuna (<i>Katsuwonus pelamis</i>), Swordfish (<i>Xiphias gladius</i>), Yellowfin tuna (<i>Thunnus albacares</i>)	Longlines (not specified), (Pelagic)	Number of Vessels: none provided, Licenses: 31, Participants: none provided, Aquaculture Facilities: 0	High Seas,(FAO:81 Pacific Southwest),Southwest Pacific (FAO 81)	Common dolphin, saddleback dolphin (OSPAR areas II, III & IV)	Common dolphin, saddleback dolphin (OSPAR areas II, III & IV): UNKNOWN WCPFC	
Bigeye tuna (<i>Thunnus obesus</i>), Skipjack tuna (<i>Katsuwonus pelamis</i>), Yellowfin tuna (<i>Thunnus albacares</i>)	Purse seines, (Pelagic)	Number of Vessels: none provided, Licenses: 31, Participants: none provided, Aquaculture Facilities: 0	High Seas,(FAO:87 Pacific Southeast),Southeast Pacific (FAO 87)	Common dolphin, saddleback dolphin (OSPAR areas II, III & IV)	Common dolphin, saddleback dolphin (OSPAR areas II, III & IV): UNKNOWN IATTC	
Bigeye tuna (<i>Thunnus obesus</i>), Dolphinfishes <i>nei</i> (<i>Coryphaenidae</i>), Skipjack tuna (<i>Katsuwonus pelamis</i>), Swordfish (<i>Xiphias gladius</i>), Yellowfin tuna (<i>Thunnus albacares</i>)	Longlines (not specified), (Pelagic)	Number of Vessels: none provided, Licenses: 31, Participants: none provided, Aquaculture Facilities: 0	High Seas,(FAO:87 Pacific Southeast),Southeast Pacific (FAO 87)	Common dolphin, saddleback dolphin (OSPAR areas II, III & IV)	Common dolphin, saddleback dolphin (OSPAR areas II, III & IV): UNKNOWN IATTC	

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Bigeye tuna (<i>Thunnus obesus</i>), Skipjack tuna (<i>Katsuwonus pelamis</i>), Yellowfin tuna (<i>Thunnus albacares</i>)	Purse seines, (Pelagic)	Number of Vessels: none provided, Licenses: 2, Participants: none provided, Aquaculture Facilities: 0	High Seas,(FAO:77 Pacific Eastern Central),Eastern Central Pacific (FAO 77)	Common dolphin, saddleback dolphin (OSPAR areas II, III & IV)	Common dolphin, saddleback dolphin (OSPAR areas II, III & IV): UNKNOWN	IATTC
Bigeye tuna (<i>Thunnus obesus</i>), Dolphinfishes nei (<i>Coryphaenidae</i>), Skipjack tuna (<i>Katsuwonus pelamis</i>), Swordfish (<i>Xiphias gladius</i>), Yellowfin tuna (<i>Thunnus albacares</i>)	Longlines (not specified), (Pelagic)	Number of Vessels: none provided, Licenses: 31, Participants: none provided, Aquaculture Facilities: 0	High Seas,(FAO:77 Pacific Eastern Central),Eastern Central Pacific (FAO 77)	Common dolphin, saddleback dolphin (OSPAR areas II, III & IV)	Common dolphin, saddleback dolphin (OSPAR areas II, III & IV): UNKNOWN	IATTC
Bigeye tuna (<i>Thunnus obesus</i>), Skipjack tuna (<i>Katsuwonus pelamis</i>), Yellowfin tuna (<i>Thunnus albacares</i>)	Purse seines, (Pelagic)	Number of Vessels: none provided, Licenses: 0, Participants: none provided, Aquaculture Facilities: 0	High Seas,(FAO:31 Atlantic Western Central),Western Central Atlantic (FAO 31)	Common dolphin, saddleback dolphin (OSPAR areas II, III & IV)	Common dolphin, saddleback dolphin (OSPAR areas II, III & IV): UNKNOWN	ICCAT
Octopuses nei (<i>Octopus</i> spp)	Trawls (not specified), (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: 0	EEZ,Mauritania,Senegal,(FAO:34 Atlantic Eastern Central),Eastern Central Atlantic (FAO 34)	Common dolphin, saddleback dolphin (OSPAR areas II, III & IV)	Common dolphin, saddleback dolphin (OSPAR areas II, III & IV): UNKNOWN	
Atlantic salmon (<i>Salmo salar</i>), Cuttlefishes nei (<i>Sepia</i> spp), Flatfishes nei (<i>Pleuronectiformes</i>), Groundfishes nei (<i>Osteichthyes</i>), Hakes nei (<i>Merluccius</i> spp), Northern shortfin squid (<i>Illex illecebrosus</i>), Octopuses nei (<i>Octopus</i> spp), Salmonoids nei (<i>Salmonoidei</i>), Sea cucumbers nei (<i>Holothuroidea</i>), Soles nei (<i>Soleidae</i>), Turbots nei (<i>Scophthalmidae</i>)	Trawls (not specified), (Bottom)	Number of Vessels: 34, Licenses: 34, Participants: none provided, Aquaculture Facilities: none provided	High Seas,EEZ,Guinea,Mauritania,Senegal,(FAO:27 Atlantic Northeast)			NEAFC
Cuttlefishes nei (<i>Sepia</i> spp), Mackerels nei (<i>Scombridae</i>), Sea cucumbers nei (<i>Holothuroidea</i>), Senegalese hake (<i>Merluccius senegalensis</i>), Various squids nei (<i>Loliginidae</i> , <i>Ommastrephidae</i>)	Bottom trawls (not specified), (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: 0	EEZ,Guinea,Mauritania,(FAO:34 Atlantic Eastern Central),Eastern Central Atlantic (FAO 34)	Common dolphin, saddleback dolphin (OSPAR areas II, III & IV)	Common dolphin, saddleback dolphin (OSPAR areas II, III & IV): UNKNOWN	
Senegalese hake (<i>Merluccius senegalensis</i>)	Longlines (not specified), (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: 0	EEZ,Guinea,Mauritania,(FAO:34 Atlantic Eastern Central),Eastern Central Atlantic (FAO 34)	Common dolphin, saddleback dolphin (OSPAR areas II, III & IV)	Common dolphin, saddleback dolphin (OSPAR areas II, III & IV): UNKNOWN	
marine shrimps nei	Trawls (not specified), (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: 0	EEZ,Gambia,(FAO:34 Atlantic Eastern Central),Eastern Central Atlantic (FAO 34)	Common dolphin, saddleback dolphin (OSPAR areas II, III & IV)	Common dolphin, saddleback dolphin (OSPAR areas II, III & IV): UNKNOWN	
Northern cods nei (<i>Gadus</i> spp)	Trawls (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic ICES areas 1 and 2 (FAO 27)	Common dolphin, saddleback dolphin (OSPAR areas II, III & IV)	Common dolphin, saddleback dolphin (OSPAR areas II, III & IV): UNKNOWN	
Greenland halibut (<i>Reinhardtius hippoglossoides</i>), Northern cods nei (<i>Gadus</i> spp), Polar cod (<i>Boreogadus saida</i>)	Trawls (not specified), (Demersal)	UNKNOWN	High Seas,(FAO:21 Atlantic Northwest),Northwest Atlantic (FAO 21)	Atlantic white-sided dolphin (OSPAR AREAS III & V) pilot whale unspecified (STOCK NOT SPECIFIED)	Atlantic white-sided dolphin (OSPAR AREAS III & V): UNKNOWN pilot whale unspecified (STOCK NOT SPECIFIED): UNKNOWN	NAFO

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Hakes nei (Merluccius spp), Northern shortfin squid (Illex illecebrosus)	Trawls (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Southwest Atlantic (FAO 41)			
Anchovies nei (Engraulis spp), Atlantic horse mackerel (Trachurus trachurus), Herrings/sardines nei (Clupeidae)	Purse seines, (Pelagic)	Number of Vessels: 260, Licenses: 260, Participants: none provided, Aquaculture Facilities: 0	EEZ,(FAO:27 Atlantic Northeast),Northeast Atlantic (FAO 27)			
Anchovies nei (Engraulis spp), Herrings/sardines nei (Clupeidae)	Purse seines, (Surface)	Number of Vessels: 220, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	High Seas,EEZ,(FAO:37 Mediterranean and Black Sea),Mediterranean and Black Sea (FAO 37)			GFCM
Bonitos nei (Sarda spp)	Trolling lines, (Midwater)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: 0	High Seas,(FAO:27 Atlantic Northeast),Northeast Atlantic (FAO 27)	Common dolphin, saddleback dolphin (OSPAR areas II, III & IV)	Common dolphin, saddleback dolphin (OSPAR areas II, III & IV): UNKNOWN	ICCAT
Bonitos nei (Sarda spp)	Trolling lines, (Midwater)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: 0	High Seas,(FAO:34 Atlantic Eastern Central),Eastern Central Atlantic (FAO 34)	Common dolphin, saddleback dolphin (OSPAR areas II, III & IV)	Common dolphin, saddleback dolphin (OSPAR areas II, III & IV): UNKNOWN	ICCAT
Bonitos nei (Sarda spp)	Trolling lines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Mediterranean and Black Sea (FAO 37)			
Lobsters nei (Reptantia)	Pots/traps, (Demersal)	Number of Vessels: 100, Licenses: 100, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:27 Atlantic Northeast),Northeast Atlantic (FAO 27)			
Lobsters nei (Reptantia)	Pots/traps, (Bottom)	Number of Vessels: 60, Licenses: 60, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:37 Mediterranean and Black Sea),Eastern Central Atlantic (FAO 34)			GFCM
Lobsters nei (Reptantia)	Pots/traps	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,Mediterranean and Black Sea (FAO 37)			
Atlantic redfishes nei (Sebastes spp), Monkfishes nei (Lophius spp)	Gillnets and entangling nets (not specified), (Demersal)	Number of Vessels: 65, Licenses: 65, Participants: none provided, Aquaculture Facilities: none provided	High Seas,EEZ,(FAO:27 Atlantic Northeast),Bay of Biscay (ICES area North Sea, VIIIa, VIIIb and c)	Common dolphin, saddleback dolphin (OSPAR areas II, III & IV) Harbor porpoise (OSPAR areas II, III & IV) Risso's dolphin, grampus (OSPAR areas III & V)	Common dolphin, saddleback dolphin (OSPAR areas II, III & IV): UNKNOWN Harbor porpoise (OSPAR areas II, III & IV): UNKNOWN Risso's dolphin, grampus (OSPAR areas III & V): UNKNOWN	

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Swordfish (Xiphias gladius)	Longlines (not specified), (Pelagic)	Number of Vessels: 196, Licenses: 61, Participants: none provided, Aquaculture Facilities: none provided	High Seas,(FAO:37 Mediterranean and Black Sea),Mediterranean and Black Sea (FAO 37)	Risso's dolphin, grampus (OSPAR areas III & V) Toothed whale unspecified (STOCK NOT SPECIFIED)	Risso's dolphin, grampus (OSPAR areas III & V): UNKNOWN Toothed whale unspecified (STOCK NOT SPECIFIED): UNKNOWN	GFCM
Swordfish (Xiphias gladius)	Longlines (not specified), (Pelagic)	Number of Vessels: none provided, Licenses: 75, Participants: none provided, Aquaculture Facilities: 0	High Seas,EEZ,(FAO:27 Atlantic Northeast),Northeast Atlantic (FAO 27)	Humpback whale (STOCK NOT SPECIFIED) Pygmy sperm whale (STOCK NOT SPECIFIED)	Humpback whale (STOCK NOT SPECIFIED): UNKNOWN Pygmy sperm whale (STOCK NOT SPECIFIED): UNKNOWN	ICCAT
Swordfish (Xiphias gladius)	Longlines (not specified), (Pelagic)	Number of Vessels: none provided, Licenses: 75, Participants: none provided, Aquaculture Facilities: 0	High Seas,(FAO:34 Atlantic Eastern Central),Eastern Central Atlantic (FAO 34)	Common dolphin, saddleback dolphin (OSPAR areas II, III & IV)	Common dolphin, saddleback dolphin (OSPAR areas II, III & IV): UNKNOWN	ICCAT
Swordfish (Xiphias gladius)	Longlines (not specified), (Pelagic)	Number of Vessels: none provided, Licenses: 31, Participants: none provided, Aquaculture Facilities: 0	High Seas,(FAO:47 Atlantic Southeast),Southeast Atlantic (FAO 47)			ICCAT
Swordfish (Xiphias gladius)	Longlines (not specified), (Pelagic)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: 0	High Seas,(FAO:41 Atlantic Southwest),Southwest Atlantic (FAO 41)	Common bottlenose dolphin (Part AU, OSPAR areas II, III & IV)	Common bottlenose dolphin (Part AU, OSPAR areas II, III & IV): UNKNOWN	ICCAT
Swordfish (Xiphias gladius)	Longlines (not specified), (Pelagic)	Number of Vessels: none provided, Licenses: 11, Participants: none provided, Aquaculture Facilities: 0	High Seas,(FAO:51 Indian Ocean Western),Western Indian Ocean (FAO 51)	Common dolphin, saddleback dolphin (OSPAR areas II, III & IV)	Common dolphin, saddleback dolphin (OSPAR areas II, III & IV): UNKNOWN	IOTC
Swordfish (Xiphias gladius)	Longlines (not specified), (Pelagic)	Number of Vessels: none provided, Licenses: 11, Participants: none provided, Aquaculture Facilities: 0	High Seas,(FAO:57 Indian Ocean Eastern),Eastern Indian Ocean (FAO 57)			IOTC
Swordfish (Xiphias gladius)	Longlines (not specified), (Pelagic)	Number of Vessels: none provided, Licenses: 35, Participants: none provided, Aquaculture Facilities: 0	High Seas,(FAO:71 Pacific Western Central),Western Central Pacific (FAO 71)	Common dolphin, saddleback dolphin (OSPAR areas II, III & IV)	Common dolphin, saddleback dolphin (OSPAR areas II, III & IV): UNKNOWN	WCPFC
Swordfish (Xiphias gladius)	Longlines (not specified), (Pelagic)	Number of Vessels: none provided, Licenses: 35, Participants: none provided, Aquaculture Facilities: 0	High Seas,(FAO:81 Pacific Southwest),Southwest Pacific (FAO 81)	Common dolphin, saddleback dolphin (OSPAR areas II, III & IV)	Common dolphin, saddleback dolphin (OSPAR areas II, III & IV): UNKNOWN	CCSBT
Swordfish (Xiphias gladius)	Longlines (not specified), (Pelagic)	Number of Vessels: none provided, Licenses: 31, Participants: none provided, Aquaculture Facilities: 0	High Seas,(FAO:81 Pacific Southwest),Southeast Pacific (FAO 87)	Common dolphin, saddleback dolphin (OSPAR areas II, III & IV)	Common dolphin, saddleback dolphin (OSPAR areas II, III & IV): UNKNOWN	CCSBT
Swordfish (Xiphias gladius)	Longlines (not specified), (Pelagic)	Number of Vessels: none provided, Licenses: 31, Participants: none provided, Aquaculture Facilities: 0	High Seas,(FAO:87 Pacific Southeast),Eastern Central Pacific (FAO 77)	Common dolphin, saddleback dolphin (OSPAR areas II, III & IV)	Common dolphin, saddleback dolphin (OSPAR areas II, III & IV): UNKNOWN	CPPS

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Swordfish (<i>Xiphias gladius</i>)	Longlines (not specified), (Pelagic)	Number of Vessels: none provided, Licenses: 75, Participants: none provided, Aquaculture Facilities: 0	High Seas,(FAO:21 Atlantic Northwest),Northwest Atlantic (FAO 21)	Common dolphin, saddleback dolphin (OSPAR areas II, III & IV)	Common dolphin, saddleback dolphin (OSPAR areas II, III & IV): UNKNOWN	ICCAT
Swordfish (<i>Xiphias gladius</i>)	Longlines (not specified), (Pelagic)	Number of Vessels: none provided, Licenses: 75, Participants: none provided, Aquaculture Facilities: 0	High Seas,(FAO:31 Atlantic Western Central),Western Central Atlantic (FAO 31)	Common dolphin, saddleback dolphin (OSPAR areas II, III & IV)	Common dolphin, saddleback dolphin (OSPAR areas II, III & IV): UNKNOWN	ICCAT
Various sharks nei (<i>Selachimorpha</i> (<i>Pleurotremata</i>))	Longlines (not specified), (Pelagic)	Number of Vessels: none provided, Licenses: 101, Participants: none provided, Aquaculture Facilities: 0	High Seas,(FAO:48 Atlantic Antarctic, FAO:34 Atlantic Eastern Central, FAO:27 Atlantic Northeast, FAO:21 Atlantic Northwest, FAO:47 Atlantic Southeast, FAO:41 Atlantic Southwest, FAO:31 Atlantic Western Central, FAO:37 Mediterranean and Black Sea),ICCAT Convention Area	Common dolphin, saddleback dolphin (OSPAR areas II, III & IV)	Common dolphin, saddleback dolphin (OSPAR areas II, III & IV): UNKNOWN	ICCAT
Bigeye tuna (<i>Thunnus obesus</i>), Skipjack tuna (<i>Katsuwonus pelamis</i>), Yellowfin tuna (<i>Thunnus albacares</i>)	Purse seines, (Pelagic)	Number of Vessels: none provided, Licenses: 6, Participants: none provided, Aquaculture Facilities: 0	High Seas,(FAO:37 Mediterranean and Black Sea),year-round, Mediterranean and Black Sea (FAO 37)	Common bottlenose dolphin (Part AU, OSPAR areas II, III & IV) Striped dolphin (OSPAR areas I, II, III, IV & V)	Common bottlenose dolphin (Part AU, OSPAR areas II, III & IV): UNKNOWN Striped dolphin (OSPAR areas I, II, III, IV & V): UNKNOWN	ICCAT
Bigeye tuna (<i>Thunnus obesus</i>), Dolphinfishes nei (<i>Coryphaenidae</i>), Skipjack tuna (<i>Katsuwonus pelamis</i>), Swordfish (<i>Xiphias gladius</i>), Yellowfin tuna (<i>Thunnus albacares</i>)	Longlines (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Mediterranean and Black Sea (FAO 37)	Common bottlenose dolphin (Part AU, OSPAR areas II, III & IV) Risso's dolphin, grampus (OSPAR areas III & V) Toothed whale unspecified (STOCK NOT SPECIFIED)	Common bottlenose dolphin (Part AU, OSPAR areas II, III & IV): UNKNOWN Risso's dolphin, grampus (OSPAR areas III & V): UNKNOWN Toothed whale unspecified (STOCK NOT SPECIFIED): UNKNOWN	GFCM
Bigeye tuna (<i>Thunnus obesus</i>), Dolphinfishes nei (<i>Coryphaenidae</i>), Skipjack tuna (<i>Katsuwonus pelamis</i>), Swordfish (<i>Xiphias gladius</i>), Yellowfin tuna (<i>Thunnus albacares</i>)	Longlines (not specified), (Pelagic)	Number of Vessels: none provided, Licenses: 101, Participants: none provided, Aquaculture Facilities: 0	High Seas,(FAO:27 Atlantic Northeast),Northeast Atlantic (FAO 27)	Common bottlenose dolphin (Part AU, OSPAR areas II, III & IV)	Common bottlenose dolphin (Part AU, OSPAR areas II, III & IV): UNKNOWN	ICCAT
Albacore (<i>Thunnus alalunga</i>), Bigeye tuna (<i>Thunnus obesus</i>), Skipjack tuna (<i>Katsuwonus pelamis</i>), Yellowfin tuna (<i>Thunnus albacares</i>)	Purse seines, (Pelagic)	Number of Vessels: none provided, Licenses: 12, Participants: none provided, Aquaculture Facilities: 0	High Seas,EEZ,Cape Verde Islands,Gambia,Ghana,Ivory Coast,Liberia,Mauritania,Senegal,(FAO:34 Atlantic Eastern Central),Eastern Central Atlantic (FAO 34)	Common dolphin, saddleback dolphin (OSPAR areas II, III & IV)	Common dolphin, saddleback dolphin (OSPAR areas II, III & IV): UNKNOWN	ICCAT
Albacore (<i>Thunnus alalunga</i>)	Longlines (not specified), (Pelagic)	Number of Vessels: none provided, Licenses: 12, Participants: none provided, Aquaculture Facilities: 0	High Seas,Cape Verde Islands,Ivory Coast,Liberia,Mauritania,(FAO:34 Atlantic Eastern Central),Eastern Central Atlantic (FAO 34)	Common dolphin, saddleback dolphin (OSPAR areas II, III & IV)	Common dolphin, saddleback dolphin (OSPAR areas II, III & IV): UNKNOWN	ICCAT

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Bigeye tuna (<i>Thunnus obesus</i>), Skipjack tuna (<i>Katsuwonus pelamis</i>), Yellowfin tuna (<i>Thunnus albacares</i>)	Purse seines, (Pelagic)	Number of Vessels: none provided, Licenses: 10, Participants: none provided, Aquaculture Facilities: 0	High Seas,(FAO:47 Atlantic Southeast),Southeast Atlantic (FAO 47)	Common dolphin, saddleback dolphin (OSPAR areas II, III & IV)	Common dolphin, saddleback dolphin (OSPAR areas II, III & IV): UNKNOWN	ICCAT
Bigeye tuna (<i>Thunnus obesus</i>), Skipjack tuna (<i>Katsuwonus pelamis</i>), Yellowfin tuna (<i>Thunnus albacares</i>)	Purse seines, (Pelagic)	Number of Vessels: none provided, Licenses: 10, Participants: none provided, Aquaculture Facilities: 0	High Seas,(FAO:47 Atlantic Southeast),Southwest Atlantic (FAO 41)	Common dolphin, saddleback dolphin (OSPAR areas II, III & IV)	Common dolphin, saddleback dolphin (OSPAR areas II, III & IV): UNKNOWN	ICCAT
Bigeye tuna (<i>Thunnus obesus</i>), Skipjack tuna (<i>Katsuwonus pelamis</i>), Yellowfin tuna (<i>Thunnus albacares</i>)	Purse seines, (Pelagic)	Number of Vessels: none provided, Licenses: 14, Participants: none provided, Aquaculture Facilities: 0	High Seas, EEZ, Madagascar, Mauritius, Mozambique, Reunion,Seychelles, (FAO:57 Indian Ocean Eastern),Western Indian Ocean (FAO 51)	Common dolphin, saddleback dolphin (OSPAR areas II, III & IV)	Common dolphin, saddleback dolphin (OSPAR areas II, III & IV): UNKNOWN	IOTC
Bigeye tuna (<i>Thunnus obesus</i>), Skipjack tuna (<i>Katsuwonus pelamis</i>), Yellowfin tuna (<i>Thunnus albacares</i>)	Purse seines, (Pelagic)	Number of Vessels: none provided, Licenses: 12, Participants: none provided, Aquaculture Facilities: none provided	High Seas,(FAO:57 Indian Ocean Eastern),Eastern Indian Ocean (FAO 57)			IOTC

Sri Lanka

Exempt Fisheries						
marine shrimps nei	Aquaculture (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			
Sea cucumbers nei (Holothuroidea)	Diving (SCUBA and/or free-diving), (Benthic)	Number of Vessels: About 1500, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:57 Indian Ocean Eastern),57.1,Continental shelf			
Common squids nei (<i>Loligo</i> spp), Indian squid (<i>Loligo duvauceli</i>)	Jig, (Midwater)	Number of Vessels: About 2,500, Licenses: About 2,500, Participants: About 7,500, Aquaculture Facilities: none provided	EEZ,(FAO:57 Indian Ocean Eastern),57.1,Continental shelf			
Various squids nei (<i>Loliginidae</i> , <i>Ommastrephidae</i>)	Scoopnets, (Surface)	Number of Vessels: About 1,500, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:57 Indian Ocean Eastern),57.1,Continental shelf			
Flathead lobster (<i>Thenus orientalis</i>), Longlegged spiny lobster (<i>Panulirus longipes</i>), Longlegged spiny lobster (<i>Panulirus longipes</i>), Mud spiny lobster (<i>Panulirus polyphagus</i>), Ornate spiny lobster (<i>Panulirus ornatus</i>), Painted spiny lobster (<i>Panulirus versicolor</i>), Sculptured mitten lobster (<i>Parribacus antarcticus</i>), Soft locust lobster (<i>Scyllarus batei</i>), Striated locust lobster (<i>Scyllarus martensii</i>)	Diving (SCUBA and/or free-diving), (Benthic)	Number of Vessels: About 1,000, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:57 Indian Ocean Eastern),57.1,Continental shelf			

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Bigeye tuna (<i>Thunnus obesus</i>), Dolphinfishes nei (<i>Coryphaenidae</i>), Marlins nei (<i>Makaira</i> spp), Narrow-barred Spanish mackerel (<i>Scomberomorus commerson</i>), Swordfish (<i>Xiphias gladius</i>), Yellowfin tuna (<i>Thunnus albacares</i>)	Handlines and hand-operated pole-and-lines, (Midwater), Trolling lines, (Midwater)	Number of Vessels: About 5,000, Licenses: About 5,000, Participants: About 15,000, Aquaculture Facilities: none provided	EEZ,(FAO:57 Indian Ocean Eastern),57.1,EEZ	Bryde's whale (UNKNOWN) Common bottlenose dolphin (STOCK NOT SPECIFIED) Dolphin unspecified (STOCK NOT SPECIFIED) Fin whale (UNKNOWN) Fraser's dolphin (UNKNOWN) Risso's dolphin, grampus (STOCK NOT SPECIFIED) Sperm whale, cachalot (UNKNOWN) Spinner dolphin (STOCK NOT SPECIFIED) Striped dolphin (STOCK NOT SPECIFIED)	Bryde's whale (UNKNOWN): NOT PROVIDED Common bottlenose dolphin (STOCK NOT SPECIFIED): NOT PROVIDED Dolphin unspecified (STOCK NOT SPECIFIED): NOT PROVIDED Fin whale (UNKNOWN): NOT PROVIDED Fraser's dolphin (UNKNOWN): NOT PROVIDED Risso's dolphin, grampus (STOCK NOT SPECIFIED): NOT PROVIDED Sperm whale, cachalot (UNKNOWN): NOT PROVIDED Spinner dolphin (STOCK NOT SPECIFIED): NOT PROVIDED Striped dolphin (STOCK NOT SPECIFIED): NOT PROVIDED	
Export Fisheries						
Groupers nei (<i>Epinephelus</i> spp), Snappers nei (<i>Lutjanus</i> spp)	Handlines and hand-operated pole-and-lines, (Bottom), Pots/traps, (Benthic), Set gillnets/set nets (anchored), (Bottom)	Number of Vessels: About 3,700, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:57 Indian Ocean Eastern),57.1,Patchy distribution in shallow water	Common bottlenose dolphin (STOCK NOT SPECIFIED) Spinner dolphin (STOCK NOT SPECIFIED)	Common bottlenose dolphin (STOCK NOT SPECIFIED): UNKNOWN Spinner dolphin (STOCK NOT SPECIFIED): UNKNOWN	
Marine fishes nei (<i>Osteichthyes</i>)	Ring nets, (Pelagic)	Number of Vessels: About 1,176, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:57 Indian Ocean Eastern),within EEZ	Blue whale (513) Bryde's whale (UNKNOWN) Common bottlenose dolphin (STOCK NOT SPECIFIED) Dolphin unspecified (STOCK NOT SPECIFIED) Eden's whale (UNKNOWN) Omura's whale (UNKNOWN) Risso's dolphin, grampus (STOCK NOT SPECIFIED) Spinner dolphin (STOCK NOT SPECIFIED) Striped dolphin (STOCK NOT SPECIFIED) Indo-Pacific humpback dolphin (UNKNOWN)	Blue whale (513): UNKNOWN Bryde's whale (UNKNOWN): UNKNOWN Common bottlenose dolphin (STOCK NOT SPECIFIED): UNKNOWN Dolphin unspecified (STOCK NOT SPECIFIED): UNKNOWN Eden's whale (UNKNOWN): UNKNOWN Omura's whale (UNKNOWN): UNKNOWN Risso's dolphin, grampus (STOCK NOT SPECIFIED): UNKNOWN Spinner dolphin (STOCK NOT SPECIFIED): UNKNOWN Striped dolphin (STOCK NOT SPECIFIED): UNKNOWN Indo-Pacific humpback dolphin (UNKNOWN): UNKNOWN	
Blue swimming crab (<i>Portunus pelagicus</i>), Indo-Pacific swamp crab (<i>Scylla serrata</i>), Marine crabs nei (<i>Brachyura</i>), Threespot swimming crab (<i>Portunus sanguinolentus</i>)	Crab nets, (Bottom), Gillnets and entangling nets (not specified), (Bottom), Pots/traps, (Bottom)	Number of Vessels: About 1050, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:57 Indian Ocean Eastern),Patchy distribution in shallow water			
Anchovies nei (<i>Engraulis</i> spp)	Beach seines, (Pelagic), Gillnets and entangling nets (not specified), (Surface)	Number of Vessels: About 6,750, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:57 Indian Ocean Eastern),57.1,Continental shelf	Spinner dolphin (STOCK NOT SPECIFIED) Striped dolphin (STOCK NOT SPECIFIED)	Spinner dolphin (STOCK NOT SPECIFIED): UNKNOWN Striped dolphin (STOCK NOT SPECIFIED): UNKNOWN	
Marine fishes nei (<i>Osteichthyes</i>)	Beach seines, (Benthic), Drift gillnets, (Pelagic), Set gillnets/set nets (anchored), (Benthic)	Number of Vessels: About 41,492, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:57 Indian Ocean Eastern),57.1,Continental shelf	Blue whale (513) Bryde's whale (UNKNOWN) Common bottlenose dolphin (STOCK NOT SPECIFIED) Dolphin unspecified (STOCK NOT SPECIFIED) Risso's dolphin, grampus (STOCK NOT SPECIFIED) Sperm whale, cachalot (UNKNOWN) Spinner dolphin (STOCK NOT SPECIFIED) Striped dolphin (STOCK NOT SPECIFIED)	Blue whale (513): UNKNOWN Bryde's whale (UNKNOWN): UNKNOWN Common bottlenose dolphin (STOCK NOT SPECIFIED): UNKNOWN Dolphin unspecified (STOCK NOT SPECIFIED): UNKNOWN Risso's dolphin, grampus (STOCK NOT SPECIFIED): UNKNOWN Sperm whale, cachalot (UNKNOWN): UNKNOWN Spinner dolphin (STOCK NOT SPECIFIED): UNKNOWN Striped dolphin (STOCK NOT SPECIFIED): UNKNOWN	

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Banana prawn (<i>Fenneropenaeus merguensis</i>), Giant tiger prawn (<i>Penaeus monodon</i>), Green tiger prawn (<i>Penaeus semisulcatus</i>), Indian white prawn (<i>Fenneropenaeus indicus</i>), Kadal shrimp (<i>Metapenaeus dobsoni</i>), marine shrimps nei	Cast nets, (Benthic), Other (Please Specify) Night traps, (Bottom), Set gillnets/set nets (anchored), (Bottom), Trammel nets, (Bottom)	Number of Vessels: About 10,170, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:57 Indian Ocean Eastern),Shallow coastal water			
Bigeye tuna (<i>Thunnus obesus</i>), Dolphinfishes nei (<i>Coryphaenidae</i>), Narrow-barred Spanish mackerel (<i>Scomberomorus commerson</i>), Swordfish (<i>Xiphias gladius</i>), Yellowfin tuna (<i>Thunnus albacares</i>)	Drift gillnets, (Pelagic)	Number of Vessels: About 1,675, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:57 Indian Ocean Eastern),57.1,EEZ	Blue whale (513) Bryde's whale (UNKNOWN) Common bottlenose dolphin (STOCK NOT SPECIFIED) Dolphin unspecified (STOCK NOT SPECIFIED) Eden's whale (UNKNOWN) Omura's whale (UNKNOWN) Risso's dolphin, grampus (STOCK NOT SPECIFIED) Spinner dolphin (STOCK NOT SPECIFIED) Striped dolphin (STOCK NOT SPECIFIED) Blue whale (513) Bryde's whale (UNKNOWN) Common bottlenose dolphin (STOCK NOT SPECIFIED) Dolphin unspecified (STOCK NOT SPECIFIED) Eden's whale (UNKNOWN) Fin whale (UNKNOWN) Risso's dolphin, grampus (STOCK NOT SPECIFIED) Sperm whale, cachalot (UNKNOWN) Spinner dolphin (STOCK NOT SPECIFIED) Striped dolphin (STOCK NOT SPECIFIED) Dugong (UNKNOWN)	Blue whale (513): UNKNOWN Bryde's whale (UNKNOWN): UNKNOWN Common bottlenose dolphin (STOCK NOT SPECIFIED): UNKNOWN Dolphin unspecified (STOCK NOT SPECIFIED): UNKNOWN Eden's whale (UNKNOWN): UNKNOWN Omura's whale (UNKNOWN): UNKNOWN Risso's dolphin, grampus (STOCK NOT SPECIFIED): UNKNOWN Spinner dolphin (STOCK NOT SPECIFIED): UNKNOWN Striped dolphin (STOCK NOT SPECIFIED): UNKNOWN Blue whale (513): UNKNOWN Bryde's whale (UNKNOWN): UNKNOWN Common bottlenose dolphin (STOCK NOT SPECIFIED): UNKNOWN Dolphin unspecified (STOCK NOT SPECIFIED): UNKNOWN Eden's whale (UNKNOWN): UNKNOWN Fin whale (UNKNOWN): UNKNOWN Risso's dolphin, grampus (STOCK NOT SPECIFIED): UNKNOWN Sperm whale, cachalot (UNKNOWN): UNKNOWN Spinner dolphin (STOCK NOT SPECIFIED): UNKNOWN Striped dolphin (STOCK NOT SPECIFIED): UNKNOWN Dugong (UNKNOWN): UNKNOWN	
Bigeye tuna (<i>Thunnus obesus</i>), Black marlin (<i>Makaira indica</i>), Marlins nei (<i>Makaira spp</i>), Swordfish (<i>Xiphias gladius</i>), Yellowfin tuna (<i>Thunnus albacares</i>)	Longlines (not specified), (Midwater)	Number of Vessels: About 838, Licenses: About 838, Participants: On board crew members (skipper - 01, fishers - 05), , Aquaculture Facilities: none provided	High Seas,(FAO:57 Indian Ocean Eastern, FAO:51 Indian Ocean Western),High seas	Blue whale (513) Bryde's whale (UNKNOWN) Common bottlenose dolphin (STOCK NOT SPECIFIED) Dolphin unspecified (STOCK NOT SPECIFIED) Eden's whale (UNKNOWN) Fin whale (UNKNOWN) Risso's dolphin, grampus (STOCK NOT SPECIFIED) Sperm whale, cachalot (UNKNOWN) Spinner dolphin (STOCK NOT SPECIFIED) Striped dolphin (STOCK NOT SPECIFIED) Dugong (UNKNOWN)	Blue whale (513): UNKNOWN Bryde's whale (UNKNOWN): UNKNOWN Common bottlenose dolphin (STOCK NOT SPECIFIED): UNKNOWN Dolphin unspecified (STOCK NOT SPECIFIED): UNKNOWN Eden's whale (UNKNOWN): UNKNOWN Fin whale (UNKNOWN): UNKNOWN Risso's dolphin, grampus (STOCK NOT SPECIFIED): UNKNOWN Sperm whale, cachalot (UNKNOWN): UNKNOWN Spinner dolphin (STOCK NOT SPECIFIED): UNKNOWN Striped dolphin (STOCK NOT SPECIFIED): UNKNOWN Dugong (UNKNOWN): UNKNOWN	IOTC
Groundfishes nei (<i>Osteichthyes</i>)	Set gillnets/set nets (anchored), (Bottom)	Number of Vessels: About 350, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:57 Indian Ocean Eastern),patchy distribution in shallow water			
Bigeye tuna (<i>Thunnus obesus</i>), Dolphinfishes nei (<i>Coryphaenidae</i>), Swordfish (<i>Xiphias gladius</i>), Yellowfin tuna (<i>Thunnus albacares</i>)	Drift gillnets, (Midwater)	Number of Vessels: About 410, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	High Seas,(FAO:57 Indian Ocean Eastern, FAO:51 Indian Ocean Western),High seas	Blue whale (513) Bryde's whale (UNKNOWN) Common bottlenose dolphin (STOCK NOT SPECIFIED) Dolphin unspecified (STOCK NOT SPECIFIED) Eden's whale (UNKNOWN) Fin whale (UNKNOWN) Humpback whale (UNKNOWN) Omura's whale (UNKNOWN) Risso's dolphin, grampus (STOCK NOT SPECIFIED) Sperm whale, cachalot (UNKNOWN) Spinner dolphin (STOCK NOT SPECIFIED) Striped dolphin (STOCK NOT SPECIFIED) Blue whale (513) Bryde's whale (UNKNOWN) Common bottlenose dolphin (STOCK NOT SPECIFIED) Dolphin unspecified (STOCK NOT SPECIFIED) Eden's whale (UNKNOWN) Humpback whale (UNKNOWN) Omura's whale (UNKNOWN) Risso's dolphin, grampus (STOCK NOT SPECIFIED) Sperm whale, cachalot (UNKNOWN) Spinner dolphin (STOCK NOT SPECIFIED) Striped dolphin (STOCK NOT SPECIFIED)	Blue whale (513): UNKNOWN Bryde's whale (UNKNOWN): UNKNOWN Common bottlenose dolphin (STOCK NOT SPECIFIED): UNKNOWN Dolphin unspecified (STOCK NOT SPECIFIED): UNKNOWN Eden's whale (UNKNOWN): UNKNOWN Fin whale (UNKNOWN): UNKNOWN Humpback whale (UNKNOWN): UNKNOWN Omura's whale (UNKNOWN): UNKNOWN Risso's dolphin, grampus (STOCK NOT SPECIFIED): UNKNOWN Sperm whale, cachalot (UNKNOWN): UNKNOWN Spinner dolphin (STOCK NOT SPECIFIED): UNKNOWN Striped dolphin (STOCK NOT SPECIFIED): UNKNOWN Blue whale (513): UNKNOWN Bryde's whale (UNKNOWN): UNKNOWN Common bottlenose dolphin (STOCK NOT SPECIFIED): UNKNOWN Dolphin unspecified (STOCK NOT SPECIFIED): UNKNOWN Eden's whale (UNKNOWN): UNKNOWN Humpback whale (UNKNOWN): UNKNOWN Omura's whale (UNKNOWN): UNKNOWN Risso's dolphin, grampus (STOCK NOT SPECIFIED): UNKNOWN Sperm whale, cachalot (UNKNOWN): UNKNOWN Spinner dolphin (STOCK NOT SPECIFIED): UNKNOWN Striped dolphin (STOCK NOT SPECIFIED): UNKNOWN	IOTC
Bigeye tuna (<i>Thunnus obesus</i>), Marlins nei (<i>Makaira spp</i>), Swordfish (<i>Xiphias gladius</i>), Yellowfin tuna (<i>Thunnus albacares</i>)	Longlines (not specified), (Midwater)	Number of Vessels: About 1,722, Licenses: , Participants: ., Aquaculture Facilities: none provided	EEZ,(FAO:57 Indian Ocean Eastern, FAO:51 Indian Ocean Western),EEZ	Blue whale (513) Bryde's whale (UNKNOWN) Common bottlenose dolphin (STOCK NOT SPECIFIED) Dolphin unspecified (STOCK NOT SPECIFIED) Eden's whale (UNKNOWN) Humpback whale (UNKNOWN) Omura's whale (UNKNOWN) Risso's dolphin, grampus (STOCK NOT SPECIFIED) Sperm whale, cachalot (UNKNOWN) Spinner dolphin (STOCK NOT SPECIFIED) Striped dolphin (STOCK NOT SPECIFIED)	Blue whale (513): UNKNOWN Bryde's whale (UNKNOWN): UNKNOWN Common bottlenose dolphin (STOCK NOT SPECIFIED): UNKNOWN Dolphin unspecified (STOCK NOT SPECIFIED): UNKNOWN Eden's whale (UNKNOWN): UNKNOWN Humpback whale (UNKNOWN): UNKNOWN Omura's whale (UNKNOWN): UNKNOWN Risso's dolphin, grampus (STOCK NOT SPECIFIED): UNKNOWN Sperm whale, cachalot (UNKNOWN): UNKNOWN Spinner dolphin (STOCK NOT SPECIFIED): UNKNOWN Striped dolphin (STOCK NOT SPECIFIED): UNKNOWN	IOTC

St. Helena

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Exempt Fisheries						
Tristan da Cunha rock lobster (<i>Jasus tristani</i>)	Pots/traps	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Area 47, Tristan da Cunha Exclusive Fishery Zone			

St. Kitts

Exempt Fisheries						
Conch nei (<i>Strombidae</i>), Queen conch (<i>Strombus gigas</i>)	Diving (SCUBA and/or free-diving)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ: Mags Head North, Nags Head, Booby High Shoals, Doughnut, Shoals Deep White Hole, Hot Springs, Cafeteria, Devils Caves			
Export Fisheries						
Flat and cupped oysters nei (<i>Ostreidae</i>), Marine crustaceans nei (<i>Crustacea</i>), Marine molluscs nei (<i>Mollusca</i>)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			

St. Lucia

Exempt Fisheries						
Gracilaria seaweeds (<i>Gracilaria</i> spp), Seaweeds nei (<i>Algae</i>)	Diving (SCUBA and/or free-diving)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	coastal			
Conch nei (<i>Strombidae</i>)	Diving (SCUBA and/or free-diving)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ - nearshore			
Rock lobsters nei (<i>Jasus</i> spp)	Fish pots/fish traps	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	reef and shelf EEZ areas			
Rock lobsters nei (<i>Jasus</i> spp)	Diving (SCUBA and/or free-diving)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	reef and shelf EEZ areas			

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Gracilaria seaweeds (Gracilaria spp), Seaweeds nei (Algae)	Aquaculture (rafts, mats)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	coastal			
Gracilaria seaweeds (Gracilaria spp), Seaweeds nei (Algae)	Aquaculture (lines)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	coastal			

St. Pierre Miquelon

Export Fisheries

Snow crab (Chionoecetes opilio)	Pots/traps	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	North Atlantic Fisheries Organization Convention Area			NAFO
Atlantic halibut (Hippoglossus hippoglossus), Flatfishes nei (Pleuronectiformes), Soles nei (Soleidae), Turbot (Psetta maxima)	Longlines (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	North Atlantic Fisheries Organization Convention Area 3Ps			NAFO
Groundfishes nei (Osteichthyes), Haddock (Melanogrammus aeglefinus), Northern cods nei (Gadus spp)	Trawls (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	North Atlantic Fisheries Organization Convention Area 3Ps			NAFO
Tunas nei (Thunnini)	Longlines (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	International Convention for the Conservation of Atlantic Tuna convention area			ICCAT

St. Vincent and Grenadines

Exempt Fisheries

Groupers nei (Epinephelus spp)	Pots/traps	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Caribbean Sea			
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Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Groupers nei (Epinephelus spp), Snappers nei (Lutjanus spp)	Longlines (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Caribbean Sea			
Conch nei (Strombidae)	Diving (SCUBA and/or free-diving), (Benthic)	Number of Vessels: 160, Licenses: 0, Participants: 500, Aquaculture Facilities: 0	EEZ,(FAO:31 Atlantic Western Central),Caribbean Sea			CRFM
Anchovies nei (Engraulis spp), Ballyhoo halfbeak (Hemiramphus brasiliensis), Carangids nei (Carangidae), Herrings/sardines nei (Clupeidae), Mackerel scad (Decapterus macarellus), Mackerels nei (Scombridae), Pelagic fishes nei (Osteichthyes), Silversides/Sand smelts nei (Atherinidae), Tunas nei (Thunnini)	Beach seines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Caribbean Sea			
Rock lobsters nei (Jasus spp)	Diving (SCUBA and/or free-diving), Pots/traps	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Caribbean Sea			
Snappers nei (Lutjanus spp)	Handlines and hand-operated pole-and-lines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Caribbean Sea			
Export Fisheries						
Anchovies nei (Engraulis spp), Ballyhoo halfbeak (Hemiramphus brasiliensis), Carangids nei (Carangidae), Herrings/sardines nei (Clupeidae), Mackerel scad (Decapterus macarellus), Mackerels nei (Scombridae), Pelagic fishes nei (Osteichthyes), Silversides/Sand smelts nei (Atherinidae), Tunas nei (Thunnini)	Encircling gillnets, (Surface)	Number of Vessels: 750, Licenses: none provided, Participants: 1500, Aquaculture Facilities: none provided	EEZ,(FAO:31 Atlantic Western Central),Caribbean Sea			CRFM
Bigeye tuna (Thunnus obesus), Marlins,sailfishes,etc. nei (Istiophoridae), Pelagic fishes nei (Osteichthyes), Swordfish (Xiphias gladius), Tunas nei (Thunnini), Various sharks nei (Selachimorpha (Pleurotremata)), Wahoo (Acanthocybium solandri), Yellowfin tuna (Thunnus albacares)	Trolling lines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Caribbean Sea, deep slope			
Bigeye tuna (Thunnus obesus), Yellowfin tuna (Thunnus albacares)	Longlines (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	International Convention for the Conservation of Atlantic Tuna convention area			ICCAT
Marine molluscs nei (Mollusca)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Caribbean spiny lobster (<i>Panulirus argus</i>)	Pots/traps, (Bottom)	Number of Vessels: 191, Licenses: 0, Participants: 573, Aquaculture Facilities: 0	EEZ,(FAO:31 Atlantic Western Central)			CRFM
Butterfishes nei (<i>Stromateus</i> spp)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			CRFM
Dolphinfishes nei (<i>Coryphaenidae</i>)	Trolling lines, (Pelagic)	Number of Vessels: 750, Licenses: none provided, Participants: 1500, Aquaculture Facilities: none provided	EEZ,(FAO:31 Atlantic Western Central),Caribbean Sea	Atlantic spotted dolphin (UNKNOWN) Blainville's beaked whale (UNKNOWN) Blue whale (UNKNOWN) Bryde's whale (UNKNOWN) Clymene dolphin (UNKNOWN) Common bottlenose dolphin (UNKNOWN) Common dolphin, saddleback dolphin (UNKNOWN) Common minke whale (UNKNOWN) Cuvier's beaked whale, goose-beaked whale (UNKNOWN) Dwarf sperm whale (UNKNOWN) False killer whale (UNKNOWN) Fin whale (UNKNOWN) Fraser's dolphin (UNKNOWN) Gervais' beaked whale (UNKNOWN) Killer whale, orca (UNKNOWN) Melon-headed whale, Electra dolphin (UNKNOWN) Pantropical spotted dolphin (UNKNOWN) Pygmy killer whale (UNKNOWN) Pygmy right whale (UNKNOWN) Pygmy sperm whale (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Rough-toothed dolphin (UNKNOWN) Sei whale (UNKNOWN) Short-finned pilot whale (UNKNOWN) Sowerby's beaked whale (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Spinner dolphin (UNKNOWN) Striped dolphin (UNKNOWN) True's beaked whale (UNKNOWN)	Atlantic spotted dolphin (UNKNOWN): UNKNOWN Blainville's beaked whale (UNKNOWN): UNKNOWN Blue whale (UNKNOWN): UNKNOWN Bryde's whale (UNKNOWN): UNKNOWN Clymene dolphin (UNKNOWN): UNKNOWN Common bottlenose dolphin (UNKNOWN): UNKNOWN Common dolphin, saddleback dolphin (UNKNOWN): UNKNOWN Common minke whale (UNKNOWN): UNKNOWN Cuvier's beaked whale, goose-beaked whale (UNKNOWN): UNKNOWN Dwarf sperm whale (UNKNOWN): UNKNOWN False killer whale (UNKNOWN): UNKNOWN Fin whale (UNKNOWN): UNKNOWN Fraser's dolphin (UNKNOWN): UNKNOWN Gervais' beaked whale (UNKNOWN): UNKNOWN Killer whale, orca (UNKNOWN): UNKNOWN Melon-headed whale, Electra dolphin (UNKNOWN): UNKNOWN Pantropical spotted dolphin (UNKNOWN): UNKNOWN Pygmy killer whale (UNKNOWN): UNKNOWN Pygmy right whale (UNKNOWN): UNKNOWN Pygmy sperm whale (UNKNOWN): UNKNOWN Risso's dolphin, grampus (UNKNOWN): UNKNOWN Rough-toothed dolphin (UNKNOWN): UNKNOWN Sei whale (UNKNOWN): UNKNOWN Short-finned pilot whale (UNKNOWN): UNKNOWN Sowerby's beaked whale (UNKNOWN): UNKNOWN Sperm whale, cachalot (UNKNOWN): UNKNOWN Spinner dolphin (UNKNOWN): UNKNOWN Striped dolphin (UNKNOWN): UNKNOWN True's beaked whale (UNKNOWN): UNKNOWN	

Suriname

Exempt Fisheries						
Atlantic goliath grouper (<i>Epinephelus itajara</i>), Common dolphinfish (<i>Coryphaena hippurus</i>), Lane snapper (<i>Lutjanus synagris</i>), Seerfishes nei (<i>Scomberomorus</i> spp), Southern red snapper (<i>Lutjanus purpureus</i>), Vermilion snapper (<i>Rhomboplites aurorubens</i>)	Hooks and lines (not specified), (Demersal)	Number of Vessels: 160, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:31 Atlantic Western Central)	Common bottlenose dolphin (UNKNOWN) Common dolphin (UNKNOWN) Dolphin unspecified (UNKNOWN)		Common bottlenose dolphin (UNKNOWN): UNKNOWN Common dolphin (UNKNOWN): UNKNOWN Dolphin unspecified (UNKNOWN): UNKNOWN
Export Fisheries						
Arius spp (<i>Arius</i> spp), Bressou sea catfish (<i>Aspistor quadriscutis</i>), Coco sea catfish (<i>Bagre bagre</i>), Common snook (<i>Centropomus undecimalis</i>), Crucifix sea catfish (<i>Arius proops</i>), Crucifix sea catfish (<i>Arius proops</i>), King weakfish (<i>Macrodon ancylodon</i>), King weakfish (<i>Macrodon ancylodon</i>), Smalleye croaker (<i>Nebris microps</i>), Softhead sea catfish (<i>Amphiarus rugispinis</i>), Spotted weakfish (<i>Cynoscion nebulosus</i>), Tarpon (<i>Megalops atlanticus</i>), Tripletail (<i>Lobotes surinamensis</i>)	Pin seines, (Surface)	Number of Vessels: 11, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:31 Atlantic Western Central),coastal, Suriname coastline	Guiana dolphin, costero (STOCK NOT SPECIFIED) West Indian manatee (STOCK NOT SPECIFIED)		Guiana dolphin, costero (STOCK NOT SPECIFIED): UNKNOWN West Indian manatee (STOCK NOT SPECIFIED): UNKNOWN

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Atlantic seabob (<i>Xiphopenaeus kroyeri</i>), Coco sea catfish (<i>Bagre bagre</i>), Gillbacker sea catfish (<i>Aspistor parkeri</i>), Green weakfish (<i>Cynoscion virescens</i>), King weakfish (<i>Macrodon ancylodon</i>), Smalleye croaker (<i>Nebris microps</i>)	Otter trawls (not specified), (Bottom)	Number of Vessels: 26, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:31 Atlantic Western Central),shallow coastal, FAO AREA 31, Suriname EEZ	Common bottlenose dolphin (UNKNOWN) Common dolphin (UNKNOWN) Dolphin unspecified (UNKNOWN) Guiana dolphin, costero (STOCK NOT SPECIFIED)	Common bottlenose dolphin (UNKNOWN): UNKNOWN Common dolphin (UNKNOWN): UNKNOWN Dolphin unspecified (UNKNOWN): UNKNOWN Guiana dolphin, costero (STOCK NOT SPECIFIED): UNKNOWN	
Flatfishes nei (<i>Pleuronectiformes</i>), Groundfishes nei (<i>Osteichthyes</i>), Wolffishes(=Catfishes) nei (<i>Anarhichas</i> spp)	Fixed gillnets (on stakes)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Atlantic, Western Central (FAO AREA 31)	Guiana dolphin, costero (STOCK NOT SPECIFIED)	Guiana dolphin, costero (STOCK NOT SPECIFIED): UNKNOWN	
Acoupa weakfish (<i>Cynoscion acoupa</i>), Bressou sea catfish (<i>Aspistor quadriscutis</i>), Carcharhinus sharks nei (<i>Carcharhinus</i> spp), Catfishes nei (<i>Ictalurus</i> spp), Cobia (<i>Rachycentron canadum</i>), Coco sea catfish (<i>Bagre bagre</i>), Couma sea catfish (<i>Sciades couma</i>), Croakers nei (<i>Micropogonias</i> spp), Crucifix sea catfish (<i>Arius proops</i>), Demersal fishes nei (<i>Osteichthyes</i>), Gillbacker sea catfish (<i>Aspistor parkeri</i>), Green weakfish (<i>Cynoscion virescens</i>), King weakfish (<i>Macrodon ancylodon</i>), Mackerels nei (<i>Scombridae</i>), Passany sea catfish (<i>Sciades passany</i>), Seerfishes nei (<i>Scomberomorus</i> spp), Smalleye croaker (<i>Nebris microps</i>), Smalltooth weakfish (<i>Cynoscion steindachneri</i>), Snooks(=Robalos) nei (<i>Centropomus</i> spp), Softhead sea catfish (<i>Amphiarus rugispinis</i>), Stingrays nei (<i>Dasyatis</i> spp), Tarpon (<i>Megalops atlanticus</i>), Tripletail (<i>Lobotes surinamensis</i>), Various sharks nei (<i>Selachimorpha</i> (<i>Pleurotremata</i>)), Weakfishes nei(=corvina/curvina) (<i>Cynoscion</i> spp), Whitemouth croaker (<i>Micropogonias furnieri</i>)	Drift gillnets, (Midwater)	Number of Vessels: 500, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:31 Atlantic Western Central),Suriname coast, Atlantic, Western Central (FAO AREA 31)	Guiana dolphin, costero (STOCK NOT SPECIFIED)	Guiana dolphin, costero (STOCK NOT SPECIFIED): UNKNOWN	

Sweden

Exempt Fisheries

Atlantic cod (<i>Gadus morhua</i>)	Handlines and hand-operated pole-and-lines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic Ocean (FAO zone 27)
Atlantic cod (<i>Gadus morhua</i>)	Danish seines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic Ocean (FAO zone 27)
Haddock (<i>Melanogrammus aeglefinus</i>)	Handlines and hand-operated pole-and-lines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic Ocean (FAO zone 27)

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Atlantic cod (Gadus morhua), Haddock (Melanogrammus aeglefinus)	Danish seines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic Ocean (FAO zone 27)			
Export Fisheries						
Atlantic cod (Gadus morhua)	Fish pots/fish traps	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic Ocean (FAO zone 27) (Baltic)			
Haddock (Melanogrammus aeglefinus)	Otter trawls (not specified), (Midwater)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic Ocean (FAO zone 27)	Harbor porpoise (STOCK NOT SPECIFIED)	Harbor porpoise (STOCK NOT SPECIFIED): UNKNOWN	
Haddock (Melanogrammus aeglefinus)	Bottom pair trawls, (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic Ocean (FAO zone 27)	Harbor porpoise (STOCK NOT SPECIFIED)	Harbor porpoise (STOCK NOT SPECIFIED): UNKNOWN	
Herrings/sardines nei (Clupeidae)	Fish pots/fish traps	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic Ocean (FAO zone 27)			
Herrings/sardines nei (Clupeidae)	trap nets/stationary nets	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic Ocean (FAO zone 27)			
Sea trout (Salmo trutta)	Pots/traps	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic Ocean (FAO zone 27)			

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Sea trout (<i>Salmo trutta</i>)	Pound nets	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic Ocean (FAO zone 27)			
Sea trout (<i>Salmo trutta</i>)	Set gillnets/set nets (anchored)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic Ocean (FAO zone 27)	Harbor porpoise (STOCK NOT SPECIFIED)	Harbor porpoise (STOCK NOT SPECIFIED): UNKNOWN	
Sea trout (<i>Salmo trutta</i>)	Combined gillnets-trammel nets	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic Ocean (FAO zone 27)	Harbor porpoise (STOCK NOT SPECIFIED)	Harbor porpoise (STOCK NOT SPECIFIED): UNKNOWN	
Sea trout (<i>Salmo trutta</i>)	Otter trawls (not specified), (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic Ocean (FAO zone 27)	Harbor porpoise (STOCK NOT SPECIFIED)	Harbor porpoise (STOCK NOT SPECIFIED): UNKNOWN	
Sea trout (<i>Salmo trutta</i>)	Midwater pair trawls, (Midwater)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic Ocean (FAO zone 27)	Harbor porpoise (STOCK NOT SPECIFIED)	Harbor porpoise (STOCK NOT SPECIFIED): UNKNOWN	
Sea trout (<i>Salmo trutta</i>)	Stow nets	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic Ocean (FAO zone 27)			
Atlantic cod (<i>Gadus morhua</i>)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic Ocean (FAO zone 27)			
Sturgeon (caviar/roe)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			
Anchovies nei (<i>Engraulis spp</i>)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Marine crabs nei (Brachyura)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			
Haddock (Melanogrammus aeglefinus)	Midwater pair trawls, (Midwater)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic Ocean (FAO zone 27)	Harbor porpoise (STOCK NOT SPECIFIED)	Harbor porpoise (STOCK NOT SPECIFIED): UNKNOWN	
Herrings/sardines nei (Clupeidae)	Pots/traps	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic Ocean (FAO zone 27)			
Herrings/sardines nei (Clupeidae)	Pound nets	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic Ocean (FAO zone 27)			
Herrings/sardines nei (Clupeidae)	Stow nets	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic Ocean (FAO zone 27)			
Herrings/sardines nei (Clupeidae)	Fyke nets	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic Ocean (FAO zone 27)			
Herrings/sardines nei (Clupeidae)	Drift gillnets	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic Ocean (FAO zone 27)	Harbor porpoise (STOCK NOT SPECIFIED)	Harbor porpoise (STOCK NOT SPECIFIED): UNKNOWN	
Herrings/sardines nei (Clupeidae)	Set gillnets/set nets (anchored)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic Ocean (FAO zone 27)	Harbor porpoise (STOCK NOT SPECIFIED)	Harbor porpoise (STOCK NOT SPECIFIED): UNKNOWN	

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Herrings/sardines nei (Clupeidae)	Combined gillnets-trammel nets	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic Ocean (FAO zone 27)	Harbor porpoise (STOCK NOT SPECIFIED)	Harbor porpoise (STOCK NOT SPECIFIED): UNKNOWN	
Herrings/sardines nei (Clupeidae)	Otter trawls (not specified), (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic Ocean (FAO zone 27)	Harbor porpoise (STOCK NOT SPECIFIED)	Harbor porpoise (STOCK NOT SPECIFIED): UNKNOWN	
Herrings/sardines nei (Clupeidae)	Otter trawls (not specified), (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic Ocean (FAO zone 27)	Harbor porpoise (STOCK NOT SPECIFIED)	Harbor porpoise (STOCK NOT SPECIFIED): UNKNOWN	
Herrings/sardines nei (Clupeidae)	Otter trawls (not specified), (Midwater)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic Ocean (FAO zone 27)	Harbor porpoise (STOCK NOT SPECIFIED)	Harbor porpoise (STOCK NOT SPECIFIED): UNKNOWN	
Herrings/sardines nei (Clupeidae)	Purse seines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic Ocean (FAO zone 27)			
Herrings/sardines nei (Clupeidae)	Bottom pair trawls, (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic Ocean (FAO zone 27)	Harbor porpoise (STOCK NOT SPECIFIED)	Harbor porpoise (STOCK NOT SPECIFIED): UNKNOWN	
Herrings/sardines nei (Clupeidae)	Midwater pair trawls, (Midwater)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic Ocean (FAO zone 27)	Harbor porpoise (STOCK NOT SPECIFIED)	Harbor porpoise (STOCK NOT SPECIFIED): UNKNOWN	
Herrings/sardines nei (Clupeidae)	Set longlines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic Ocean (FAO zone 27)			

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Salmonids nei (Salmonidae)	Pots/traps	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic Ocean (FAO zone 27)			
Salmonids nei (Salmonidae)	Pound nets	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic Ocean (FAO zone 27)			
Salmonids nei (Salmonidae)	Stow nets	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic Ocean (FAO zone 27)			
Salmonids nei (Salmonidae)	Set gillnets/set nets (anchored)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic Ocean (FAO zone 27)	Harbor porpoise (STOCK NOT SPECIFIED)	Harbor porpoise (STOCK NOT SPECIFIED): UNKNOWN	
Salmonids nei (Salmonidae)	Set longlines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic Ocean (FAO zone 27)			
Salmonids nei (Salmonidae)	Otter trawls (not specified), (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic Ocean (FAO zone 27)	Harbor porpoise (STOCK NOT SPECIFIED)	Harbor porpoise (STOCK NOT SPECIFIED): UNKNOWN	
Salmonids nei (Salmonidae)	Midwater pair trawls, (Midwater)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic Ocean (FAO zone 27)	Harbor porpoise (STOCK NOT SPECIFIED)	Harbor porpoise (STOCK NOT SPECIFIED): UNKNOWN	
Herrings/sardines nei (Clupeidae)	Set gillnets/set nets (anchored)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic Ocean (FAO zone 27)	Harbor porpoise (STOCK NOT SPECIFIED)	Harbor porpoise (STOCK NOT SPECIFIED): UNKNOWN	

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Herrings/sardines nei (Clupeidae)	Otter trawls (not specified), (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic Ocean (FAO zone 27)	Harbor porpoise (STOCK NOT SPECIFIED)	Harbor porpoise (STOCK NOT SPECIFIED): UNKNOWN	
Herrings/sardines nei (Clupeidae)	Otter trawls (not specified), (Midwater)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic Ocean (FAO zone 27)	Harbor porpoise (STOCK NOT SPECIFIED)	Harbor porpoise (STOCK NOT SPECIFIED): UNKNOWN	
Herrings/sardines nei (Clupeidae)	Purse seines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic Ocean (FAO zone 27)			
Herrings/sardines nei (Clupeidae)	Midwater pair trawls, (Midwater)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic Ocean (FAO zone 27)	Harbor porpoise (STOCK NOT SPECIFIED)	Harbor porpoise (STOCK NOT SPECIFIED): UNKNOWN	
Atlantic cod (Gadus morhua)	Pound nets	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic Ocean (FAO zone 27)			
Atlantic cod (Gadus morhua)	Fyke nets	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic Ocean (FAO zone 27)			
Atlantic cod (Gadus morhua)	Drift gillnets	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic Ocean (FAO zone 27)	Harbor porpoise (STOCK NOT SPECIFIED)	Harbor porpoise (STOCK NOT SPECIFIED): UNKNOWN	
Atlantic cod (Gadus morhua)	Set gillnets/set nets (anchored)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic Ocean (FAO zone 27)	Harbor porpoise (STOCK NOT SPECIFIED)	Harbor porpoise (STOCK NOT SPECIFIED): UNKNOWN	

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Atlantic cod (Gadus morhua)	Combined gillnets-trammel nets	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic Ocean (FAO zone 27)	Harbor porpoise (STOCK NOT SPECIFIED)	Harbor porpoise (STOCK NOT SPECIFIED): UNKNOWN	
Atlantic cod (Gadus morhua)	Set longlines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic Ocean (FAO zone 27)			
Atlantic cod (Gadus morhua)	Trolling lines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic Ocean (FAO zone 27)			
Atlantic cod (Gadus morhua)	Otter trawls (not specified), (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic Ocean (FAO zone 27)	Harbor porpoise (STOCK NOT SPECIFIED)	Harbor porpoise (STOCK NOT SPECIFIED): UNKNOWN	
Atlantic cod (Gadus morhua)	Otter trawls (not specified), (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic Ocean (FAO zone 27)	Harbor porpoise (STOCK NOT SPECIFIED)	Harbor porpoise (STOCK NOT SPECIFIED): UNKNOWN	
Atlantic cod (Gadus morhua)	Otter trawls (not specified), (Midwater)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic Ocean (FAO zone 27)	Harbor porpoise (STOCK NOT SPECIFIED)	Harbor porpoise (STOCK NOT SPECIFIED): UNKNOWN	
Atlantic cod (Gadus morhua)	Purse seines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic Ocean (FAO zone 27)			
Atlantic cod (Gadus morhua)	Bottom pair trawls, (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic Ocean (FAO zone 27)	Harbor porpoise (STOCK NOT SPECIFIED)	Harbor porpoise (STOCK NOT SPECIFIED): UNKNOWN	

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Atlantic cod (<i>Gadus morhua</i>)	Midwater pair trawls, (Midwater)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic Ocean (FAO zone 27)	Harbor porpoise (STOCK NOT SPECIFIED)	Harbor porpoise (STOCK NOT SPECIFIED): UNKNOWN	
Haddock (<i>Melanogrammus aeglefinus</i>)	Drift gillnets	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic Ocean (FAO zone 27)	Harbor porpoise (STOCK NOT SPECIFIED)	Harbor porpoise (STOCK NOT SPECIFIED): UNKNOWN	
Haddock (<i>Melanogrammus aeglefinus</i>)	Set gillnets/set nets (anchored)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic Ocean (FAO zone 27)	Harbor porpoise (STOCK NOT SPECIFIED)	Harbor porpoise (STOCK NOT SPECIFIED): UNKNOWN	
Haddock (<i>Melanogrammus aeglefinus</i>)	Combined gillnets-trammel nets	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic Ocean (FAO zone 27)	Harbor porpoise (STOCK NOT SPECIFIED)	Harbor porpoise (STOCK NOT SPECIFIED): UNKNOWN	
Haddock (<i>Melanogrammus aeglefinus</i>)	Trolling lines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic Ocean (FAO zone 27)			
Haddock (<i>Melanogrammus aeglefinus</i>)	Otter trawls (not specified), (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic Ocean (FAO zone 27)	Harbor porpoise (STOCK NOT SPECIFIED)	Harbor porpoise (STOCK NOT SPECIFIED): UNKNOWN	
Haddock (<i>Melanogrammus aeglefinus</i>)	Otter trawls (not specified), (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic Ocean (FAO zone 27)	Harbor porpoise (STOCK NOT SPECIFIED)	Harbor porpoise (STOCK NOT SPECIFIED): UNKNOWN	

Taiwan

Exempt Fisheries

Precious corals <i>nei</i> (<i>Corallium</i> spp)	Hand collection, (Benthic)	Number of Vessels: 59, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Taiwan's water			
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Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Argentine shortfin squid (<i>Illex argentinus</i>), Jumbo flying squid (<i>Dosidicus gigas</i>), Neon flying squid (<i>Ommastrephes bartrami</i>), Sevenstar flying squid (<i>Martialia hyadesi</i>)	Jig, (Pelagic)	Number of Vessels: 106, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	High Seas,EEZ,Falkland Islands,(FAO:61 Pacific Northwest, FAO:87 Pacific Southeast),Apart from East Pacific Ocean and North Pacific Ocean, this fishery also operates in Southwest of Atlantic Ocean (FAO area 41); however, such information cannot be reflected in Q11 due to technical limitation. Besides, in the area of North Pacific Ocean, this fishery only operates in its high seas.			NPFC,SP RFMO
Pacific saury (<i>Cololabis saira</i>)	Other (Please Specify) stick-held dipnet, (Pelagic)	Number of Vessels: 102, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	High Seas,(FAO:61 Pacific Northwest),North Pacific Ocean			NPFC
Bonitos nei (<i>Sarda</i> spp), Jack and horse mackerels nei (<i>Trachurus</i> spp), Mackerels nei (<i>Scombridae</i>)	Taiwanese seines, (Surface)	Number of Vessels: none provided, Licenses: none provided, Participants: 60, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),north and southwest waters of Taiwan, in waters above 24 degree North Latitude and in southwest waters of Taiwan In the Northern Inlets (Pengjia Islet, Mianhua Islet, and Huaping Islet)	Dolphin unspecified (STOCK NOT SPECIFIED)	Dolphin unspecified (STOCK NOT SPECIFIED): NOT PROVIDED	
Various squids nei (<i>Loliginidae</i> , <i>Ommastrephidae</i>)	Other (Please Specify) Torch light net, (Surface)	Number of Vessels: 1975, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Taiwan's water	Dolphin unspecified (STOCK NOT SPECIFIED)	Dolphin unspecified (STOCK NOT SPECIFIED): NOT PROVIDED	
Export Fisheries						
Cephalopods nei (<i>Cephalopoda</i>), Mulletts nei (<i>Mugilidae</i>), Seerfishes nei (<i>Scomberomorus</i> spp), Snappers nei (<i>Lutjanus</i> spp)	Combined gillnets-trammel nets, (Midwater), Drift gillnets, (Midwater), Set gillnets/set nets (anchored), (Midwater)	Number of Vessels: 10839, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Surrounding waters of Taiwan; 12 out of 22 County/ City Governments have respectively established their local rules regarding area/ time closure on trammel nets and gillnets or restriction on the use of trammel nets and gillnets.	Dolphin unspecified (STOCK NOT SPECIFIED) Indo-Pacific humpback dolphin (UNKNOWN)	Dolphin unspecified (STOCK NOT SPECIFIED): 0 Indo-Pacific humpback dolphin (UNKNOWN): 0	

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Cephalopods nei (Cephalopoda), Demersal fishes nei (Osteichthyes), Marine crabs nei (Brachyura)	Bottom trawls (not specified), (Demersal)	Number of Vessels: 1206, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Territorial sea of Taiwan, including eastern Taiwan Strait. According to our domestic Regulations, trawl-net fishing vessels shall not operate in waters within 3 nautical miles off shores. Trawl-net fishing vessels over 50 tons GRT shall not operate in waters within 12 nautical miles off shores.	Dolphin unspecified (STOCK NOT SPECIFIED)	Dolphin unspecified (STOCK NOT SPECIFIED): 0	
Dolphinfishes nei (Coryphaenidae), Marlins,sailfishes,etc. nei (Istiophoridae), True tunas nei (Thunnus spp), Tuna-like fishes nei (Scombroidei), Tunas nei (Thunnini), Various sharks nei (Selachimorpha (Pleurotremata))	Longlines (not specified), (Surface)	Number of Vessels: 390, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Taiwan's water	Dolphin unspecified (STOCK NOT SPECIFIED)	Dolphin unspecified (STOCK NOT SPECIFIED): 0	WCPFC
Blue-spotted stingray (Dasyatis kuhlii), Greater amberjack (Seriola dumerili), Hairtails/scabbardfishes nei (Trichiuridae), Horsehead tilefish (Branchiostegus japonicus), Yellowback seabream (Dentex tumifrons)	Longlines (not specified), (Demersal)	Number of Vessels: 2188, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Surrounding waters of Taiwan	Dolphin unspecified (STOCK NOT SPECIFIED)	Dolphin unspecified (STOCK NOT SPECIFIED): 0	
Sakura shrimp (Sergestes lucens), Taiwan mauxia shrimp (Acetes intermedius)	Other (Please Specify) Sakura shrimp trawl, (Demersal)	Number of Vessels: 192, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Territorial sea of Taiwan, including Eastern Taiwan Strait	Dolphin unspecified (STOCK NOT SPECIFIED)	Dolphin unspecified (STOCK NOT SPECIFIED): 0	
Barramundi(=Giant seaperch) (Lates calcarifer), Cobia (Rachycentron canadum), Groupers nei (Epinephelus spp), Japanese seabass (Lateolabrax japonicus), Porgies/seabreams nei (Sparidae), Snubnose pompano (Trachinotus blochii)	Aquaculture (cages, net pens), (Surface)	Number of Vessels: none provided, Licenses: none provided, Participants: 11, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Surrounding waters of Taiwan; the farthest of its facilities locates about 3 nautical miles off shores.			
Blue mackerel (Scomber australasicus), Bullet tuna (Auxis rochei), Common dolphinfish (Coryphaena hippurus), Greater amberjack (Seriola dumerili), Seerfishes nei (Scomberomorus spp), Skipjack tuna (Katsuwonus pelamis)	Other (Please Specify) Set-net fishery, (Surface)	Number of Vessels: none provided, Licenses: none provided, Participants: 63, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Taiwan nearshore	Dolphin unspecified (STOCK NOT SPECIFIED)	Dolphin unspecified (STOCK NOT SPECIFIED): UNKNOWN	
Buccaneer anchovy (Encrasicholina punctifer), Japanese anchovy (Engraulis japonicus)	Stow nets, (Surface)	Number of Vessels: 425, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest),Estuaries and coast of Taiwan; Its fishing area covers waters 500m off shores of New Taipei City, Hsinchu City and Hsinchu County and 1000m off shores of Taoyuan City. Those waters are not suitable habitat for marine mammals.	Dolphin unspecified (STOCK NOT SPECIFIED)	Dolphin unspecified (STOCK NOT SPECIFIED): 0	

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
True tunas nei (Thunnus spp), Tuna-like fishes nei (Scombroidei), Tunas nei (Thunnini)	Purse seines, (Surface)	Number of Vessels: 34, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	High Seas,EEZ,Federated States of Micronesia,Kiribati,Marshall Islands,Nauru,Palau,Papua New Guinea,Solomon Islands,Tuvalu,(FAO:67 Pacific Northeast, FAO:61 Pacific Northwest),WCPFC Convention Area (primarily EEZs of PICs)	Baleen whale unspecified (UNKNOWN) Blainville's beaked whale (UNKNOWN) Common bottlenose dolphin (UNKNOWN) Dolphin unspecified (STOCK NOT SPECIFIED) False killer whale (UNKNOWN) Fin whale (UNKNOWN) Killer whale, orca (UNKNOWN) Offshore Bryde's whale (UNKNOWN) Pygmy killer whale (UNKNOWN) Sei whale (UNKNOWN) Whale unspecified (STOCK NOT SPECIFIED) pilot whale unspecified (UNKNOWN)	Baleen whale unspecified (UNKNOWN): 0 Blainville's beaked whale (UNKNOWN): 0 Common bottlenose dolphin (UNKNOWN): 0 Dolphin unspecified (STOCK NOT SPECIFIED): 6.6 False killer whale (UNKNOWN): 0 Fin whale (UNKNOWN): 0 Killer whale, orca (UNKNOWN): 0 Offshore Bryde's whale (UNKNOWN): 0 Pygmy killer whale (UNKNOWN): 0 Sei whale (UNKNOWN): 0 Whale unspecified (STOCK NOT SPECIFIED): 0 pilot whale unspecified (UNKNOWN): 0	WCPFC
Dolphinfishes nei (Coryphaenidae), Marlins nei (Makaira spp), Marlins,sailfishes,etc. nei (Istiophoridae), Swordfish (Xiphias gladius), Tuna-like fishes nei (Scombroidei), Various sharks nei (Selachimorpha (Pleurotremata))	Longlines (not specified), (Pelagic)	Number of Vessels: 137, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	High Seas,(FAO:77 Pacific Eastern Central, FAO:67 Pacific Northeast, FAO:87 Pacific Southeast, FAO:81 Pacific Southwest),Inter-American Tropical Tuna Commission Convention Area	Common bottlenose dolphin (UNKNOWN) Short-finned pilot whale (UNKNOWN) Toothed whale unspecified (UNKNOWN)	Common bottlenose dolphin (UNKNOWN): 0 Short-finned pilot whale (UNKNOWN): 0 Toothed whale unspecified (UNKNOWN): 0	IATTC
Marlins,sailfishes,etc. nei (Istiophoridae), True tunas nei (Thunnus spp), Tuna-like fishes nei (Scombroidei), Tunas nei (Thunnini), Various sharks nei (Selachimorpha (Pleurotremata))	Longlines (not specified), (Pelagic)	Number of Vessels: 273, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	High Seas, EEZ, Madagascar, Mauritius, Mozambique, Seychelles, Tanzania, (FAO:57 Indian Ocean Eastern, FAO:51 Indian Ocean Western),IOTC area of Competence	Dolphin unspecified (STOCK NOT SPECIFIED) False killer whale (UNKNOWN) Melon-headed whale, Electra dolphin (UNKNOWN)	Dolphin unspecified (STOCK NOT SPECIFIED): 0 False killer whale (UNKNOWN): 0 Melon-headed whale, Electra dolphin (UNKNOWN): 0	IOTC
Dolphinfishes nei (Coryphaenidae), Marlins,sailfishes,etc. nei (Istiophoridae), True tunas nei (Thunnus spp), Tuna-like fishes nei (Scombroidei), Tunas nei (Thunnini), Various sharks nei (Selachimorpha (Pleurotremata))	Longlines (not specified), (Pelagic)	Number of Vessels: 84, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	High Seas, EEZ, Namibia, Sierra Leone,(FAO:48 Atlantic Antarctic, FAO:34 Atlantic Eastern Central, FAO:27 Atlantic Northeast, FAO:21 Atlantic Northwest, FAO:47 Atlantic Southeast, FAO:41 Atlantic Southwest, FAO:31 Atlantic Western Central),ICCAT Convention Area; the operation in Sierra Leone's EEZ had ended in the end of 2017	Common bottlenose dolphin (UNKNOWN) Dolphin unspecified (STOCK NOT SPECIFIED) False killer whale (UNKNOWN) Melon-headed whale, Electra dolphin (UNKNOWN) Pantropical spotted dolphin (UNKNOWN) Pygmy sperm whale (UNKNOWN) Spinner dolphin (UNKNOWN) Whale unspecified (STOCK NOT SPECIFIED)	Common bottlenose dolphin (UNKNOWN): 9 Dolphin unspecified (STOCK NOT SPECIFIED): 4 False killer whale (UNKNOWN): 0 Melon-headed whale, Electra dolphin (UNKNOWN): 0 Pantropical spotted dolphin (UNKNOWN): 3 Pygmy sperm whale (UNKNOWN): 5 Spinner dolphin (UNKNOWN): 2 Whale unspecified (STOCK NOT SPECIFIED): 0	ICCAT

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Dolphinfishes nei (Coryphaenidae), Marlins nei (Makaira spp), Marlins,sailfishes,etc. nei (Istiophoridae), Swordfish (Xiphias gladius), Tuna-like fishes nei (Scombroidei), Various sharks nei (Selachimorpha (Pleurotremata))	Longlines (not specified), (Pelagic)	Number of Vessels: 638, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	High Seas,EEZ,Federated States of Micronesia, Palau,Papua New Guinea,Solomon Islands,(FAO:77 Pacific Eastern Central, FAO:67 Pacific Northeast, FAO:61 Pacific Northwest, FAO:81 Pacific Southwest, FAO:71 Pacific Western Central),Western Central Pacific Fisheries Commission Convention Area (Except for Taiwan's water)	Common bottlenose dolphin (UNKNOWN) False killer whale (UNKNOWN)	Common bottlenose dolphin (UNKNOWN): 0 False killer whale (UNKNOWN): 0	WCPFC
Dolphinfishes nei (Coryphaenidae), Marlins nei (Makaira spp), Marlins,sailfishes,etc. nei (Istiophoridae), Swordfish (Xiphias gladius), True tunas nei (Thunnus spp), Tuna-like fishes nei (Scombroidei), Tunas nei (Thunnini), Various sharks nei (Selachimorpha (Pleurotremata))	Longlines (not specified), (Pelagic)	Number of Vessels: 638, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	High Seas,EEZ,Federated States of Micronesia,Palau,Papua New Guinea,Solomon Islands,(FAO:77 Pacific Eastern Central, FAO:67 Pacific Northeast, FAO:87 Pacific Southeast, FAO:81 Pacific Southwest, FAO:71 Pacific Western Central),Convention Areas of WCPFC and IATTC (Except for Taiwan's water)	Common bottlenose dolphin (UNKNOWN) False killer whale (UNKNOWN) Short-finned pilot whale (UNKNOWN) Toothed whale unspecified (UNKNOWN)	Common bottlenose dolphin (UNKNOWN): 4 False killer whale (UNKNOWN): 3 Short-finned pilot whale (UNKNOWN): 2 Toothed whale unspecified (UNKNOWN): 2	IATTC,WCPFC

Tanzania

Exempt Fisheries						
Hard corals/madrepores nei (Scleractinia)	Diving (SCUBA and/or free-diving)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			
Giant tiger prawn (Penaeus monodon), Green tiger prawn (Penaeus semisulcatus), Indian white prawn (Fenneropenaeus indicus), Penaeus shrimps nei (Penaeus spp), Speckled shrimp (Metapenaeus monoceros), marine shrimps nei	Beach seines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	shore of Indian ocean			
Seaweeds nei (Algae)	Aquaculture (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	coastal EEZ			
Export Fisheries						
Various sharks nei (Selachimorpha (Pleurotremata))	Gillnets and entangling nets (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	coastal EEZ	Dugong (STOCK NOT SPECIFIED) Whale unspecified (STOCK NOT SPECIFIED)	Dugong (STOCK NOT SPECIFIED): NOT PROVIDED Whale unspecified (STOCK NOT SPECIFIED): NOT PROVIDED	

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Herrings/sardines nei (Clupeidae), Mackerels nei (Scombridae)	Purse seines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Coast of Tanga, Dar es Salaam Zanzibar and Mafia areas			IOTC
Giant tiger prawn (Penaeus monodon), Green tiger prawn (Penaeus semisulcatus), Indian white prawn (Fenneropenaeus indicus), Penaeus shrimps nei (Penaeus spp), Speckled shrimp (Metapenaeus monoceros), marine shrimps nei	Trawls (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ in Indian ocean			
Dolphinfishes nei (Coryphaenidae), Tunas nei (Thunnini)	Longlines (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Indian Ocean Tuna Commission Convention Area			IOTC
Albacore (Thunnus alalunga), Marlins nei (Makaira spp), Swordfish (Xiphias gladius), Tunas nei (Thunnini), Various sharks nei (Selachimorpha (Pleurotremata)), Yellowfin tuna (Thunnus albacares)	Gillnets and entangling nets (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Indian Ocean, Oman Sea	Common bottlenose dolphin (STOCK NOT SPECIFIED) Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED) Humpback whale (STOCK NOT SPECIFIED) Risso's dolphin, grampus (STOCK NOT SPECIFIED)	Common bottlenose dolphin (STOCK NOT SPECIFIED): NOT PROVIDED Common dolphin, saddleback dolphin (STOCK NOT SPECIFIED): NOT PROVIDED Humpback whale (STOCK NOT SPECIFIED): NOT PROVIDED Risso's dolphin, grampus (STOCK NOT SPECIFIED): NOT PROVIDED	
Octopuses nei (Octopus spp)	Pots/traps, Trawls (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			
Albacore (Thunnus alalunga), Marlins nei (Makaira spp), Swordfish (Xiphias gladius), Tunas nei (Thunnini), Various sharks nei (Selachimorpha (Pleurotremata)), Yellowfin tuna (Thunnus albacares)	Ring nets	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Indian Ocean, Oman Sea			
Albacore (Thunnus alalunga), Marlins nei (Makaira spp), Swordfish (Xiphias gladius), Tunas nei (Thunnini), Various sharks nei (Selachimorpha (Pleurotremata)), Yellowfin tuna (Thunnus albacares)	Trolling lines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Indian Ocean, Oman Sea			

Thailand

Exempt Fisheries

Anchovies nei (Engraulis spp), Commerson's anchovy (Stolephorus commersonii)	Lift nets (not specified), (Pelagic)	Number of Vessels: 33, Licenses: 33, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:57 Indian Ocean Eastern, FAO:71 Pacific Western Central),57.1,Offshore Gulf of Thailand/Andaman Sea			
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Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Cockles nei (Cardiidae)	Dredges (not specified), (Bottom)	Number of Vessels: 43, Licenses: 9, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:57 Indian Ocean Eastern, FAO:71 Pacific Western Central),57.1,Gulf of Thailand/Andaman Sea	Dolphin unspecified (STOCK NOT SPECIFIED)	Dolphin unspecified (STOCK NOT SPECIFIED): NOT PROVIDED	
Common squids nei (Loligo spp)	Boat-operated lift nets, (Pelagic), Falling nets, (Pelagic)	UNKNOWN	EEZ,(FAO:57 Indian Ocean Eastern, FAO:71 Pacific Western Central),57.1,Gulf of Thailand/Andaman Sea	Dolphin unspecified (STOCK NOT SPECIFIED)	Dolphin unspecified (STOCK NOT SPECIFIED): NOT PROVIDED	
Clams/etc. nei (Bivalvia), Hard clams nei (Meretrix spp)	Dredges (not specified), (Bottom)	Number of Vessels: 162, Licenses: 133, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:57 Indian Ocean Eastern, FAO:71 Pacific Western Central),57.1,Gulf of Thailand/Andaman Sea	Dolphin unspecified (STOCK NOT SPECIFIED)	Dolphin unspecified (STOCK NOT SPECIFIED): NOT PROVIDED	
Pomfrets/ocean breams nei (Bramidae)	Boat-operated lift nets, (Pelagic)	UNKNOWN	EEZ,(FAO:71 Pacific Western Central),Gulf of Thailand	Dolphin unspecified (STOCK NOT SPECIFIED)	Dolphin unspecified (STOCK NOT SPECIFIED): NOT PROVIDED	
Indo-Pacific swamp crab (Scylla serrata)	Hand collection, (Bottom)	UNKNOWN	EEZ,(FAO:57 Indian Ocean Eastern, FAO:71 Pacific Western Central),Coastal areas Gulf of Thailand/Andaman Sea			
Anchovies nei (Engraulis spp), Commerson's anchovy (Stolephorus commersonii)	Falling nets, (Pelagic)	Number of Vessels: 575, Licenses: 575, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:57 Indian Ocean Eastern, FAO:71 Pacific Western Central),57.1,Offshore Gulf of Thailand/Andaman Sea			
Flat and cupped oysters nei (Ostreidae), Green mussel (Perna viridis), Sea mussels nei (Mytilidae)	Hand collection, (Bottom)	UNKNOWN	EEZ,(FAO:57 Indian Ocean Eastern, FAO:71 Pacific Western Central),57.1,Gulf of Thailand/Andaman Sea			
Demersal fishes nei (Osteichthyes)	Hooks and lines (not specified), (Benthic)	UNKNOWN	EEZ,(FAO:57 Indian Ocean Eastern, FAO:71 Pacific Western Central),Andaman Sea/Gulf of Thailand			
Thai vinegar crab (Episesarma mederi)	Hand collection, (Bottom)	UNKNOWN	EEZ,(FAO:71 Pacific Western Central),Coastal areas Gulf of Thailand			

Export Fisheries

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Bigeye snapper (<i>Lutjanus lutjanus</i>), Bigeyes nei (<i>Priacanthus</i> spp), Purple-spotted bigeye (<i>Priacanthus tayenus</i>), Red bigeye (<i>Priacanthus macracanthus</i>)	single and/or pair trawl, (Demersal)	Number of Vessels: 3, Licenses: 3, Participants: none provided, Aquaculture Facilities: none provided	High Seas,(FAO:51 Indian Ocean Western),51.7,Thai flagged vessels authorized for fishing only in Thailand fishing footprint in 51.7 FAO area			SIOFA
Hogchoker (<i>Trinectes maculatus</i>), Rock sole (<i>Lepidopsetta bilineata</i>), Soles nei (<i>Soleidae</i>)	Trawls (not specified), (Demersal)	Number of Vessels: none provided, Licenses: 3, Participants: none provided, Aquaculture Facilities: none provided	High Seas,EEZ,(FAO:61 Pacific Northwest),High sea, EEZ			NPFC
Cuttlefishes nei (<i>Sepia</i> spp), Octopuses nei (<i>Octopus</i> spp)	octopus pots, (Demersal), squid pots, (Demersal)	Number of Vessels: 348, Licenses: 348, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:57 Indian Ocean Eastern, FAO:71 Pacific Western Central),57.1,Gulf of Thailand/Andaman Sea			
Sergestid shrimps nei (<i>Sergestidae</i>)	Pushnets, (Pelagic)	Number of Vessels: 119, Licenses: 119, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:57 Indian Ocean Eastern, FAO:71 Pacific Western Central),57.1,Gulf of Thailand			
Banana prawn (<i>Fenneropenaeus merguensis</i>), Giant tiger prawn (<i>Penaeus monodon</i>), Greasyback shrimp (<i>Metapenaeus ensis</i>), Jinga shrimp (<i>Metapenaeus affinis</i>), Red swamp crawfish (<i>Procambarus clarkii</i>), Southern velvet shrimp (<i>Metapenaeopsis palmensis</i>)	Trammel nets, (Benthic)	Number of Vessels: 872, Licenses: 872, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:57 Indian Ocean Eastern, FAO:71 Pacific Western Central),57.1,Gulf of Thailand/Andaman Sea	Dugong (250) Irrawaddy dolphin, pesut (635)	Dugong (250): UNKNOWN Irrawaddy dolphin, pesut (635): UNKNOWN	
Blue swimming crab (<i>Portunus pelagicus</i>), Indo-Pacific swamp crab (<i>Scylla serrata</i>), Lobsters nei (<i>Reptantia</i>), Marine crabs nei (<i>Brachyura</i>), Swimming crabs/etc. nei (<i>Portunidae</i>)	Traps (not specified), (Benthic)	Number of Vessels: 386, Licenses: 386, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:57 Indian Ocean Eastern, FAO:71 Pacific Western Central),57.1,Coastal areas Gulf of Thailand/Andaman Sea			
Banana prawn (<i>Fenneropenaeus merguensis</i>), Black pomfret (<i>Parastromateus niger</i>), Blue swimming crab (<i>Portunus pelagicus</i>), Catfishes nei (<i>Ictalurus</i> spp), Flathead lobster (<i>Thenus orientalis</i>), Fourfinger threadfin (<i>Eleutheronema tetradactylum</i>), Giant tiger prawn (<i>Penaeus monodon</i>), Greasyback shrimp (<i>Metapenaeus ensis</i>), Greenback mullet (<i>Chelon subviridis</i>), Herrings/sardines nei (<i>Clupeidae</i>), Indian mackerel (<i>Rastrelliger kanagurta</i>), Jinga shrimp (<i>Metapenaeus affinis</i>), King crabs/stone crabs nei (<i>Lithodidae</i>), Lobsters nei (<i>Reptantia</i>), Mackerels nei (<i>Scombridae</i>), Marine crabs nei (<i>Brachyura</i>), Porgies/seabreams nei (<i>Sparidae</i>), Red swamp crawfish (<i>Procambarus clarkii</i>), Scomber mackerels nei (<i>Scomber</i> spp), Seerfishes nei (<i>Scomberomorus</i> spp), Short mackerel (<i>Rastrelliger brachysoma</i>), Sillago spp (<i>Sillago</i> spp), Silver pomfret (<i>Pampus argenteus</i>), Southern velvet shrimp (<i>Metapenaeopsis palmensis</i>), Spanner crab (<i>Ranina ranina</i>), Spotted catfish (<i>Arius maculatus</i>), Swimming crabs/etc. nei (<i>Portunidae</i>), Threadfin breams nei (<i>Nemipterus</i> spp), Wahoo (<i>Acanthocybium solandri</i>), White sardine (<i>Escualosa thoracata</i>)	Gillnets and entangling nets (not specified), (Demersal), Gillnets and entangling nets (not specified), (Pelagic)	Number of Vessels: 867, Licenses: 867, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:57 Indian Ocean Eastern, FAO:71 Pacific Western Central),57.1,Coastal areas, Gulf of Thailand/Andaman Sea			
Eels/morays/congers nei (<i>Anguilliformes</i>), Stingrays nei (<i>Dasyatis</i> spp)	Longlines (not specified), (Benthic)	Number of Vessels: 177, Licenses: 177, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:57 Indian Ocean Eastern, FAO:71 Pacific Western Central),57.1,Gulf of Thailand/Andaman Sea			

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Blackspot snapper (<i>Lutjanus ehrenbergii</i>), Demersal fishes nei (<i>Osteichthyes</i>), Eclipse parrotfish (<i>Scarus russelii</i>), Eels/morays/congers nei (<i>Anguilliformes</i>), Emperor red snapper (<i>Lutjanus sebae</i>), Forsten's parrotfish (<i>Scarus forsteni</i>), Grey cutthroat eel (<i>Synaphobranchus affinis</i>), Groupers nei (<i>Epinephelus</i> spp), Humphead wrasse (<i>Cheilinus undulatus</i>), Malabar blood snapper (<i>Lutjanus malabaricus</i>), Parrotfish (<i>Sparisoma cretense</i>), Sailfin snapper (<i>Symphoricarichthys spilurus</i>), Sixbar grouper (<i>Epinephelus sexfasciatus</i>), Snappers nei (<i>Lutjanus</i> spp), Spinefeet/Rabbitfishes nei (<i>Siganus</i> spp)	Traps (not specified), (Benthic)	Number of Vessels: 261, Licenses: 261, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:57 Indian Ocean Eastern, FAO:71 Pacific Western Central),57.1,Gulf of Thailand/Andaman Sea			
Banana prawn (<i>Fenneropenaeus merguensis</i>), Barracudas nei (<i>Sphyræna</i> spp), Blackspot snapper (<i>Lutjanus ehrenbergii</i>), Blue swimming crab (<i>Portunus pelagicus</i>), Cobia (<i>Rachycentron canadum</i>), Demersal fishes nei (<i>Osteichthyes</i>), Emperor red snapper (<i>Lutjanus sebae</i>), Giant tiger prawn (<i>Penaeus monodon</i>), Goatfishes/red mullets nei (<i>Mullidae</i>), Greasyback shrimp (<i>Metapenaeus ensis</i>), Groupers nei (<i>Epinephelus</i> spp), Hairtails nei (<i>Trichiurus</i> spp), Humphead wrasse (<i>Cheilinus undulatus</i>), Indian volute (Melo melo), Jinga shrimp (<i>Metapenaeus affinis</i>), Lizardfishes nei (<i>Synodontidae</i>), Malabar blood snapper (<i>Lutjanus malabaricus</i>), Marine crabs nei (<i>Brachyura</i>), Porgies/seabreams nei (<i>Sparidae</i>), Red swamp crawfish (<i>Procambarus clarkii</i>), Sailfin snapper (<i>Symphoricarichthys spilurus</i>), Scads nei (<i>Decapterus</i> spp), Scallop (<i>Chlamys livida</i>), Sea catfishes nei (<i>Ariidae</i>), Sixbar grouper (<i>Epinephelus sexfasciatus</i>), Snappers nei (<i>Lutjanus</i> spp), Southern velvet shrimp (<i>Metapenaeopsis palmensis</i>), Spinefeet/Rabbitfishes nei (<i>Siganus</i> spp), Spotted catfish (<i>Arius maculatus</i>), Stingrays nei (<i>Dasyatis</i> spp), Swimming crabs/etc. nei (<i>Portunidae</i>), Threadfin breams nei (<i>Nemipterus</i> spp), Tonguefishes (<i>Cynoglossidae</i>), Torpedo scad (<i>Megalaspis cordyla</i>), Various squids nei (<i>Loliginidae</i> , <i>Ommastrephidae</i>), Whitespotted conger (<i>Conger myriaster</i>), Yesso scallop (<i>Patinopecten yessoensis</i>), blue-spotted flathead (<i>Platycephalus caeruleopunctatus</i>), glass perchlet (<i>Parambassis siamensis</i>), marine shrimps nei	Beam trawls, (Demersal), Otter trawls (not specified), (Demersal), single and/or pair trawl, (Demersal)	Number of Vessels: 3583, Licenses: 3583, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:57 Indian Ocean Eastern, FAO:71 Pacific Western Central),57.1,Gulf of Thailand/Andaman Sea			
Bigeye scad (<i>Selar crumenophthalmus</i>), Bigeye tuna (<i>Thunnus obesus</i>), Black pomfret (<i>Parastromateus niger</i>), Bonitos nei (<i>Sarda</i> spp), Commerson's anchovy (<i>Stolephorus commersonii</i>), Common dolphinfish (<i>Coryphaena hippurus</i>), Herrings/sardines nei (<i>Clupeidae</i>), Indian mackerel (<i>Rastrelliger kanagurta</i>), Japanese amberjack (<i>Seriola quinqueradiata</i>), Longtail tuna (<i>Thunnus tonggol</i>), Mackerels nei (<i>Scombridae</i>), Pelagic fishes nei (<i>Osteichthyes</i>), Pinjalo (Pinjalo pinjalo), Roughear scad (<i>Decapterus tabl</i>), Round scad (<i>Decapterus punctatus</i>), Scads nei (<i>Decapterus</i> spp), Scomber mackerels nei (<i>Scomber</i> spp), Seerfishes nei (<i>Scomberomorus</i> spp), Seerfishes nei (<i>Scomberomorus</i> spp), Short mackerel (<i>Rastrelliger brachysoma</i>), Silver pomfret (<i>Pampus argenteus</i>), Skipjack tuna (<i>Katsuwonus pelamis</i>), Torpedo scad (<i>Megalaspis cordyla</i>), Wahoo (<i>Acanthocybium solandri</i>), Yellow and blueback fusilier (<i>Caesio teres</i>), Yellowfin tuna (<i>Thunnus albacares</i>), Yellowstripe scad (<i>Selaroides leptolepis</i>), Yellowtail scad (<i>Atule mate</i>)	Purse seines, (Demersal)	Number of Vessels: 856, Licenses: 856, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:57 Indian Ocean Eastern, FAO:71 Pacific Western Central),57.1,Offshore Gulf of Thailand/Andaman Sea			
Anchovies nei (<i>Engraulis</i> spp), Commerson's anchovy (<i>Stolephorus commersonii</i>)	Other (Please Specify) Anchovy Purse seines, (Pelagic)	Number of Vessels: 187, Licenses: 187, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:57 Indian Ocean Eastern, FAO:71 Pacific Western Central),57.1,Offshore Gulf of Thailand/Andaman Sea			

The Gambia

Export Fisheries	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Guinean sole (<i>Synaptura cadenati</i>), Senegalese sole (<i>Solea senegalensis</i>), Senegalese tonguesole (<i>Cynoglossus senegalensis</i>), Soles nei (<i>Soleidae</i>), Spiny turbot nei (<i>Psettodidae</i>), Spottail spiny turbot (<i>Psettodes belcheri</i>)	Gillnets and entangling nets (not specified), (Bottom), Set gillnets/set nets (anchored), (Bottom)	UNKNOWN	EEZ,Senegal,(FAO:34 Atlantic Eastern Central)	Atlantic harbor porpoise (UNKNOWN) Atlantic humpback dolphin (UNKNOWN) Common bottlenose dolphin (UNKNOWN) Common minke whale (UNKNOWN) Long-beaked Common Dolphin (UNKNOWN) Pygmy sperm whale (UNKNOWN)	Atlantic harbor porpoise (UNKNOWN): UNKNOWN Atlantic humpback dolphin (UNKNOWN): UNKNOWN Common bottlenose dolphin (UNKNOWN): UNKNOWN Common minke whale (UNKNOWN): UNKNOWN Long-beaked Common Dolphin (UNKNOWN): UNKNOWN Pygmy sperm whale (UNKNOWN): UNKNOWN	CECAF,C OMHafa T,SRFC

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Giant African threadfin (<i>Polydactylus quadrifilis</i>), Guinean sea catfish (<i>Arius parkii</i>), Lesser African threadfin (<i>Galeoides decadactylus</i>), Rough-head sea catfish (<i>Arius latiscutatus</i>), Royal threadfin (<i>Pentanemus quinquarius</i>), Sea catfishes nei (<i>Ariidae</i>), Smoothmouth sea catfish (<i>Arius heudelotii</i>), Threadfins/tasselfishes nei (<i>Polynemidae</i>)	Boat seines, (Midwater), Gillnets and entangling nets (not specified), (Bottom), Hooks and lines (not specified), (Bottom), Seine nets (not specified), (Midwater)	UNKNOWN	EEZ,Senegal,(FAO:34 Atlantic Eastern Central)	Atlantic harbor porpoise (UNKNOWN) Atlantic humpback dolphin (UNKNOWN) Common bottlenose dolphin (UNKNOWN) Common minke whale (UNKNOWN) Long-beaked Common Dolphin (UNKNOWN) Pygmy sperm whale (UNKNOWN)	Atlantic harbor porpoise (UNKNOWN): UNKNOWN Atlantic humpback dolphin (UNKNOWN): UNKNOWN Common bottlenose dolphin (UNKNOWN): UNKNOWN Common minke whale (UNKNOWN): UNKNOWN Long-beaked Common Dolphin (UNKNOWN): UNKNOWN Pygmy sperm whale (UNKNOWN): UNKNOWN	CECAF,C OMHAFA T,SRFC
Bonga shad (<i>Ethmalosa fimbriata</i>)	Boat seines, (Surface), Seine nets (not specified), (Surface), Surrounding nets without purse lines, (Surface)	UNKNOWN	EEZ,Senegal,(FAO:34 Atlantic Eastern Central)	Atlantic harbor porpoise (UNKNOWN) Atlantic humpback dolphin (UNKNOWN) Common bottlenose dolphin (UNKNOWN) Common minke whale (UNKNOWN) Long-beaked Common Dolphin (UNKNOWN) Pygmy sperm whale (UNKNOWN) West African manatee, African manatee (UNKNOWN) otter unspecified (UNKNOWN)	Atlantic harbor porpoise (UNKNOWN): UNKNOWN Atlantic humpback dolphin (UNKNOWN): UNKNOWN Common bottlenose dolphin (UNKNOWN): UNKNOWN Common minke whale (UNKNOWN): UNKNOWN Long-beaked Common Dolphin (UNKNOWN): UNKNOWN Pygmy sperm whale (UNKNOWN): UNKNOWN West African manatee, African manatee (UNKNOWN): UNKNOWN otter unspecified (UNKNOWN): UNKNOWN	CECAF,C OMHAFA T,SRFC
Madeiran sardinella (<i>Sardinella maderensis</i>), Round sardinella (<i>Sardinella aurita</i>)	Encircling gillnets, (Surface), Seine nets (not specified), (Surface), Surrounding nets (not specified), (Surface), Surrounding nets without purse lines, (Surface)	UNKNOWN	EEZ,Senegal,(FAO:34 Atlantic Eastern Central)	Atlantic harbor porpoise (UNKNOWN) Atlantic humpback dolphin (UNKNOWN) Common bottlenose dolphin (UNKNOWN) Common minke whale (UNKNOWN) Long-beaked Common Dolphin (UNKNOWN) Pygmy sperm whale (UNKNOWN) West African manatee, African manatee (UNKNOWN) otter unspecified (UNKNOWN)	Atlantic harbor porpoise (UNKNOWN): UNKNOWN Atlantic humpback dolphin (UNKNOWN): UNKNOWN Common bottlenose dolphin (UNKNOWN): UNKNOWN Common minke whale (UNKNOWN): UNKNOWN Long-beaked Common Dolphin (UNKNOWN): UNKNOWN Pygmy sperm whale (UNKNOWN): UNKNOWN West African manatee, African manatee (UNKNOWN): UNKNOWN otter unspecified (UNKNOWN): UNKNOWN	CECAF,C OMHAFA T,SRFC
Barracudas nei (<i>Sphyaena</i> spp), Barracudas/etc. nei (<i>Sphyaenidae</i>), Great barracuda (<i>Sphyaena barracuda</i>), Guinean barracuda (<i>Sphyaena afra</i>)	Drift gillnets, (Midwater)	UNKNOWN	EEZ,Senegal,(FAO:34 Atlantic Eastern Central)	Atlantic harbor porpoise (UNKNOWN) Atlantic humpback dolphin (UNKNOWN) Common bottlenose dolphin (UNKNOWN) Common minke whale (UNKNOWN) Long-beaked Common Dolphin (UNKNOWN) Pygmy sperm whale (UNKNOWN) West African manatee, African manatee (UNKNOWN) otter unspecified (UNKNOWN)	Atlantic harbor porpoise (UNKNOWN): UNKNOWN Atlantic humpback dolphin (UNKNOWN): UNKNOWN Common bottlenose dolphin (UNKNOWN): UNKNOWN Common minke whale (UNKNOWN): UNKNOWN Long-beaked Common Dolphin (UNKNOWN): UNKNOWN Pygmy sperm whale (UNKNOWN): UNKNOWN West African manatee, African manatee (UNKNOWN): UNKNOWN otter unspecified (UNKNOWN): UNKNOWN	CECAF,C OMHAFA T,SRFC
Bobo croaker (<i>Pseudotolithus elongatus</i>), Cassava croaker (<i>Pseudotolithus senegalensis</i>), Croakers/drums nei (<i>Sciaenidae</i>), Elephant's snout volute (<i>Cymbium glans</i>), Law croaker (<i>Pseudotolithus senegallus</i>), Longneck croaker (<i>Pseudotolithus typus</i>), Neptune's volute (<i>Cymbium pepo</i>), Pig's snout volute (<i>Cymbium cymbium</i>), Volutes nei (<i>Cymbium</i> spp), Volutes nei (<i>Cymbium</i> spp), West African croakers nei (<i>Pseudotolithus</i> spp)	Bottom trawls (not specified), (Bottom), Gillnets and entangling nets (not specified), (Demersal), Set gillnets/set nets (anchored), (Bottom)	UNKNOWN	EEZ,Senegal,(FAO:34 Atlantic Eastern Central)	Atlantic harbor porpoise (UNKNOWN) Atlantic humpback dolphin (UNKNOWN) Common bottlenose dolphin (UNKNOWN) Common minke whale (UNKNOWN) Long-beaked Common Dolphin (UNKNOWN) Pygmy sperm whale (UNKNOWN) West African manatee, African manatee (UNKNOWN) otter unspecified (UNKNOWN)	Atlantic harbor porpoise (UNKNOWN): UNKNOWN Atlantic humpback dolphin (UNKNOWN): UNKNOWN Common bottlenose dolphin (UNKNOWN): UNKNOWN Common minke whale (UNKNOWN): UNKNOWN Long-beaked Common Dolphin (UNKNOWN): UNKNOWN Pygmy sperm whale (UNKNOWN): UNKNOWN West African manatee, African manatee (UNKNOWN): UNKNOWN otter unspecified (UNKNOWN): UNKNOWN	CECAF,C OMHAFA T,SRFC

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Atlantic redfishes nei (Sebastes spp), Groundfishes nei (Osteichthyes)	Bottom trawls (not specified), (Bottom), Trawls (not specified), (Bottom), Unknown/Gear not known/Not provided, (Bottom)	UNKNOWN	EEZ,(FAO:34 Atlantic Eastern Central),Atlantic Eastern Central, FAO Area 34, Mauritanian waters, Guinea Bissau waters, Guinean waters	Atlantic humpback dolphin (UNKNOWN) Common bottlenose dolphin (UNKNOWN) Common minke whale (UNKNOWN) Long-beaked Common Dolphin (UNKNOWN) Pygmy sperm whale (UNKNOWN)	Atlantic humpback dolphin (UNKNOWN): UNKNOWN Common bottlenose dolphin (UNKNOWN): UNKNOWN Common minke whale (UNKNOWN): UNKNOWN Long-beaked Common Dolphin (UNKNOWN): UNKNOWN Pygmy sperm whale (UNKNOWN): UNKNOWN	CECAF,C OMHAFA T,SRFC
African brown snapper (Lutjanus dentatus), African forktail snapper (Apsilus fuscus), African red snapper (Lutjanus agennes), Axillary seabream (Pagellus acarne), Bluespotted seabream (Pagrus caeruleostictus), Dane seabream (Porcostoma dentata), Dungat grouper (Epinephelus goreensis), Dusky grouper (Epinephelus marginatus), Golden African snapper (Lutjanus fulgens), Gorean snapper (Lutjanus goreensis), Groupers nei (Epinephelus spp), Groupers/seabasses nei (Serranidae), Porgies/seabreams nei (Sparidae), Senegal seabream (Diplodus bellottii), Snappers/jobfishes nei (Lutjanidae), White grouper (Epinephelus aeneus), White seabream (Diplodus sargus), Zebra seabream (Diplodus cervinus)	Bottom trawls (not specified), (Bottom), Gillnets and entangling nets (not specified), (Bottom), Set gillnets/set nets (anchored), (Demersal)	UNKNOWN	EEZ,Senegal,(FAO:34 Atlantic Eastern Central)	Atlantic harbor porpoise (UNKNOWN) Atlantic humpback dolphin (UNKNOWN) Common bottlenose dolphin (UNKNOWN) Common minke whale (UNKNOWN) Long-beaked Common Dolphin (UNKNOWN) Pygmy sperm whale (UNKNOWN) West African manatee, African manatee (UNKNOWN) otter unspecified (UNKNOWN)	Atlantic harbor porpoise (UNKNOWN): UNKNOWN Atlantic humpback dolphin (UNKNOWN): UNKNOWN Common bottlenose dolphin (UNKNOWN): UNKNOWN Common minke whale (UNKNOWN): UNKNOWN Long-beaked Common Dolphin (UNKNOWN): UNKNOWN Pygmy sperm whale (UNKNOWN): UNKNOWN West African manatee, African manatee (UNKNOWN): UNKNOWN otter unspecified (UNKNOWN): UNKNOWN	CECAF,C OMHAFA T,SRFC
Cephalopods nei (Cephalopoda), Common cuttlefish (Sepia officinalis), Elegant cuttlefish (Sepia elegans), Octopuses/etc. nei (Octopodidae), Ommastrephidae squids nei (Ommastrephidae)	Trawls (not specified), (Bottom), trap nets/stationary nets, (Benthic)	UNKNOWN	EEZ,Senegal,(FAO:34 Atlantic Eastern Central)	Atlantic humpback dolphin (UNKNOWN) Common bottlenose dolphin (UNKNOWN) Common minke whale (UNKNOWN) Long-beaked Common Dolphin (UNKNOWN) Pygmy sperm whale (UNKNOWN) West African manatee, African manatee (UNKNOWN)	Atlantic humpback dolphin (UNKNOWN): UNKNOWN Common bottlenose dolphin (UNKNOWN): UNKNOWN Common minke whale (UNKNOWN): UNKNOWN Long-beaked Common Dolphin (UNKNOWN): UNKNOWN Pygmy sperm whale (UNKNOWN): UNKNOWN West African manatee, African manatee (UNKNOWN): UNKNOWN	CECAF,C OMHAFA T,SRFC
Arius spp (Arius spp), Barracudas nei (Sphyraena spp), Barracudas/etc. nei (Sphyraenidae), Common sole (Solea solea), Giant tiger prawn (Penaeus monodon), Guinean sea catfish (Arius parkii), Guinean sole (Synaptura cadenati), Lesser African threadfin (Galeoides decadactylus), Penaeus shrimps nei (Penaeus spp), Royal threadfin (Pentanemus quinquarius), Senegalese tonguesole (Cynoglossus senegalensis), Southern pink shrimp (Penaeus notialis), Tonguesole nei (Cynoglossus spp)	Beam trawls, (Bottom), Drift gillnets, (Surface), Fixed gillnets (on stakes), (Benthic), Stow nets, (Bottom), shrimp/prawn trawl, (Benthic)	UNKNOWN	EEZ,Senegal,(FAO:34 Atlantic Eastern Central)	Atlantic harbor porpoise (UNKNOWN) Atlantic humpback dolphin (UNKNOWN) Common bottlenose dolphin (UNKNOWN) Common minke whale (UNKNOWN) Long-beaked Common Dolphin (UNKNOWN) Pygmy sperm whale (UNKNOWN) West African manatee, African manatee (UNKNOWN) otter unspecified (UNKNOWN)	Atlantic harbor porpoise (UNKNOWN): UNKNOWN Atlantic humpback dolphin (UNKNOWN): UNKNOWN Common bottlenose dolphin (UNKNOWN): UNKNOWN Common minke whale (UNKNOWN): UNKNOWN Long-beaked Common Dolphin (UNKNOWN): UNKNOWN Pygmy sperm whale (UNKNOWN): UNKNOWN West African manatee, African manatee (UNKNOWN): UNKNOWN otter unspecified (UNKNOWN): UNKNOWN	CECAF,C OMHAFA T,SRFC
Angolan dentex (Dentex angolensis), Bastard grunt (Pomadasys incisus), Bigeye grunt (Brachydeuterus auritus), Canary dentex (Dentex canariensis), Congo dentex (Dentex congolensis), Dentex nei (Dentex spp), Large-eye dentex (Dentex macrophthalmus), Parrot grunt (Pomadasys perotaei), Pignout grunt (Pomadasys rogerii), Rubberlip grunt (Plectorhinchus mediterraneus), Sompat grunt (Pomadasys jubelini)	Gillnets and entangling nets (not specified), (Demersal), Purse seines, (Midwater), Purse seines, (Surface), shrimp/prawn trawl, (Demersal)	UNKNOWN	EEZ,Senegal,(FAO:34 Atlantic Eastern Central)	Atlantic harbor porpoise (UNKNOWN) Atlantic humpback dolphin (UNKNOWN) Common bottlenose dolphin (UNKNOWN) Common minke whale (UNKNOWN) Long-beaked Common Dolphin (UNKNOWN) Pygmy sperm whale (UNKNOWN) West African manatee, African manatee (UNKNOWN) otter unspecified (UNKNOWN)	Atlantic harbor porpoise (UNKNOWN): UNKNOWN Atlantic humpback dolphin (UNKNOWN): UNKNOWN Common bottlenose dolphin (UNKNOWN): UNKNOWN Common minke whale (UNKNOWN): UNKNOWN Long-beaked Common Dolphin (UNKNOWN): UNKNOWN Pygmy sperm whale (UNKNOWN): UNKNOWN West African manatee, African manatee (UNKNOWN): UNKNOWN otter unspecified (UNKNOWN): UNKNOWN	CECAF,C OMHAFA T,SRFC

Tokelau

Export Fisheries						
Albacore (Thunnus alalunga), Bigeye tuna (Thunnus obesus), Skipjack tuna (Katsuwonus pelamis), Yellowfin tuna (Thunnus albacares)	Longlines (not specified), (Surface), Purse seines, (Pelagic)	Number of Vessels: 47, Licenses: -, Participants: -, Aquaculture Facilities: 0	EEZ,(FAO:71 Pacific Western Central)	Blainville's beaked whale (UNKNOWN) Ginkgo-toothed beaked whale (UNKNOWN) Pygmy killer whale (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Spinner dolphin (UNKNOWN)	Blainville's beaked whale (UNKNOWN): UNKNOWN Ginkgo-toothed beaked whale (UNKNOWN): UNKNOWN Pygmy killer whale (UNKNOWN): UNKNOWN Sperm whale, cachalot (UNKNOWN): UNKNOWN Spinner dolphin (UNKNOWN): UNKNOWN	FFA,SPC, WCPFC

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Tonga						
Exempt Fisheries						
Carangids nei (Carangidae), Comet grouper (Epinephelus morrhua), Convict grouper (Epinephelus septemfasciatus), Deep-water red snapper (Etelis carbunculus), Deepwater longtail red snapper (Etelis coruscans), Green jobfish (Aprion virescens), Rusty jobfish (Aphareus rutilans), Snappers nei (Lutjanus spp)	Dropline, (Pelagic)	Number of Vessels: 32, Licenses: 32, Participants: 5, Aquaculture Facilities: none provided	EEZ,(FAO:71 Pacific Western Central),Tonga EEZ	Humpback whale (STOCK NOT SPECIFIED) Spinner dolphin (STOCK NOT SPECIFIED)	Humpback whale (STOCK NOT SPECIFIED): NOT PROVIDED Spinner dolphin (STOCK NOT SPECIFIED): NOT PROVIDED	FFA
Hard corals/madrepores nei (Scleractinia), Marine shells nei (Ex Mollusca)	Diving (SCUBA and/or free-diving), (Pelagic)	UNKNOWN				
Export Fisheries						
Bigeye tuna (Thunnus obesus), Dolphinfinches nei (Coryphaenidae), Swordfish (Xiphias gladius), Tunas nei (Thunnini), Yellowfin tuna (Thunnus albacares)	Longlines (not specified), (Pelagic)	Number of Vessels: 32, Licenses: 32, Participants: 5-8, Aquaculture Facilities: none provided	EEZ,(FAO:71 Pacific Western Central),Tonga EEZ	Humpback whale (STOCK NOT SPECIFIED) Spinner dolphin (STOCK NOT SPECIFIED)	Humpback whale (STOCK NOT SPECIFIED): UNKNOWN Spinner dolphin (STOCK NOT SPECIFIED): UNKNOWN	FFA
Trinidad and Tobago						
Exempt Fisheries						
Groupers nei (Epinephelus spp), Lane snapper (Lutjanus synagris), Southern red snapper (Lutjanus purpureus), Tropical spiny lobsters nei (Panulirus spp), Vermilion snapper (Rhomboplites aurorubens)	Diving (spearfishing), (Demersal)	Number of Vessels: 600, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:31 Atlantic Western Central),Territorial Sea - waters around Tobago.			
Atlantic redfishes nei (Sebastes spp), Croakers nei (Micropogonias spp), Groupers nei (Epinephelus spp), Lane snapper (Lutjanus synagris), Pompano (Trachinotus ovatus), Salmonids nei (Salmonidae), Vermilion snapper (Rhomboplites aurorubens)	Fish pots/fish traps	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Territorial Sea--All around Trinidad, in particular Northeast, Southeast, and East Coasts of Trinidad and Moruga.			
Atlantic redfishes nei (Sebastes spp), Croakers nei (Micropogonias spp), Groupers nei (Epinephelus spp), Lane snapper (Lutjanus synagris), Pompano (Trachinotus ovatus), Salmonids nei (Salmonidae), Vermilion snapper (Rhomboplites aurorubens)	Fish pots/fish traps	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Territorial Sea--Northeast; Southeast; East Coasts of Trinidad and Moruga.			
Common dolphinfinch (Coryphaena hippurus), King mackerel (Scomberomorus cavalla), Serra Spanish mackerel (Scomberomorus brasiliensis)	Hooks and lines (not specified), (Pelagic)	Number of Vessels: 15, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:31 Atlantic Western Central),Territorial Sea - Trinidad and EEZ	Common bottlenose dolphin (FAO Area 31) Porpoise unspecified (FAO Area 31)	Common bottlenose dolphin (FAO Area 31): 0 Porpoise unspecified (FAO Area 31): 0	
Export Fisheries						
Albacore (Thunnus alalunga), Bonitos nei (Sarda spp), Dolphinfinches nei (Coryphaenidae), Flyingfishes nei (Exocoetidae), Groupers nei (Epinephelus spp), Lane snapper (Lutjanus synagris), Skipjack tuna (Katsuwonus pelamis), Southern red snapper (Lutjanus purpureus), Vermilion snapper (Rhomboplites aurorubens), Wahoo (Acanthocybium solandri), Yellowfin tuna (Thunnus albacares)	Beach seines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Territorial Sea--Tobago.			

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Albacore (Thunnus alalunga), Bonitos nei (Sarda spp), Dolphinfishes nei (Coryphaenidae), Flyingfishes nei (Exocoetidae), Groupers nei (Epinephelus spp), Lane snapper (Lutjanus synagris), Skipjack tuna (Katsuwonus pelamis), Southern red snapper (Lutjanus purpureus), Vermilion snapper (Rhomboplites aurorubens), Wahoo (Acanthocybium solandri), Yellowfin tuna (Thunnus albacares)	Longlines (not specified), (Demersal)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Territorial Sea--Tobago.			
Croakers nei (Micropogonias spp), Groundfishes nei (Osteichthyes), Snappers nei (Lutjanus spp), Weakfishes nei(=corvina/curvina) (Cynoscion spp), marine shrimps nei	single and/or double rig trawl, (Demersal)	Number of Vessels: 36, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:31 Atlantic Western Central),Territorial Sea: Gulf of Paria, South and North Coasts of Trinidad			
Croakers nei (Micropogonias spp), Groundfishes nei (Osteichthyes), Snappers nei (Lutjanus spp), Weakfishes nei(=corvina/curvina) (Cynoscion spp), marine shrimps nei	Trawls (not specified), (Demersal)	Number of Vessels: 102, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:31 Atlantic Western Central),Territorial Sea: Gulf of Paria			
Albacore (Thunnus alalunga), Bonitos nei (Sarda spp), Dolphinfishes nei (Coryphaenidae), Flyingfishes nei (Exocoetidae), Groupers nei (Epinephelus spp), Lane snapper (Lutjanus synagris), Skipjack tuna (Katsuwonus pelamis), Southern red snapper (Lutjanus purpureus), Vermilion snapper (Rhomboplites aurorubens), Wahoo (Acanthocybium solandri), Yellowfin tuna (Thunnus albacares)	Drifting longlines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Territorial Sea--Tobago.			
Albacore (Thunnus alalunga), Bonitos nei (Sarda spp), Dolphinfishes nei (Coryphaenidae), Flyingfishes nei (Exocoetidae), Groupers nei (Epinephelus spp), Lane snapper (Lutjanus synagris), Skipjack tuna (Katsuwonus pelamis), Southern red snapper (Lutjanus purpureus), Vermilion snapper (Rhomboplites aurorubens), Wahoo (Acanthocybium solandri), Yellowfin tuna (Thunnus albacares)	Gillnets and entangling nets (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Territorial Sea--Tobago.			

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
<p>Arius spp (Arius spp), Atlantic Spanish mackerel (Scomberomorus maculatus), Atlantic bigeye (Priacanthus arenatus), Atlantic bigeye (Priacanthus arenatus), Atlantic bonito (Sarda sarda), Atlantic flyingfish (Cheilopogon melanurus), Atlantic spadefish (Chaetodipterus faber), Banjo catfish (Aspredo aspredo), Barred grunt (Conodon nobilis), Bigeye scad (Selar crumenophthalmus), Black margate (Anisotremus surinamensis), Blackfin tuna (Thunnus atlanticus), Blacktip shark (Carcharhinus limbatus), Bluefish (Pomatomus saltatrix), Bonefish (Albula vulpes), Bonnethead (Sphyrna tiburo), Brazilian groupers nei (Mycteroperca spp), Brazilian sharpnose shark (Rhizoprionodon lalandii), Bullet tuna (Auxis rochei), Burro grunt (Pomadasys crocro), Carcharhinus sharks nei (Carcharhinus spp), Caribbean moonfish (Selene browni), Caribbean sharpnose shark (Rhizoprionodon porosus), Cobia (Rachycentron canadum), Coco sea catfish (Bagre bagre), Combers nei (Serranus spp), Common dolphinfish (Coryphaena hippurus), Corocoro grunt (Orthopristis ruber), Cottonmouth jack (Uraspis secunda), Diapterus spp (Diapterus spp), Eucinostomus spp (Eucinostomus spp), Fourwing flyingfish (Hirundichthys affinis), Frigate tuna (Auxis thazard), Gafftopsail sea catfish (Bagre marinus), Great barracuda (Sphyraena barracuda), Great pompano (Trachinotus goodei), Groupers nei (Epinephelus spp), Grunts nei (Haemulon spp), Guachanche barracuda (Sphyraena guachancho), Jacks/crevalles nei (Caranx spp), Jobfishes nei (Pristipomoides spp), King mackerel (Scomberomorus cavalla), Largehead hairtail (Trichiurus lepturus), Little tunny(=Atl.black skipj) (Euthynnus alletteratus), Longfin yellowtail (Seriola rivoliana), Mackerel scad (Decapterus macarellus), Margined flyingfish (Cheilopogon cyanopterus), Mayan sea catfish (Ariopsis assimilis), Mugil trichodon (Mugil trichodon), Nurse shark (Ginglymostoma cirratum), Pigfish (Orthopristis chrysoptera), Porkfish (Anisotremus virginicus), Rainbow runner (Elagatis bipinnulata), Red porgy (Pagrus pagrus), Rough scad (Trachurus lathami), Round scad (Decapterus punctatus), Sailfin flyingfish (Parexocoetus brachypterus), Scalloped hammerhead (Sphyrna lewini), Serra Spanish mackerel (Scomberomorus brasiliensis), Sevenbarbed banjo (Aspredinichthys filamentosus), Skipjack tuna (Katsuwonus pelamis), Snappers nei</p>	<p>Hooks and lines (not specified), (Demersal), Trolling lines, (Pelagic)</p>	<p>Number of Vessels: 507, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided</p>	<p>EEZ,(FAO:31 Atlantic Western Central),Territorial Sea - Trinidad</p>	<p>Porpoise unspecified (FAO Area 31)</p>	<p>Porpoise unspecified (FAO Area 31): 0</p>	
<p>Arius spp (Arius spp), Atlantic Spanish mackerel (Scomberomorus maculatus), Atlantic bonito (Sarda sarda), Atlantic bonito (Sarda sarda), Atlantic bumper (Chloroscombrus chrysurus), Atlantic spadefish (Chaetodipterus faber), Banjo catfish (Aspredo aspredo), Barracudas nei (Sphyraena spp), Barred grunt (Conodon nobilis), Black margate (Anisotremus surinamensis), Bluefish (Pomatomus saltatrix), Bluntnose jack (Hemicaranx amblyrhynchus), Bonefish (Albula vulpes), Burro grunt (Pomadasys crocro), Carcharhinus sharks nei (Carcharhinus spp), Caribbean moonfish (Selene browni), Coco sea catfish (Bagre bagre), Common dolphinfish (Coryphaena hippurus), Corocoro grunt (Orthopristis ruber), Crevalle jack (Caranx hippos), Diapterus spp (Diapterus spp), Eucinostomus spp (Eucinostomus spp), Frigate and bullet tunas (Auxis thazard, A. rochei), Gafftopsail sea catfish (Bagre marinus), Grunts nei (Haemulon spp), Hammerhead sharks nei (Sphyrna spp), Jobfishes nei (Pristipomoides spp), King mackerel (Scomberomorus cavalla), Largehead hairtail (Trichiurus lepturus), Leatherjacket (Oligoplites saurus), Little tunny(=Atl.black skipj) (Euthynnus alletteratus), Mayan sea catfish (Ariopsis assimilis), Mugil spp (Mugil spp), Pigfish (Orthopristis chrysoptera), Red porgy (Pagrus pagrus), Serra Spanish mackerel (Scomberomorus brasiliensis), Sevenbarbed banjo (Aspredinichthys filamentosus), Sharpnose sharks nei (Rhizoprionodon spp), Skipjack tuna (Katsuwonus pelamis), Snappers nei (Lutjanus spp), Snooks(=Robalos) nei (Centropomus spp), Tarpon (Megalops atlanticus), Torroto grunt (Genyatremus luteus), Torroto grunt (Genyatremus luteus), Vermilion snapper (Rhomboplites aurorubens), Weakfishes nei(=corvina/curvina) (Cynoscion spp), Whitemouth croaker (Micropogonias furnieri), Yellow fin mojarra (Gerres cinereus)</p>	<p>Gillnets and entangling nets (not specified), (Pelagic)</p>	<p>Number of Vessels: 869, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided</p>	<p>EEZ,(FAO:31 Atlantic Western Central),Territorial Sea -Trinidad</p>	<p>Common bottlenose dolphin (FAO Area 31) Porpoise unspecified (FAO Area 31)</p>	<p>Common bottlenose dolphin (FAO Area 31): 0 Porpoise unspecified (FAO Area 31): 0</p>	
<p>Albacore (Thunnus alalunga), Bonitos nei (Sarda spp), Dolphinfishes nei (Coryphaenidae), Flyingfishes nei (Exocoetidae), Skipjack tuna (Katsuwonus pelamis), Wahoo (Acanthocybium solandri), Yellowfin tuna (Thunnus albacares)</p>	<p>Trolling lines, (Pelagic)</p>	<p>Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided</p>	<p>Territorial Sea--Tobago.</p>			

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Albacore (Thunnus alalunga), Bonitos nei (Sarda spp), Dolphinfishes nei (Coryphaenidae), Flyingfishes nei (Exocoetidae), Giant trevally (Caranx ignobilis), Piranhas nei (Serrasalmus spp), Skipjack tuna (Katsuwonus pelamis), Wahoo (Acanthocybium solandri), Yellowfin tuna (Thunnus albacares)	Gillnets and entangling nets (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Territorial Sea--Tobago.			
Albacore (Thunnus alalunga), Atlantic sailfish (Istiophorus albicans), Atlantic white marlin (Tetrapturus albidus), Bigeye thresher (Alopias superciliosus), Bigeye tuna (Thunnus obesus), Blackfin tuna (Thunnus atlanticus), Blacktip shark (Carcharhinus limbatus), Blue marlin (Makaira nigricans), Blue shark (Prionace glauca), Common dolphinfish (Coryphaena hippurus), Hammerhead sharks nei (Sphyrna spp), Longbill spearfish (Tetrapturus pfluegeri), Longfin mako (Isurus paucus), Nurse shark (Ginglymostoma cirratum), Shortfin mako (Isurus oxyrinchus), Skipjack tuna (Katsuwonus pelamis), Swordfish (Xiphias gladius), Thresher (Alopias vulpinus), Tiger shark (Galeocerdo cuvier), Wahoo (Acanthocybium solandri), Yellowfin tuna (Thunnus albacares)	Longlines (not specified), (Pelagic)	Number of Vessels: 38, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	High Seas,EEZ,(FAO:31 Atlantic Western Central),Western Tropical Atlantic Ocean	Common bottlenose dolphin (FAO Area 31) Porpoise unspecified (FAO Area 31)	Common bottlenose dolphin (FAO Area 31): 0 Porpoise unspecified (FAO Area 31): 0	ICCAT
Arius spp (Arius spp), Atlantic bonito (Sarda sarda), Atlantic bumper (Chloroscombrus chrysurus), Atlantic seabob (Xiphopenaeus kroyeri), Atlantic spadefish (Chaetodipterus faber), Atlantic thread herring (Opisthonema oglinum), Banjo catfish (Aspredo aspredo), Barracudas nei (Sphyrna spp), Bigeye scad (Selar crumenophthalmus), Black margate (Anisotremus surinamensis), Bluefish (Pomatomus saltatrix), Bullnose eagle ray (Myliobatis freminvillei), Carangid moonfishes nei (Selene spp), Caribbean moonfish (Selene browni), Coco sea catfish (Bagre bagre), Cottonmouth jack (Uraspis secunda), Dwarf round herring (Jenkinsia lamprotaenia), Florida round herring (Jenkinsia stolifera), Gafftopsail sea catfish (Bagre marinus), Great pompano (Trachinotus goodei), Guiana longfin herring (Odontognathus mucronatus), Jacks/crevalles nei (Caranx spp), Jobfishes nei (Pristipomoides spp), King mackerel (Scomberomorus cavalla), Largehead hairtail (Trichiurus lepturus), Little tunny(=Atl.black skipj) (Euthynnus alletteratus), Longfin yellowtail (Seriola rivoliana), Madamango sea catfish (Cathorops spixii), Mayan sea catfish (Ariopsis assimilis), Mugil spp (Mugil spp), Pompanos nei (Trachinotus spp), Porkfish (Anisotremus virginicus), Red-eye round herring (Etrumeus teres), Redspotted shrimp (Penaeus brasiliensis), Rough scad (Trachurus lathami), Sardinellas nei (Sardinella spp), Scads nei (Decapterus spp), Scaled sardines (Harengula spp), Serra Spanish mackerel (Scomberomorus brasiliensis), Sevenbarbed banjo (Aspredinichthys filamentosus), Skipjack tuna (Katsuwonus pelamis), Snappers nei (Lutjanus spp), Snooks(=Robalos) nei (Centropomus spp), Southern brown shrimp (Penaeus subtilis), Southern pink shrimp (Penaeus notialis), Southern white shrimp (Penaeus schmitti), Stingrays nei (Dasyatis spp), Tarpon (Megalops atlanticus), Vermilion snapper (Rhomboplites aurorubens), Weakfishes nei(=corvina/curvina) (Cynoscion spp), Whitemouth croaker (Micropogonias furnieri)	Beach seines, (Bottom), Seine nets (not specified), (Surface)	Number of Vessels: 29, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:31 Atlantic Western Central),Territorial Sea - Trinidad	Porpoise unspecified (FAO Area 31)	Porpoise unspecified (FAO Area 31): 0	

Tristan da Cunha

Export Fisheries						
Tristan da Cunha rock lobster (Jasus tristani)	Hoop net (staked trap net), (Bottom), Pots/traps, (Bottom)	Number of Vessels: 17, Licenses: 1, Participants: 65 plus 32, Aquaculture Facilities: 0	EEZ,(FAO:47 Atlantic Southeast),0-12 miles inshore of all islands territorial waters	Dusky dolphin (STOCK NOT SPECIFIED) Fin whale (STOCK NOT SPECIFIED) Humpback whale (STOCK NOT SPECIFIED) Killer whale, orca (STOCK NOT SPECIFIED) Leopard seal (STOCK NOT SPECIFIED) Long-beaked Common Dolphin (STOCK NOT SPECIFIED) Long-finned pilot whale (STOCK NOT SPECIFIED) Shepherd's beaked whale, Tasman beaked whale (STOCK NOT SPECIFIED) Southern elephant seal (STOCK NOT SPECIFIED) Southern right whale (STOCK NOT SPECIFIED) Sperm whale, cachalot (STOCK NOT SPECIFIED) Subantarctic fur seal (STOCK NOT SPECIFIED)	Dusky dolphin (STOCK NOT SPECIFIED): 0 Fin whale (STOCK NOT SPECIFIED): 0 Humpback whale (STOCK NOT SPECIFIED): 0 Killer whale, orca (STOCK NOT SPECIFIED): 0 Leopard seal (STOCK NOT SPECIFIED): 0 Long-beaked Common Dolphin (STOCK NOT SPECIFIED): 0 Long-finned pilot whale (STOCK NOT SPECIFIED): 0 Shepherd's beaked whale, Tasman beaked whale (STOCK NOT SPECIFIED): 0 Southern elephant seal (STOCK NOT SPECIFIED): 0 Southern right whale (STOCK NOT SPECIFIED): 0 Sperm whale, cachalot (STOCK NOT SPECIFIED): 0 Subantarctic fur seal (STOCK NOT SPECIFIED): 0	

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Exempt Fisheries						
Porgies/seabreams nei (Sparidae), Seabasses nei (Dicentrarchus spp)	Aquaculture (not specified), (Pelagic)	Number of Vessels: 100, Licenses: 25, Participants: 3000, Aquaculture Facilities: 25	EEZ,(FAO:37 Mediterranean and Black Sea),Governorate of Sousse, Monastir, Mahdia, Nabeul and Medenine			
Swordfish (Xiphias gladius)	Pole and Lines, (Pelagic)	Number of Vessels: 801, Licenses: 801, Participants: 2400, Aquaculture Facilities: 0	High Seas,(FAO:37 Mediterranean and Black Sea),Mediterranean Sea			ICCAT
Sponges (Spongiidae)	Diving (SCUBA and/or free-diving), (Bottom)	Number of Vessels: 7, Licenses: 7, Participants: 21, Aquaculture Facilities: 0	EEZ,(FAO:37 Mediterranean and Black Sea),37.2.1,Tunisia EEZ			GFCM
Marine molluscs nei (Mollusca)	Hand collection, (Bottom)	Number of Vessels: 0, Licenses: 4000, Participants: 4000, Aquaculture Facilities: 0	EEZ,(FAO:37 Mediterranean and Black Sea),Tunisia EEZ			
Export Fisheries						
Herrings/sardines nei (Clupeidae)	Purse seines, (Pelagic)	Number of Vessels: <385, Licenses: <385, Participants: <5501, Aquaculture Facilities: 0	EEZ,(FAO:37 Mediterranean and Black Sea),Tunisia EEZ, Mediterranean Sea			
Albacore (Thunnus alalunga), Atlantic bluefin tuna (Thunnus thynnus), Bigeye tuna (Thunnus obesus), Yellowfin tuna (Thunnus albacares)	Purse seines, (Pelagic)	Number of Vessels: 44, Licenses: 44, Participants: 660, Aquaculture Facilities: 6	High Seas,(FAO:37 Mediterranean and Black Sea),Mediterranean Sea			GFCM,ICCAT
Mackerels nei (Scombridae)	Purse seines, (Pelagic)	Number of Vessels: 385, Licenses: 385, Participants: 14, Aquaculture Facilities: 0	EEZ,(FAO:37 Mediterranean and Black Sea),Tunisia EEZ			
Lobsters nei (Reptantia)	Trammel nets, (Bottom)	Number of Vessels: >80, Licenses: >80, Participants: >240, Aquaculture Facilities: none provided	High Seas,EEZ,(FAO:37 Mediterranean and Black Sea)			
marine shrimps nei	Trawls (not specified), (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	None Provided			
Atlantic bluefin tuna (Thunnus thynnus)	Purse seines, (Pelagic)	Number of Vessels: 44, Licenses: 44, Participants: 660, Aquaculture Facilities: 6	High Seas,(FAO:37 Mediterranean and Black Sea),37.1.3, 37.2.2			ICCAT

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Octopuses nei (Octopus spp)	Pots/traps	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ			
marine shrimps nei	Gillnets and entangling nets (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	None Provided			

Turkey

Exempt Fisheries						
Bonitos nei (Sarda spp)	Handlines and hand-operated pole-and-lines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Marmara Sea			ICCAT
Marine molluscs nei (Mollusca), Sea mussels nei (Mytilidae), Sea snails (Rapana spp)	Dredges (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Western Black Sea			
Marine molluscs nei (Mollusca)	Aquaculture (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Western Black Sea			
Atlantic bluefin tuna (Thunnus thynnus), Tunas nei (Thunnini)	Aquaculture (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Mediterranean Sea			ICCAT
Sponges (Spongiidae)	Diving (SCUBA and/or free-diving)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	coastal EEZ			
Bonitos nei (Sarda spp)	Handlines and hand-operated pole-and-lines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Black Sea			ICCAT

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO ICCAT
Swordfish (<i>Xiphias gladius</i>)	Harpoons	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Mediterranean Sea			
Seaweeds nei (Algae)	Aquaculture (lines)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	coastal EEZ			
Hard corals/madrepores nei (Scleractinia)	Hand collection	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	coastal EEZ			
Sea cucumbers nei (Holothuroidea)	Diving (SCUBA and/or free-diving)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	coastal EEZ			

Export Fisheries

Common dab (<i>Limanda limanda</i>), Croakers nei (<i>Micropogonias</i> spp), Cuttlefishes nei (<i>Sepia</i> spp), Drums nei (<i>Umbrina</i> spp), Flatfishes nei (<i>Pleuronectiformes</i>), Mulletts nei (<i>Mugilidae</i>), Octopuses nei (<i>Octopus</i> spp), Snappers nei (<i>Lutjanus</i> spp), Soles nei (<i>Soleidae</i>), Swordfish (<i>Xiphias gladius</i>), Turbot (<i>Psetta maxima</i>), Various squids nei (<i>Loliginidae</i> , <i>Ommastrephidae</i>), Whiting (<i>Merlangius merlangus</i>)	Longlines (not specified), (Bottom)	Number of Vessels: -, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:37 Mediterranean and Black Sea),Aegean Sea	Common bottlenose dolphin (UNKNOWN) Common dolphin, saddleback dolphin (UNKNOWN) Risso's dolphin, grampus (UNKNOWN)	Common bottlenose dolphin (UNKNOWN): UNKNOWN Common dolphin, saddleback dolphin (UNKNOWN): UNKNOWN Risso's dolphin, grampus (UNKNOWN): UNKNOWN	
Common dab (<i>Limanda limanda</i>), Croakers nei (<i>Micropogonias</i> spp), Cuttlefishes nei (<i>Sepia</i> spp), Drums nei (<i>Umbrina</i> spp), Flatfishes nei (<i>Pleuronectiformes</i>), Mulletts nei (<i>Mugilidae</i>), Octopuses nei (<i>Octopus</i> spp), Snappers nei (<i>Lutjanus</i> spp), Soles nei (<i>Soleidae</i>), Turbot (<i>Psetta maxima</i>), Various squids nei (<i>Loliginidae</i> , <i>Ommastrephidae</i>), Whiting (<i>Merlangius merlangus</i>)	Pots/traps, (Bottom)	Number of Vessels: -, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:37 Mediterranean and Black Sea),Aegean Sea	Common bottlenose dolphin (UNKNOWN) Common dolphin, saddleback dolphin (UNKNOWN) Long-finned pilot whale (UNKNOWN)	Common bottlenose dolphin (UNKNOWN): UNKNOWN Common dolphin, saddleback dolphin (UNKNOWN): UNKNOWN Long-finned pilot whale (UNKNOWN): UNKNOWN	
Common dab (<i>Limanda limanda</i>), Croakers nei (<i>Micropogonias</i> spp), Cuttlefishes nei (<i>Sepia</i> spp), Drums nei (<i>Umbrina</i> spp), Flatfishes nei (<i>Pleuronectiformes</i>), Mulletts nei (<i>Mugilidae</i>), Octopuses nei (<i>Octopus</i> spp), Snappers nei (<i>Lutjanus</i> spp), Soles nei (<i>Soleidae</i>), Turbot (<i>Psetta maxima</i>), Various squids nei (<i>Loliginidae</i> , <i>Ommastrephidae</i>), Whiting (<i>Merlangius merlangus</i>)	Trawls (not specified), (Bottom)	Number of Vessels: -, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:37 Mediterranean and Black Sea),Black Sea	Common bottlenose dolphin (UNKNOWN) Harbor porpoise (UNKNOWN) Risso's dolphin, grampus (UNKNOWN)	Common bottlenose dolphin (UNKNOWN): UNKNOWN Harbor porpoise (UNKNOWN): UNKNOWN Risso's dolphin, grampus (UNKNOWN): UNKNOWN	
Common dab (<i>Limanda limanda</i>), Croakers nei (<i>Micropogonias</i> spp), Cuttlefishes nei (<i>Sepia</i> spp), Drums nei (<i>Umbrina</i> spp), Flatfishes nei (<i>Pleuronectiformes</i>), Mulletts nei (<i>Mugilidae</i>), Octopuses nei (<i>Octopus</i> spp), Snappers nei (<i>Lutjanus</i> spp), Soles nei (<i>Soleidae</i>), Various squids nei (<i>Loliginidae</i> , <i>Ommastrephidae</i>), Whiting (<i>Merlangius merlangus</i>)	Trawls (not specified), (Bottom)	Number of Vessels: -, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:37 Mediterranean and Black Sea),Sea of Marmara	Common bottlenose dolphin (UNKNOWN) Common dolphin, saddleback dolphin (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) False killer whale (UNKNOWN) Fin whale (UNKNOWN) Long-finned pilot whale (UNKNOWN) Mediterranean monk seal (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Striped dolphin (UNKNOWN)	Common bottlenose dolphin (UNKNOWN): UNKNOWN Common dolphin, saddleback dolphin (UNKNOWN): UNKNOWN Cuvier's beaked whale, goose-beaked whale (UNKNOWN): UNKNOWN False killer whale (UNKNOWN): UNKNOWN Fin whale (UNKNOWN): UNKNOWN Long-finned pilot whale (UNKNOWN): UNKNOWN Mediterranean monk seal (UNKNOWN): UNKNOWN Risso's dolphin, grampus (UNKNOWN): UNKNOWN Sperm whale, cachalot (UNKNOWN): UNKNOWN Striped dolphin (UNKNOWN): UNKNOWN	

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Common dab (<i>Limanda limanda</i>), Croakers nei (<i>Micropogonias</i> spp), Cuttlefishes nei (<i>Sepia</i> spp), Drums nei (<i>Umbrina</i> spp), Flatfishes nei (<i>Pleuronectiformes</i>), Mulletts nei (<i>Mugilidae</i>), Octopuses nei (<i>Octopus</i> spp), Snappers nei (<i>Lutjanus</i> spp), Soles nei (<i>Soleidae</i>), Various squids nei (<i>Loliginidae</i> , <i>Ommastrephidae</i>), Whiting (<i>Merlangius merlangus</i>)	Trawls (not specified), (Bottom)	Number of Vessels: -, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:37 Mediterranean and Black Sea),Mediterranean Sea	Common bottlenose dolphin (UNKNOWN) Common dolphin, saddleback dolphin (UNKNOWN) Mediterranean monk seal (UNKNOWN)	Common bottlenose dolphin (UNKNOWN): UNKNOWN Common dolphin, saddleback dolphin (UNKNOWN): UNKNOWN Mediterranean monk seal (UNKNOWN): UNKNOWN	
Common dab (<i>Limanda limanda</i>), Croakers nei (<i>Micropogonias</i> spp), Cuttlefishes nei (<i>Sepia</i> spp), Drums nei (<i>Umbrina</i> spp), Flatfishes nei (<i>Pleuronectiformes</i>), Mulletts nei (<i>Mugilidae</i>), Octopuses nei (<i>Octopus</i> spp), Snappers nei (<i>Lutjanus</i> spp), Soles nei (<i>Soleidae</i>), Various squids nei (<i>Loliginidae</i> , <i>Ommastrephidae</i>), Whiting (<i>Merlangius merlangus</i>)	Trawls (not specified), (Bottom)	Number of Vessels: -, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:37 Mediterranean and Black Sea),Aegean Sea	Common bottlenose dolphin (UNKNOWN) Common dolphin, saddleback dolphin (UNKNOWN) Cuvier's beaked whale, goose-beaked whale (UNKNOWN) False killer whale (UNKNOWN) Fin whale (UNKNOWN) Long-finned pilot whale (UNKNOWN) Mediterranean monk seal (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Sperm whale, cachalot (UNKNOWN) Striped dolphin (UNKNOWN)	Common bottlenose dolphin (UNKNOWN): UNKNOWN Common dolphin, saddleback dolphin (UNKNOWN): UNKNOWN Cuvier's beaked whale, goose-beaked whale (UNKNOWN): UNKNOWN False killer whale (UNKNOWN): UNKNOWN Fin whale (UNKNOWN): UNKNOWN Long-finned pilot whale (UNKNOWN): UNKNOWN Mediterranean monk seal (UNKNOWN): UNKNOWN Risso's dolphin, grampus (UNKNOWN): UNKNOWN Sperm whale, cachalot (UNKNOWN): UNKNOWN Striped dolphin (UNKNOWN): UNKNOWN	
Common dab (<i>Limanda limanda</i>), Croakers nei (<i>Micropogonias</i> spp), Cuttlefishes nei (<i>Sepia</i> spp), Drums nei (<i>Umbrina</i> spp), Flatfishes nei (<i>Pleuronectiformes</i>), Mulletts nei (<i>Mugilidae</i>), Octopuses nei (<i>Octopus</i> spp), Snappers nei (<i>Lutjanus</i> spp), Soles nei (<i>Soleidae</i>), Turbot (<i>Psetta maxima</i>), Various squids nei (<i>Loliginidae</i> , <i>Ommastrephidae</i>), Whiting (<i>Merlangius merlangus</i>)	Gillnets and entangling nets (not specified), (Bottom)	Number of Vessels: -, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:37 Mediterranean and Black Sea),Black Sea	Common bottlenose dolphin (UNKNOWN) Common dolphin, saddleback dolphin (UNKNOWN) Harbor porpoise (UNKNOWN)	Common bottlenose dolphin (UNKNOWN): UNKNOWN Common dolphin, saddleback dolphin (UNKNOWN): UNKNOWN Harbor porpoise (UNKNOWN): UNKNOWN	
Marine crabs nei (<i>Brachyura</i>)	Diving (not specified), (Bottom), Pots/traps, (Bottom)	Number of Vessels: -, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:37 Mediterranean and Black Sea),coastal EEZ			
Common dab (<i>Limanda limanda</i>), Croakers nei (<i>Micropogonias</i> spp), Cuttlefishes nei (<i>Sepia</i> spp), Drums nei (<i>Umbrina</i> spp), Flatfishes nei (<i>Pleuronectiformes</i>), Mulletts nei (<i>Mugilidae</i>), Octopuses nei (<i>Octopus</i> spp), Snappers nei (<i>Lutjanus</i> spp), Soles nei (<i>Soleidae</i>), Various squids nei (<i>Loliginidae</i> , <i>Ommastrephidae</i>), Whiting (<i>Merlangius merlangus</i>)	Trammel nets, (Bottom)	Number of Vessels: -, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:37 Mediterranean and Black Sea),Aegean Sea	Common bottlenose dolphin (UNKNOWN) Common dolphin, saddleback dolphin (UNKNOWN)	Common bottlenose dolphin (UNKNOWN): UNKNOWN Common dolphin, saddleback dolphin (UNKNOWN): UNKNOWN	
Common dab (<i>Limanda limanda</i>), Croakers nei (<i>Micropogonias</i> spp), Cuttlefishes nei (<i>Sepia</i> spp), Drums nei (<i>Umbrina</i> spp), Flatfishes nei (<i>Pleuronectiformes</i>), Mulletts nei (<i>Mugilidae</i>), Octopuses nei (<i>Octopus</i> spp), Snappers nei (<i>Lutjanus</i> spp), Soles nei (<i>Soleidae</i>), Turbot (<i>Psetta maxima</i>), Various squids nei (<i>Loliginidae</i> , <i>Ommastrephidae</i>), Whiting (<i>Merlangius merlangus</i>)	Gillnets and entangling nets (not specified), (Bottom)	Number of Vessels: -, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:37 Mediterranean and Black Sea),Aegean Sea	Common bottlenose dolphin (UNKNOWN) Common dolphin, saddleback dolphin (UNKNOWN) Cuvier's beaked whale, goose-beaked whale (UNKNOWN)	Common bottlenose dolphin (UNKNOWN): UNKNOWN Common dolphin, saddleback dolphin (UNKNOWN): UNKNOWN Cuvier's beaked whale, goose-beaked whale (UNKNOWN): UNKNOWN	
Common dab (<i>Limanda limanda</i>), Croakers nei (<i>Micropogonias</i> spp), Cuttlefishes nei (<i>Sepia</i> spp), Drums nei (<i>Umbrina</i> spp), Flatfishes nei (<i>Pleuronectiformes</i>), Mulletts nei (<i>Mugilidae</i>), Octopuses nei (<i>Octopus</i> spp), Snappers nei (<i>Lutjanus</i> spp), Soles nei (<i>Soleidae</i>), Turbot (<i>Psetta maxima</i>), Various squids nei (<i>Loliginidae</i> , <i>Ommastrephidae</i>), Whiting (<i>Merlangius merlangus</i>)	Pots/traps, (Bottom)	Number of Vessels: -, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:37 Mediterranean and Black Sea),Mediterranean Sea	Common bottlenose dolphin (UNKNOWN) Common dolphin, saddleback dolphin (UNKNOWN) Mediterranean monk seal (UNKNOWN)	Common bottlenose dolphin (UNKNOWN): UNKNOWN Common dolphin, saddleback dolphin (UNKNOWN): UNKNOWN Mediterranean monk seal (UNKNOWN): UNKNOWN	
Common dab (<i>Limanda limanda</i>), Croakers nei (<i>Micropogonias</i> spp), Cuttlefishes nei (<i>Sepia</i> spp), Drums nei (<i>Umbrina</i> spp), Flatfishes nei (<i>Pleuronectiformes</i>), Mulletts nei (<i>Mugilidae</i>), Octopuses nei (<i>Octopus</i> spp), Snappers nei (<i>Lutjanus</i> spp), Soles nei (<i>Soleidae</i>), Swordfish (<i>Xiphias gladius</i>), Various squids nei (<i>Loliginidae</i> , <i>Ommastrephidae</i>), Whiting (<i>Merlangius merlangus</i>)	Longlines (not specified), (Bottom)	Number of Vessels: -, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:37 Mediterranean and Black Sea),Mediterranean Sea	Common bottlenose dolphin (UNKNOWN) Common dolphin, saddleback dolphin (UNKNOWN)	Common bottlenose dolphin (UNKNOWN): UNKNOWN Common dolphin, saddleback dolphin (UNKNOWN): UNKNOWN	

Target Species or Product	Gear Type	Number of Vessels/ Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Common dab (<i>Limanda limanda</i>), Croakers nei (<i>Micropogonias</i> spp), Cuttlefishes nei (<i>Sepia</i> spp), Drums nei (<i>Umbrina</i> spp), Flatfishes nei (<i>Pleuronectiformes</i>), Mulletts nei (<i>Mugilidae</i>), Octopuses nei (<i>Octopus</i> spp), Snappers nei (<i>Lutjanus</i> spp), Soles nei (<i>Soleidae</i>), Various squids nei (<i>Loliginidae</i> , <i>Ommastrephidae</i>), Whiting (<i>Merlangius merlangus</i>)	Trammel nets, (Bottom)	Number of Vessels: -, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:37 Mediterranean and Black Sea),Mediterranean Sea	Common bottlenose dolphin (UNKNOWN) Common dolphin, saddleback dolphin (UNKNOWN)	Common bottlenose dolphin (UNKNOWN): UNKNOWN Common dolphin, saddleback dolphin (UNKNOWN): UNKNOWN	
Common dab (<i>Limanda limanda</i>), Croakers nei (<i>Micropogonias</i> spp), Cuttlefishes nei (<i>Sepia</i> spp), Drums nei (<i>Umbrina</i> spp), Flatfishes nei (<i>Pleuronectiformes</i>), Mulletts nei (<i>Mugilidae</i>), Octopuses nei (<i>Octopus</i> spp), Snappers nei (<i>Lutjanus</i> spp), Soles nei (<i>Soleidae</i>), Turbot (<i>Psetta maxima</i>), Various squids nei (<i>Loliginidae</i> , <i>Ommastrephidae</i>), Whiting (<i>Merlangius merlangus</i>)	Gillnets and entangling nets (not specified), (Bottom)	Number of Vessels: -, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:37 Mediterranean and Black Sea),Mediterranean Sea	Common bottlenose dolphin (UNKNOWN) Common dolphin, saddleback dolphin (UNKNOWN) Long-finned pilot whale (UNKNOWN)	Common bottlenose dolphin (UNKNOWN): UNKNOWN Common dolphin, saddleback dolphin (UNKNOWN): UNKNOWN Long-finned pilot whale (UNKNOWN): UNKNOWN	
Common dab (<i>Limanda limanda</i>), Croakers nei (<i>Micropogonias</i> spp), Cuttlefishes nei (<i>Sepia</i> spp), Drums nei (<i>Umbrina</i> spp), Flatfishes nei (<i>Pleuronectiformes</i>), Mulletts nei (<i>Mugilidae</i>), Octopuses nei (<i>Octopus</i> spp), Snappers nei (<i>Lutjanus</i> spp), Soles nei (<i>Soleidae</i>), Various squids nei (<i>Loliginidae</i> , <i>Ommastrephidae</i>), Whiting (<i>Merlangius merlangus</i>)	Pots/traps, (Bottom)	Number of Vessels: -, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:37 Mediterranean and Black Sea),Sea of Marmara	Common bottlenose dolphin (UNKNOWN) Common dolphin, saddleback dolphin (UNKNOWN)	Common bottlenose dolphin (UNKNOWN): UNKNOWN Common dolphin, saddleback dolphin (UNKNOWN): UNKNOWN	
Common dab (<i>Limanda limanda</i>), Croakers nei (<i>Micropogonias</i> spp), Cuttlefishes nei (<i>Sepia</i> spp), Drums nei (<i>Umbrina</i> spp), Flatfishes nei (<i>Pleuronectiformes</i>), Mulletts nei (<i>Mugilidae</i>), Octopuses nei (<i>Octopus</i> spp), Snappers nei (<i>Lutjanus</i> spp), Soles nei (<i>Soleidae</i>), Swordfish (<i>Xiphias gladius</i>), Various squids nei (<i>Loliginidae</i> , <i>Ommastrephidae</i>), Whiting (<i>Merlangius merlangus</i>)	Longlines (not specified), (Bottom)	Number of Vessels: -, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:37 Mediterranean and Black Sea),Sea of Marmara	Common bottlenose dolphin (UNKNOWN) Common dolphin, saddleback dolphin (UNKNOWN) Risso's dolphin, grampus (UNKNOWN)	Common bottlenose dolphin (UNKNOWN): UNKNOWN Common dolphin, saddleback dolphin (UNKNOWN): UNKNOWN Risso's dolphin, grampus (UNKNOWN): UNKNOWN	
Common dab (<i>Limanda limanda</i>), Croakers nei (<i>Micropogonias</i> spp), Cuttlefishes nei (<i>Sepia</i> spp), Drums nei (<i>Umbrina</i> spp), Flatfishes nei (<i>Pleuronectiformes</i>), Mulletts nei (<i>Mugilidae</i>), Octopuses nei (<i>Octopus</i> spp), Snappers nei (<i>Lutjanus</i> spp), Soles nei (<i>Soleidae</i>), Various squids nei (<i>Loliginidae</i> , <i>Ommastrephidae</i>), Whiting (<i>Merlangius merlangus</i>)	Trammel nets, (Bottom)	Number of Vessels: -, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:37 Mediterranean and Black Sea),Sea of Marmara	Common bottlenose dolphin (UNKNOWN) Common dolphin, saddleback dolphin (UNKNOWN) Cuvier's beaked whale, goose-beaked whale (UNKNOWN) False killer whale (UNKNOWN) Fin whale (UNKNOWN) Harbor porpoise (UNKNOWN) Long-finned pilot whale (UNKNOWN) Mediterranean monk seal (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Sperm whale, cachalot (UNKNOWN)	Common bottlenose dolphin (UNKNOWN): UNKNOWN Common dolphin, saddleback dolphin (UNKNOWN): UNKNOWN Cuvier's beaked whale, goose-beaked whale (UNKNOWN): UNKNOWN False killer whale (UNKNOWN): UNKNOWN Fin whale (UNKNOWN): UNKNOWN Harbor porpoise (UNKNOWN): UNKNOWN Long-finned pilot whale (UNKNOWN): UNKNOWN Mediterranean monk seal (UNKNOWN): UNKNOWN Risso's dolphin, grampus (UNKNOWN): UNKNOWN Sperm whale, cachalot (UNKNOWN): UNKNOWN	
Common dab (<i>Limanda limanda</i>), Croakers nei (<i>Micropogonias</i> spp), Cuttlefishes nei (<i>Sepia</i> spp), Drums nei (<i>Umbrina</i> spp), Flatfishes nei (<i>Pleuronectiformes</i>), Mulletts nei (<i>Mugilidae</i>), Octopuses nei (<i>Octopus</i> spp), Snappers nei (<i>Lutjanus</i> spp), Soles nei (<i>Soleidae</i>), Various squids nei (<i>Loliginidae</i> , <i>Ommastrephidae</i>), Whiting (<i>Merlangius merlangus</i>)	Gillnets and entangling nets (not specified), (Bottom)	Number of Vessels: -, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:37 Mediterranean and Black Sea),Sea of Marmara	Common bottlenose dolphin (UNKNOWN) Common dolphin, saddleback dolphin (UNKNOWN)	Common bottlenose dolphin (UNKNOWN): UNKNOWN Common dolphin, saddleback dolphin (UNKNOWN): UNKNOWN	
Common dab (<i>Limanda limanda</i>), Croakers nei (<i>Micropogonias</i> spp), Cuttlefishes nei (<i>Sepia</i> spp), Drums nei (<i>Umbrina</i> spp), Flatfishes nei (<i>Pleuronectiformes</i>), Mulletts nei (<i>Mugilidae</i>), Octopuses nei (<i>Octopus</i> spp), Snappers nei (<i>Lutjanus</i> spp), Soles nei (<i>Soleidae</i>), Various squids nei (<i>Loliginidae</i> , <i>Ommastrephidae</i>), Whiting (<i>Merlangius merlangus</i>)	Pots/traps, (Bottom)	Number of Vessels: -, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:37 Mediterranean and Black Sea),Black Sea	Common bottlenose dolphin (UNKNOWN) Harbor porpoise (UNKNOWN)	Common bottlenose dolphin (UNKNOWN): UNKNOWN Harbor porpoise (UNKNOWN): UNKNOWN	
Common dab (<i>Limanda limanda</i>), Croakers nei (<i>Micropogonias</i> spp), Cuttlefishes nei (<i>Sepia</i> spp), Drums nei (<i>Umbrina</i> spp), Flatfishes nei (<i>Pleuronectiformes</i>), Mulletts nei (<i>Mugilidae</i>), Octopuses nei (<i>Octopus</i> spp), Snappers nei (<i>Lutjanus</i> spp), Soles nei (<i>Soleidae</i>), Swordfish (<i>Xiphias gladius</i>), Turbot (<i>Psetta maxima</i>), Various squids nei (<i>Loliginidae</i> , <i>Ommastrephidae</i>), Whiting (<i>Merlangius merlangus</i>)	Gillnets and entangling nets (not specified), (Bottom)	Number of Vessels: 8000, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:37 Mediterranean and Black Sea),Black Sea	Common bottlenose dolphin (UNKNOWN) Harbor porpoise (UNKNOWN)	Common bottlenose dolphin (UNKNOWN): UNKNOWN Harbor porpoise (UNKNOWN): UNKNOWN	
Common dab (<i>Limanda limanda</i>), Croakers nei (<i>Micropogonias</i> spp), Cuttlefishes nei (<i>Sepia</i> spp), Drums nei (<i>Umbrina</i> spp), Flatfishes nei (<i>Pleuronectiformes</i>), Mulletts nei (<i>Mugilidae</i>), Octopuses nei (<i>Octopus</i> spp), Snappers nei (<i>Lutjanus</i> spp), Soles nei (<i>Soleidae</i>), Various squids nei (<i>Loliginidae</i> , <i>Ommastrephidae</i>), Whiting (<i>Merlangius merlangus</i>)	Trammel nets, (Bottom)	Number of Vessels: -, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:37 Mediterranean and Black Sea),Black Sea	Common dolphin, saddleback dolphin (UNKNOWN) Harbor porpoise (UNKNOWN)	Common dolphin, saddleback dolphin (UNKNOWN): UNKNOWN Harbor porpoise (UNKNOWN): UNKNOWN	

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
European lobster (<i>Homarus gammarus</i>), Rock lobsters nei (<i>Jasus</i> spp)	Trammel nets, (Benthic)	Number of Vessels: -, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:37 Mediterranean and Black Sea),Aegean Sea, possibly other regions	Fin whale (UNKNOWN) Mediterranean monk seal (UNKNOWN) Striped dolphin (UNKNOWN)	Fin whale (UNKNOWN): UNKNOWN Mediterranean monk seal (UNKNOWN): UNKNOWN Striped dolphin (UNKNOWN): UNKNOWN	
Seabasses nei (<i>Dicentrarchus</i> spp)	Purse seines, (Pelagic)	Number of Vessels: -, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:37 Mediterranean and Black Sea),Aegean Sea coast	Common bottlenose dolphin (UNKNOWN) Common dolphin, saddleback dolphin (UNKNOWN) Long-finned pilot whale (UNKNOWN) Mediterranean monk seal (UNKNOWN)	Common bottlenose dolphin (UNKNOWN): UNKNOWN Common dolphin, saddleback dolphin (UNKNOWN): UNKNOWN Long-finned pilot whale (UNKNOWN): UNKNOWN Mediterranean monk seal (UNKNOWN): UNKNOWN	
Bonitos nei (<i>Sarda</i> spp)	Longlines (not specified), (Pelagic)	Number of Vessels: -, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:37 Mediterranean and Black Sea)	Common bottlenose dolphin (UNKNOWN) Common dolphin, saddleback dolphin (UNKNOWN) Mediterranean monk seal (UNKNOWN)	Common bottlenose dolphin (UNKNOWN): UNKNOWN Common dolphin, saddleback dolphin (UNKNOWN): UNKNOWN Mediterranean monk seal (UNKNOWN): UNKNOWN	
Bonitos nei (<i>Sarda</i> spp)	Surrounding nets (not specified), (Pelagic)	Number of Vessels: -, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:37 Mediterranean and Black Sea),Marmara Sea	Common bottlenose dolphin (UNKNOWN) Common dolphin, saddleback dolphin (UNKNOWN) Mediterranean monk seal (UNKNOWN)	Common bottlenose dolphin (UNKNOWN): UNKNOWN Common dolphin, saddleback dolphin (UNKNOWN): UNKNOWN Mediterranean monk seal (UNKNOWN): UNKNOWN	
Bonitos nei (<i>Sarda</i> spp)	Surrounding nets (not specified), (Pelagic)	Number of Vessels: -, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:37 Mediterranean and Black Sea),Black Sea	Common bottlenose dolphin (UNKNOWN) Common dolphin, saddleback dolphin (UNKNOWN)	Common bottlenose dolphin (UNKNOWN): UNKNOWN Common dolphin, saddleback dolphin (UNKNOWN): UNKNOWN	
Bonitos nei (<i>Sarda</i> spp)	Gillnets and entangling nets (not specified), (Pelagic)	Number of Vessels: -, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:37 Mediterranean and Black Sea),Marmara Sea	Common bottlenose dolphin (UNKNOWN) Common dolphin, saddleback dolphin (UNKNOWN) Striped dolphin (UNKNOWN)	Common bottlenose dolphin (UNKNOWN): UNKNOWN Common dolphin, saddleback dolphin (UNKNOWN): UNKNOWN Striped dolphin (UNKNOWN): UNKNOWN	
Bonitos nei (<i>Sarda</i> spp)	Gillnets and entangling nets (not specified), (Bottom)	Number of Vessels: -, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:37 Mediterranean and Black Sea),Black Sea	Common bottlenose dolphin (UNKNOWN) Harbor porpoise (UNKNOWN)	Common bottlenose dolphin (UNKNOWN): UNKNOWN Harbor porpoise (UNKNOWN): UNKNOWN	
Anchovies nei (<i>Engraulis</i> spp), Bonitos nei (<i>Sarda</i> spp), Herrings/sardines nei (<i>Clupeidae</i>), Mackerels nei (<i>Scombridae</i>), Smelts nei (<i>Osmerus</i> spp, <i>Hypomesus</i> spp)	Purse seines, (Pelagic)	Number of Vessels: -, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:37 Mediterranean and Black Sea),Mediterranean Sea	Common bottlenose dolphin (UNKNOWN) Striped dolphin (UNKNOWN)	Common bottlenose dolphin (UNKNOWN): UNKNOWN Striped dolphin (UNKNOWN): UNKNOWN	
Anchovies nei (<i>Engraulis</i> spp), Bonitos nei (<i>Sarda</i> spp), Herrings/sardines nei (<i>Clupeidae</i>), Mackerels nei (<i>Scombridae</i>), Smelts nei (<i>Osmerus</i> spp, <i>Hypomesus</i> spp)	Purse seines, (Pelagic)	Number of Vessels: -, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:37 Mediterranean and Black Sea),Sea of Marmara	Common bottlenose dolphin (UNKNOWN) Common dolphin, saddleback dolphin (UNKNOWN)	Common bottlenose dolphin (UNKNOWN): UNKNOWN Common dolphin, saddleback dolphin (UNKNOWN): UNKNOWN	
Anchovies nei (<i>Engraulis</i> spp), Bonitos nei (<i>Sarda</i> spp), Herrings/sardines nei (<i>Clupeidae</i>), Mackerels nei (<i>Scombridae</i>), Smelts nei (<i>Osmerus</i> spp, <i>Hypomesus</i> spp)	Purse seines, (Pelagic)	Number of Vessels: 202, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:37 Mediterranean and Black Sea),Black Sea	Common bottlenose dolphin (UNKNOWN) Harbor porpoise (UNKNOWN) Sperm whale, cachalot (UNKNOWN)	Common bottlenose dolphin (UNKNOWN): UNKNOWN Harbor porpoise (UNKNOWN): UNKNOWN Sperm whale, cachalot (UNKNOWN): UNKNOWN	

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Albacore (Thunnus alalunga), Atlantic bluefin tuna (Thunnus thynnus), Bigeye tuna (Thunnus obesus)	Purse seines, (Pelagic)	Number of Vessels: 110, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:37 Mediterranean and Black Sea),Mediterranean Sea	Common bottlenose dolphin (UNKNOWN) Common dolphin, saddleback dolphin (UNKNOWN) Cuvier's beaked whale, goose-beaked whale (UNKNOWN) False killer whale (UNKNOWN) Fin whale (UNKNOWN) Long-finned pilot whale (UNKNOWN) Mediterranean monk seal (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Sperm whale, cachalot (UNKNOWN)	Common bottlenose dolphin (UNKNOWN): UNKNOWN Common dolphin, saddleback dolphin (UNKNOWN): UNKNOWN Cuvier's beaked whale, goose-beaked whale (UNKNOWN): UNKNOWN False killer whale (UNKNOWN): UNKNOWN Fin whale (UNKNOWN): UNKNOWN Long-finned pilot whale (UNKNOWN): UNKNOWN Mediterranean monk seal (UNKNOWN): UNKNOWN Risso's dolphin, grampus (UNKNOWN): UNKNOWN Sperm whale, cachalot (UNKNOWN): UNKNOWN	ICCAT
Swordfish (Xiphias gladius)	Longlines (not specified), (Pelagic)	Number of Vessels: 217, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:37 Mediterranean and Black Sea),Mediterranean Sea	Common bottlenose dolphin (UNKNOWN) Common dolphin, saddleback dolphin (UNKNOWN) Cuvier's beaked whale, goose-beaked whale (UNKNOWN) False killer whale (UNKNOWN) Fin whale (UNKNOWN) Long-finned pilot whale (UNKNOWN) Mediterranean monk seal (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Sperm whale, cachalot (UNKNOWN)	Common bottlenose dolphin (UNKNOWN): UNKNOWN Common dolphin, saddleback dolphin (UNKNOWN): UNKNOWN Cuvier's beaked whale, goose-beaked whale (UNKNOWN): UNKNOWN False killer whale (UNKNOWN): UNKNOWN Fin whale (UNKNOWN): UNKNOWN Long-finned pilot whale (UNKNOWN): UNKNOWN Mediterranean monk seal (UNKNOWN): UNKNOWN Risso's dolphin, grampus (UNKNOWN): UNKNOWN Sperm whale, cachalot (UNKNOWN): UNKNOWN	ICCAT

Turks and Caicos Islands

Exempt Fisheries						
Marine molluscs nei (Mollusca)	Diving (SCUBA and/or free-diving)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Turks Bank & Caicos Bank			
Conch nei (Strombidae)	Diving (SCUBA and/or free-diving)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Turks Bank & Caicos Bank			
Lobsters nei (Reptantia)	Diving (SCUBA and/or free-diving)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Turks Bank & Caicos Bank			
Lobsters nei (Reptantia)	Diving (SCUBA and/or free-diving), Pots/traps	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Turks Bank & Caicos Bank			
Export Fisheries						
Swordfish (Xiphias gladius), Tunas nei (Thunnini)	Longlines (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Turks and Caicos Islands EEZ			

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Exempt Fisheries						
toothfishes nei (Dissostichus spp)	Other (Please Specify) Spanish line, (Bottom), trot lines, (Bottom)	Number of Vessels: 5, Licenses: 7, Participants: 3, Aquaculture Facilities: none provided	High Seas,(FAO:48 Atlantic Antarctic, FAO:88 Pacific Antarctic),48.1, 48.2, 88.1, 88.2	Antarctic fur seal (STOCK NOT SPECIFIED) Bryde's whale (STOCK NOT SPECIFIED) Common minke whale (STOCK NOT SPECIFIED) Crabeater seal (STOCK NOT SPECIFIED) Dolphin unspecified (2561) Hourglass dolphin (STOCK NOT SPECIFIED) Humpback whale (STOCK NOT SPECIFIED) Killer whale, orca (STOCK NOT SPECIFIED) Leopard seal (STOCK NOT SPECIFIED) Ross seal (STOCK NOT SPECIFIED) Sei whale (STOCK NOT SPECIFIED) Weddell seal (STOCK NOT SPECIFIED)	Antarctic fur seal (STOCK NOT SPECIFIED): NOT PROVIDED Bryde's whale (STOCK NOT SPECIFIED): NOT PROVIDED Common minke whale (STOCK NOT SPECIFIED): NOT PROVIDED Crabeater seal (STOCK NOT SPECIFIED): NOT PROVIDED Dolphin unspecified (2561): NOT PROVIDED Hourglass dolphin (STOCK NOT SPECIFIED): NOT PROVIDED Humpback whale (STOCK NOT SPECIFIED): NOT PROVIDED Killer whale, orca (STOCK NOT SPECIFIED): NOT PROVIDED Leopard seal (STOCK NOT SPECIFIED): NOT PROVIDED Ross seal (STOCK NOT SPECIFIED): NOT PROVIDED Sei whale (STOCK NOT SPECIFIED): NOT PROVIDED Weddell seal (STOCK NOT SPECIFIED): NOT PROVIDED	CCAMLR
Antarctic krill (Euphausia superba)	Otter trawls (not specified), (Midwater)	Number of Vessels: 1, Licenses: 1, Participants: 1, Aquaculture Facilities: none provided	High Seas,(FAO:48 Atlantic Antarctic),48.1, 48.2, 48.3,Antarctic Peninsula Subareas 48.1-4	Antarctic fur seal (STOCK NOT SPECIFIED) Bryde's whale (STOCK NOT SPECIFIED) Common minke whale (STOCK NOT SPECIFIED) Crabeater seal (STOCK NOT SPECIFIED) Dolphin unspecified (2561) Hourglass dolphin (STOCK NOT SPECIFIED) Humpback whale (STOCK NOT SPECIFIED) Killer whale, orca (STOCK NOT SPECIFIED) Leopard seal (STOCK NOT SPECIFIED) Ross seal (STOCK NOT SPECIFIED) Sei whale (STOCK NOT SPECIFIED) Weddell seal (STOCK NOT SPECIFIED)	Antarctic fur seal (STOCK NOT SPECIFIED): NOT PROVIDED Bryde's whale (STOCK NOT SPECIFIED): NOT PROVIDED Common minke whale (STOCK NOT SPECIFIED): NOT PROVIDED Crabeater seal (STOCK NOT SPECIFIED): NOT PROVIDED Dolphin unspecified (2561): NOT PROVIDED Hourglass dolphin (STOCK NOT SPECIFIED): NOT PROVIDED Humpback whale (STOCK NOT SPECIFIED): NOT PROVIDED Killer whale, orca (STOCK NOT SPECIFIED): NOT PROVIDED Leopard seal (STOCK NOT SPECIFIED): NOT PROVIDED Ross seal (STOCK NOT SPECIFIED): NOT PROVIDED Sei whale (STOCK NOT SPECIFIED): NOT PROVIDED Weddell seal (STOCK NOT SPECIFIED): NOT PROVIDED	CCAMLR
Sea mussels nei (Mytilidae)	Aquaculture (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			
Seaweeds nei (Algae)	Aquaculture (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			
Rock lobsters nei (Jasus spp)	Aquaculture (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			
Abalones nei (Haliotis spp)	Aquaculture (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			
Export Fisheries						

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Anchovies nei (Engraulis spp), Herrings/sardines nei (Clupeidae)	Seine nets (not specified), (Midwater), Shore-operated stationary lift nets, (Surface), Trawls (not specified), (Pelagic)	Number of Vessels: 454, Licenses: 211, Participants: 179, Aquaculture Facilities: none provided	EEZ,(FAO:37 Mediterranean and Black Sea),37.4.2, 37.4.3,Black and Azov Seas within the EEZ of Ukraine	Dolphin unspecified (2561)	Dolphin unspecified (2561): UNKNOWN	GFCM
Atlantic halibut (Hippoglossus hippoglossus), Chub (Leuciscus cephalus), Jack and horse mackerels nei (Trachurus spp), Mackerels nei (Scombridae), Porgies/seabreams nei (Sparidae)	Trawls (not specified), (Midwater)	Number of Vessels: 3, Licenses: 3, Participants: 2, Aquaculture Facilities: 0	EEZ,Guinea,Mauritania,Morocco,Senegal,(FAO:34 Atlantic Eastern Central),EEZ of Guinea (Conokry), Mauritania, Morocco, and Senegal			

United Arab Emirates

Exempt Fisheries						
Pearl oysters nei (Pinctada spp)	Hand collection, (Demersal)	UNKNOWN	EEZ,(FAO:51 Indian Ocean Western),Across the country			RECOFI
Albacore (Thunnus alalunga), Tunas nei (Thunnini), Yellowfin tuna (Thunnus albacares)	Hooks and lines (not specified), (Pelagic)	UNKNOWN	EEZ,(FAO:51 Indian Ocean Western),Indian Ocean, East coast			RECOFI
Rock lobsters nei (Jasus spp)	Diving (SCUBA and/or free-diving), (Bottom)	Number of Vessels: 200, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:51 Indian Ocean Western),taken on the East Coast of the country and sold locally			RECOFI
Snappers nei (Lutjanus spp)	Pots/traps, (Demersal)	UNKNOWN	EEZ,(FAO:51 Indian Ocean Western),Across the country			RECOFI
marine shrimps nei	Aquaculture (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Abu Dhabi			
Pacific cupped oyster (Crassostrea gigas)	Aquaculture (not specified), (Pelagic)	UNKNOWN	EEZ,(FAO:51 Indian Ocean Western)			
Gilthead seabream (Sparus aurata), Groupers/seabasses nei (Serranidae), Pacific salmon nei (Oncorhynchus spp)	Aquaculture (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Abu Dhabi + Fujairah			
Herrings/sardines nei (Clupeidae)	Beach seines, (Pelagic)	Number of Vessels: 1000, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:51 Indian Ocean Western),Sharjah, EEZ			RECOFI

Export Fisheries

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Mackerels nei (Scombridae)	Gillnets and entangling nets (not specified), (Pelagic)	UNKNOWN	EEZ,(FAO:51 Indian Ocean Western),EEZ			RECOFI
Orange-spotted grouper (Epinephelus coioides), Painted sweetlips (Diagramma pictum), Snappers nei (Lutjanus spp), Spangled emperor (Lethrinus nebulosus)	Hooks and lines (not specified), (Pelagic), Traps (not specified), (Demersal)	Number of Vessels: 4000, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:51 Indian Ocean Western),none provided			RECOFI
Albacore (Thunnus alalunga), Tunas nei (Thunnini), Yellowfin tuna (Thunnus albacares)	Gillnets and entangling nets (not specified), (Pelagic)	Number of Vessels: 4000, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:51 Indian Ocean Western),Indian Ocean East coast			RECOFI
Groundfishes nei (Osteichthyes), Northern cods nei (Gadus spp), Saithe(=Pollock) (Pollachius virens)	Pots/traps, (Demersal)	UNKNOWN	EEZ,(FAO:51 Indian Ocean Western)			RECOFI
Cuttlefishes nei (Sepia spp), Various squids nei (Loliginidae, Ommastrephidae)	Pots/traps, (Bottom)	Number of Vessels: 4000, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:51 Indian Ocean Western),Across the country			RECOFI
Sharks/rays/skates/etc. nei (Elasmobranchii)	Longlines (not specified), (Demersal)	Number of Vessels: 500, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:51 Indian Ocean Western),Indian Ocean			RECOFI

United Kingdom

Exempt Fisheries						
toothfishes nei (Dissostichus spp)	Longlines (not specified), (Bottom)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Falkland Islands,St. Helena,FAO Area 48.3 and 48.4 South Georgia and South Sandwich Islands Maritime Zone			CCAMLR
Mackerels nei (Scombridae)	Hooks and lines (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic Ocean (FAO area 27)			
toothfishes nei (Dissostichus spp)	Longlines (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Subarea 88.1-2			CCAMLR

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Atlantic cod (<i>Gadus morhua</i>)	Hooks and lines (not specified)	Number of Vessels: 305, Licenses: 305, Participants: 305, Aquaculture Facilities: 0	High Seas,Northeast Atlantic Ocean (FAO area 27)			RFMO
toothfishes nei (<i>Dissostichus</i> spp)	Longlines (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Falkland Islands,Atlantic Southwest, FAO Area, 41.3 Falkland Island Conservation Zone			CCAMLR
Icefishes nei (<i>Salangidae</i>)	Trawls (not specified), (Midwater)	Number of Vessels: 3, Licenses: 3, Participants: 3, Aquaculture Facilities: 0	EEZ,South Georgia & the South Sandwich Islands,(FAO:48 Atlantic Antarctic),Subarea 48.3 (South Georgia Is.)			CCAMLR
Seaweeds nei (<i>Algae</i>)	Hand collection, (Surface)	Number of Vessels: 1, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:27 Atlantic Northeast),none provided			
Great Atlantic scallop (<i>Pecten maximus</i>), Queen scallop (<i>Aequipecten opercularis</i>)	Dredges (not specified), (Benthic)	Number of Vessels: 267, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:27 Atlantic Northeast),Northeast Atlantic Ocean			
Sea mussels nei (<i>Mytilidae</i>)	Dredges (not specified), (Bottom)	Number of Vessels: 6, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:27 Atlantic Northeast),Northeast Atlantic Ocean (FAO area 27)			
Flat and cupped oysters nei (<i>Ostreidae</i>)	Dredges (not specified), (Bottom)	Number of Vessels: 1, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:27 Atlantic Northeast),none provided			
Redfish (<i>Centroberyx affinis</i>)	Dredges (not specified), (Bottom)	Number of Vessels: 25, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:27 Atlantic Northeast),none provided			NEAFC
Export Fisheries						
Mackerels nei (<i>Scombridae</i>)	Trawls (not specified), (Pelagic)	Number of Vessels: 301, Licenses: 301, Participants: 301, Aquaculture Facilities: 0	EEZ,Norway,(FAO:27 Atlantic Northeast),Northeast Atlantic Ocean (FAO area 27)	Common dolphin, saddleback dolphin (European Atlantic) Gray seal (Greater North Sea and Celtic Sea)	Common dolphin, saddleback dolphin (European Atlantic): 0 Gray seal (Greater North Sea and Celtic Sea): 0	NEAFC

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Common shrimp (<i>Crangon crangon</i>), Marine fishes nei (<i>Osteichthyes</i>), Northern prawn (<i>Pandalus borealis</i>), marine shrimps nei	Pots/traps	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic Ocean (FAO area 27)			
Common shrimp (<i>Crangon crangon</i>), Marine fishes nei (<i>Osteichthyes</i>), Northern prawn (<i>Pandalus borealis</i>), marine shrimps nei	Trawls (not specified), (Pelagic)	Number of Vessels: 54, Licenses: 54, Participants: 54, Aquaculture Facilities: 0	EEZ,(FAO:27 Atlantic Northeast),Northeast Atlantic Ocean (FAO area 27)	Common dolphin, saddleback dolphin (European Atlantic)	Common dolphin, saddleback dolphin (European Atlantic): 0	
Atlantic halibut (<i>Hippoglossus hippoglossus</i>), Haddock (<i>Melanogrammus aeglefinus</i>), Righteye flounders nei (<i>Pleuronectidae</i>), Soles nei (<i>Soleidae</i>)	Gillnets and entangling nets (not specified), (Demersal)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:27 Atlantic Northeast),none provided	Common dolphin, saddleback dolphin (European Atlantic) Gray seal (Greater North Sea and Celtic Sea) Harbor porpoise (European Atlantic)	Common dolphin, saddleback dolphin (European Atlantic): 58 Gray seal (Greater North Sea and Celtic Sea): 59 Harbor porpoise (European Atlantic): 476	
Seabasses nei (<i>Dicentrarchus</i> spp)	Bottom pair trawls	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	ICES area 7 (English Channel)	Common dolphin, saddleback dolphin (European Atlantic) Harbor porpoise (European Atlantic)	Common dolphin, saddleback dolphin (European Atlantic): UNKNOWN Harbor porpoise (European Atlantic): UNKNOWN	
Anchovies nei (<i>Engraulis</i> spp), Herrings/sardines nei (<i>Clupeidae</i>)	Gillnets and entangling nets (not specified), (Pelagic)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:27 Atlantic Northeast),Northeast Atlantic Ocean (FAO area 27)			
Demersal fishes nei (<i>Osteichthyes</i>)	Gillnets and entangling nets (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	ICES area 7 (English Channel and Celtic Sea)	Common dolphin, saddleback dolphin (European Atlantic)	Common dolphin, saddleback dolphin (European Atlantic): 103	
Groundfishes nei (<i>Osteichthyes</i>), Herrings/sardines nei (<i>Clupeidae</i>), Jack and horse mackerels nei (<i>Trachurus</i> spp), Mackerels nei (<i>Scombridae</i>), Porgies/seabreams nei (<i>Sparidae</i>), Sardinellas nei (<i>Sardinella</i> spp)	Trawls (not specified), (Pelagic)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Mauritania,FAO Area 34, Mauritania EEZ			
Salmonids nei (<i>Salmonidae</i>)	Aquaculture (cages, net pens), (Midwater), Aquaculture (freshwater), (Midwater)	Number of Vessels: not known, Licenses: 198 farms, Participants: 7 companies, Aquaculture Facilities: 198	EEZ,(FAO:27 Atlantic Northeast),27.4.a, 27.6.a,none provided	Common dolphin, saddleback dolphin (European Atlantic) Gray seal (Greater North Sea and Celtic Sea) Harbor porpoise (European Atlantic) Humpback whale (Northeastern Atlantic) Seal unspecified (UNKNOWN) Sperm whale, cachalot (UNKNOWN) White-beaked dolphin (European Atlantic)	Common dolphin, saddleback dolphin (European Atlantic): 0 Gray seal (Greater North Sea and Celtic Sea): 34 Harbor porpoise (European Atlantic): 0 Humpback whale (Northeastern Atlantic): 0 Seal unspecified (UNKNOWN): 19 Sperm whale, cachalot (UNKNOWN): 0 White-beaked dolphin (European Atlantic): 0	

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Cuttlefishes nei (<i>Sepia</i> spp)	Otter trawls (not specified), (Bottom)	Number of Vessels: 182, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:27 Atlantic Northeast),none provided			
Dogfishes nei (<i>Squalus</i> spp)	Gillnets and entangling nets (not specified), (Midwater)	Number of Vessels: 20, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:27 Atlantic Northeast),none provided	Common dolphin, saddleback dolphin (European Atlantic) Harbor porpoise (European Atlantic)	Common dolphin, saddleback dolphin (European Atlantic): UNKNOWN Harbor porpoise (European Atlantic): UNKNOWN	
Octopuses nei (<i>Octopus</i> spp)	Otter trawls (not specified), (Bottom)	Number of Vessels: 10, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:27 Atlantic Northeast),none provided			
Turbot (<i>Psetta maxima</i>)	Trammel nets, (Demersal)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:27 Atlantic Northeast),Northeast Atlantic Ocean (FAO area 27)	Gray seal (Greater North Sea and Celtic Sea) Harbor porpoise (European Atlantic)	Gray seal (Greater North Sea and Celtic Sea): 512 Harbor porpoise (European Atlantic): 574	
toothfishes nei (<i>Dissostichus</i> spp)	Longlines (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Subarea 48.3-4 (South Georgia Is.)	Seal unspecified (UNKNOWN) Southern elephant seal (UNKNOWN) Sperm whale, cachalot (UNKNOWN)	Seal unspecified (UNKNOWN): UNKNOWN Southern elephant seal (UNKNOWN): UNKNOWN Sperm whale, cachalot (UNKNOWN): UNKNOWN	CCAMLR
Albacore (<i>Thunnus alalunga</i>), Bigeye tuna (<i>Thunnus obesus</i>), Swordfish (<i>Xiphias gladius</i>), Yellowfin tuna (<i>Thunnus albacares</i>)	Longlines (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	IOTC and CCSBT Convention Areas			CCSBT,IO TC
Atlantic cod (<i>Gadus morhua</i>)	Trawls (not specified), (Demersal)	Number of Vessels: 1, Licenses: 1, Participants: 1, Aquaculture Facilities: 0	EEZ,Norway,(FAO:21 Atlantic Northwest),Northwest Atlantic Ocean (FAO area 21)	Common dolphin, saddleback dolphin (European Atlantic)	Common dolphin, saddleback dolphin (European Atlantic): UNKNOWN	
Atlantic cod (<i>Gadus morhua</i>)	Dredges (not specified), (Benthic)	Number of Vessels: 31, Licenses: 31, Participants: 31, Aquaculture Facilities: 0	EEZ,Norway,(FAO:27 Atlantic Northeast),Northeast Atlantic Ocean (FAO area 27)			
Atlantic cod (<i>Gadus morhua</i>)	Gillnets and entangling nets (not specified), (Demersal)	Number of Vessels: 704, Licenses: 704, Participants: 704, Aquaculture Facilities: 0	EEZ,Norway,(FAO:27 Atlantic Northeast),Northeast Atlantic Ocean (FAO area 27)	Common dolphin, saddleback dolphin (European Atlantic) Gray seal (Greater North Sea and Celtic Sea) Harbor porpoise (European Atlantic)	Common dolphin, saddleback dolphin (European Atlantic): UNKNOWN Gray seal (Greater North Sea and Celtic Sea): UNKNOWN Harbor porpoise (European Atlantic): UNKNOWN	

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Atlantic cod (<i>Gadus morhua</i>)	Seine nets (not specified), (Demersal)	Number of Vessels: 23, Licenses: 23, Participants: 23, Aquaculture Facilities: 0	EEZ,Norway,(FAO:27 Atlantic Northeast),Northeast Atlantic Ocean (FAO area 27)			
Atlantic cod (<i>Gadus morhua</i>)	Trawls (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Northeast Atlantic Ocean (FAO area 27)	Common dolphin, saddleback dolphin (European Atlantic)	Common dolphin, saddleback dolphin (European Atlantic): UNKNOWN	
Blue swimming crab (<i>Portunus pelagicus</i>), Edible crab (<i>Cancer pagurus</i>), King crab (<i>Lithodes ferox</i>), King crabs/stone crabs nei (<i>Lithodidae</i>), Marine fishes nei (<i>Osteichthyes</i>), Spinous spider crab (<i>Maja squinado</i>)	Gillnets and entangling nets (not specified), (Benthic)	Number of Vessels: 431, Licenses: 431, Participants: 431, Aquaculture Facilities: 0	EEZ,(FAO:27 Atlantic Northeast),Northeast Atlantic Ocean (FAO area 27)	Gray seal (Greater North Sea and Celtic Sea)	Gray seal (Greater North Sea and Celtic Sea): UNKNOWN	
Blue swimming crab (<i>Portunus pelagicus</i>), Edible crab (<i>Cancer pagurus</i>), King crab (<i>Lithodes ferox</i>), King crabs/stone crabs nei (<i>Lithodidae</i>), Marine crabs nei (<i>Brachyura</i>), Marine fishes nei (<i>Osteichthyes</i>), Spinous spider crab (<i>Maja squinado</i>)	Pots/traps, (Benthic)	Number of Vessels: 1883, Licenses: 1883, Participants: 1883, Aquaculture Facilities: 0	EEZ,(FAO:27 Atlantic Northeast),Northeast Atlantic Ocean (FAO area 27)	Atlantic white-sided dolphin (European Atlantic) Common minke whale (Northeast Atlantic) Fin whale (European Atlantic) Harbor porpoise (European Atlantic) Humpback whale (Northeastern Atlantic) Long-finned pilot whale (European Atlantic) Risso's dolphin, grampus (European Atlantic)	Atlantic white-sided dolphin (European Atlantic): .2 Common minke whale (Northeast Atlantic): 3 Fin whale (European Atlantic): .1 Harbor porpoise (European Atlantic): .4 Humpback whale (Northeastern Atlantic): .1 Long-finned pilot whale (European Atlantic): .1 Risso's dolphin, grampus (European Atlantic): .2	
Herrings/sardines nei (<i>Clupeidae</i>)	Gillnets and entangling nets (not specified), (Pelagic)	Number of Vessels: 286, Licenses: 286, Participants: 286, Aquaculture Facilities: 0	EEZ,Norway,(FAO:27 Atlantic Northeast),Northeast Atlantic Ocean (FAO area 27)	Common dolphin, saddleback dolphin (European Atlantic) Gray seal (Greater North Sea and Celtic Sea) Harbor porpoise (European Atlantic)	Common dolphin, saddleback dolphin (European Atlantic): UNKNOWN Gray seal (Greater North Sea and Celtic Sea): UNKNOWN Harbor porpoise (European Atlantic): UNKNOWN	NEAFC
Herrings/sardines nei (<i>Clupeidae</i>)	Seine nets (not specified), (Pelagic)	Number of Vessels: 4, Licenses: 4, Participants: 4, Aquaculture Facilities: 0	EEZ,Norway,(FAO:27 Atlantic Northeast),Northeast Atlantic Ocean (FAO area 27)			NEAFC
Herrings/sardines nei (<i>Clupeidae</i>)	Surrounding nets (not specified), (Pelagic)	Number of Vessels: 4, Licenses: 4, Participants: 4, Aquaculture Facilities: 0	EEZ,Norway,(FAO:27 Atlantic Northeast),Northeast Atlantic Ocean (FAO area 27)			NEAFC
Herrings/sardines nei (<i>Clupeidae</i>)	Trawls (not specified), (Pelagic)	Number of Vessels: 122, Licenses: 122, Participants: 122, Aquaculture Facilities: 0	EEZ,Norway,(FAO:27 Atlantic Northeast),Northeast Atlantic Ocean (FAO area 27)	Common dolphin, saddleback dolphin (European Atlantic) Gray seal (Greater North Sea and Celtic Sea) Harbor porpoise (European Atlantic) White-beaked dolphin (European Atlantic)	Common dolphin, saddleback dolphin (European Atlantic): 0 Gray seal (Greater North Sea and Celtic Sea): 0 Harbor porpoise (European Atlantic): 0 White-beaked dolphin (European Atlantic): 0	NEAFC
European lobster (<i>Homarus gammarus</i>), Lobsters nei (<i>Reptantia</i>)	Gillnets and entangling nets (not specified), (Benthic)	Number of Vessels: 478, Licenses: 478, Participants: 478, Aquaculture Facilities: 0	EEZ,(FAO:27 Atlantic Northeast),Northeast Atlantic Ocean (FAO area 27)			
European lobster (<i>Homarus gammarus</i>), Lobsters nei (<i>Reptantia</i>)	Pots/traps, (Benthic)	Number of Vessels: 2129, Licenses: 2129, Participants: 2129, Aquaculture Facilities: 0	EEZ,(FAO:27 Atlantic Northeast),Northeast Atlantic Ocean (FAO area 27)	Atlantic white-sided dolphin (European Atlantic) Common minke whale (Northeast Atlantic) Fin whale (European Atlantic) Harbor porpoise (European Atlantic) Humpback whale (Northeastern Atlantic) Long-finned pilot whale (European Atlantic) Risso's dolphin, grampus (European Atlantic) White-beaked dolphin (European Atlantic)	Atlantic white-sided dolphin (European Atlantic): 0 Common minke whale (Northeast Atlantic): 0 Fin whale (European Atlantic): 0 Harbor porpoise (European Atlantic): 0 Humpback whale (Northeastern Atlantic): 0 Long-finned pilot whale (European Atlantic): 0 Risso's dolphin, grampus (European Atlantic): 0 White-beaked dolphin (European Atlantic): 0	

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Norway lobster (<i>Nephrops norvegicus</i>)	Dredges (not specified), (Benthic)	Number of Vessels: 18, Licenses: 18, Participants: 18, Aquaculture Facilities: 0	EEZ,(FAO:27 Atlantic Northeast),Northeast Atlantic Ocean (FAO area 27)			
Norway lobster (<i>Nephrops norvegicus</i>)	Pots/traps, (Benthic)	Number of Vessels: 372, Licenses: 372, Participants: 372, Aquaculture Facilities: 0	EEZ,(FAO:27 Atlantic Northeast),Northeast Atlantic Ocean (FAO area 27)	Common minke whale (Northeast Atlantic)	Common minke whale (Northeast Atlantic): UNKNOWN	
Norway lobster (<i>Nephrops norvegicus</i>)	Trawls (not specified), (Demersal)	Number of Vessels: 603, Licenses: 603, Participants: 603, Aquaculture Facilities: 0	EEZ,(FAO:27 Atlantic Northeast),Northeast Atlantic Ocean (FAO area 27)	Common dolphin, saddleback dolphin (European Atlantic)	Common dolphin, saddleback dolphin (European Atlantic): UNKNOWN	
Mackerels nei (<i>Scombridae</i>)	Dredges (not specified), (Benthic)	Number of Vessels: 11, Licenses: 11, Participants: 11, Aquaculture Facilities: 0	EEZ,Norway,(FAO:27 Atlantic Northeast),Northeast Atlantic Ocean (FAO area 27)			
Mackerels nei (<i>Scombridae</i>)	Gillnets and entangling nets (not specified), (Pelagic)	Number of Vessels: 505, Licenses: 505, Participants: 505, Aquaculture Facilities: 0	EEZ,Norway,(FAO:27 Atlantic Northeast),Northeast Atlantic Ocean (FAO area 27)			NEAFC
Mackerels nei (<i>Scombridae</i>)	Seine nets (not specified), (Pelagic)	Number of Vessels: 9, Licenses: 9, Participants: 9, Aquaculture Facilities: 0	EEZ,Norway,(FAO:27 Atlantic Northeast),Northeast Atlantic Ocean (FAO area 27)			NEAFC
Mackerels nei (<i>Scombridae</i>)	Surrounding nets (not specified), (Pelagic)	Number of Vessels: 7, Licenses: 7, Participants: 7, Aquaculture Facilities: 0	EEZ,Norway,(FAO:27 Atlantic Northeast),Northeast Atlantic Ocean (FAO area 27)			NEAFC

Uruguay

Export Fisheries

Argentinian sandperch (<i>Pseudoperca semifasciata</i>), Blackbelly rosefish (<i>Helicolenus dactylopterus</i>), Groundfishes nei (<i>Osteichthyes</i>), Gulf hake (<i>Urophycis cirrata</i>), Topy shark (<i>Galeorhinus galeus</i>), Various sharks nei (<i>Selachimorpha</i> (<i>Pleurotremata</i>)), Wreckfish (<i>Polyprion americanus</i>)	Set longlines, (Demersal)	Number of Vessels: none provided, Licenses: 0, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:41 Atlantic Southwest),41.2.3,Uruguay n EEZ in the 300 meter isobaths	Dusky dolphin (UNKNOWN) Killer whale, orca (UNKNOWN) Sei whale (UNKNOWN) South American fur seal (Uruguay)	Dusky dolphin (UNKNOWN): 0 Killer whale, orca (UNKNOWN): 0 Sei whale (UNKNOWN): 0 South American fur seal (Uruguay): 0	
Angular angel shark (<i>Squatina guggenheim</i>), Argentine croaker (<i>Umbrina canosai</i>), Bluefish (<i>Pomatomus saltatrix</i>), Brazilian codling (<i>Urophycis brasiliensis</i>), Flatfishes nei (<i>Pleuronectiformes</i>), Groundfishes nei (<i>Osteichthyes</i>), King weakfish (<i>Macrodon ancylodon</i>), Narrownose smooth-hound (<i>Mustelus schmitti</i>), Parona leatherjacket (<i>Parona signata</i>), Sea catfishes nei (<i>Ariidae</i>), Sharks/rays/skates/etc. nei (<i>Elasmobranchii</i>), Stripped weakfish (<i>Cynoscion guatucupa</i>), Whitemouth croaker (<i>Micropogonias furnieri</i>)	Bottom pair trawls, (Bottom)	Number of Vessels: none provided, Licenses: 33, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:41 Atlantic Southwest),41.2.3,Zona Común de Pesca Argentino-Uruguay (ZCPAU). Managed by the Comisión Técnica Mixta del Frente Marítimo (CTMFM), Tratado del Río de la Plata y su Frente Marítimo	Common bottlenose dolphin (UNKNOWN) Franciscana, toninha (FMA III & FMA IV) South American fur seal (Uruguay) South American sea lion (Uruguay) Southern elephant seal (UNKNOWN) Southern right whale (UNKNOWN)	Common bottlenose dolphin (UNKNOWN): 0 Franciscana, toninha (FMA III & FMA IV): 99 South American fur seal (Uruguay): 26 South American sea lion (Uruguay): 77 Southern elephant seal (UNKNOWN): UNKNOWN Southern right whale (UNKNOWN): 0	CTMFM

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Argentine croaker (<i>Umbrina canosai</i>), Argentine hake (<i>Merluccius hubbsi</i>), Argentine seabass (<i>Acanthistius brasiliensis</i>), Argentine shortfin squid (<i>Illex argentinus</i>), Argentinian sandperch (<i>Pseudoperca semifasciata</i>), Blackbelly rosefish (<i>Helicolenus dactylopterus</i>), Castaneta (<i>Cheilodactylus bergii</i>), Common squids nei (<i>Loligo spp</i>), Flatfishes nei (<i>Pleuronectiformes</i>), Groundfishes nei (<i>Osteichthyes</i>), Patagonian grenadier (<i>Macrurus magellanicus</i>), Pink cusk-eel (<i>Genypterus blacodes</i>), Tadpole codling (<i>Salilota australis</i>), Various sharks nei (<i>Selachimorpha (Pleurotremata)</i>), Yellownose skate (<i>Zearaja chilensis</i>)	Single boat bottom otter trawls, (Demersal)	Number of Vessels: none provided, Licenses: 14, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:41 Atlantic Southwest),41.2.3,Zona Común de Pesca Argentino-Uruguay (ZCPAU). Mananged by the Comisión Técnica Mixta del Frente Marítimo (CTMFM), Tratado del Río de la Plata y su Frente Marítimo	Common dolphin, saddleback dolphin (UNKNOWN) Long-finned pilot whale (UNKNOWN) South American fur seal (Uruguay) South American sea lion (Uruguay) Southern right whale (UNKNOWN)	Common dolphin, saddleback dolphin (UNKNOWN): 0 Long-finned pilot whale (UNKNOWN): 0 South American fur seal (Uruguay): 0 South American sea lion (Uruguay): 0 Southern right whale (UNKNOWN): 0	CTMFM
Albacore (<i>Thunnus alalunga</i>), Bigeye tuna (<i>Thunnus obesus</i>), Blue shark (<i>Prionace glauca</i>), Carcharhinus sharks nei (<i>Carcharhinus spp</i>), Common dolphinfish (<i>Coryphaena hippurus</i>), Copper shark (<i>Carcharhinus brachyurus</i>), Dusky shark (<i>Carcharhinus obscurus</i>), Escolar (<i>Lepidocybium flavobrunneum</i>), Night shark (<i>Carcharhinus signatus</i>), Shortfin mako (<i>Isurus oxyrinchus</i>), Swordfish (<i>Xiphias gladius</i>), Yellowfin tuna (<i>Thunnus albacares</i>)	Drifting longlines, (Pelagic)	Number of Vessels: none provided, Licenses: 0, Participants: none provided, Aquaculture Facilities: none provided	High Seas,EEZ,(FAO:41 Atlantic Southwest),41.2.3, 41.2.4, 41.3.1,Southwest Atlantic FAO Area 41	Common dolphin, saddleback dolphin (UNKNOWN) Dolphin unspecified (UNKNOWN) Fur seal unspecified (UNKNOWN) Killer whale, orca (UNKNOWN) Long-finned pilot whale (UNKNOWN) South American fur seal (Uruguay) South American sea lion (Uruguay) Sperm whale, cachalot (UNKNOWN) Subantarctic fur seal (UNKNOWN)	Common dolphin, saddleback dolphin (UNKNOWN): 0 Dolphin unspecified (UNKNOWN): 0 Fur seal unspecified (UNKNOWN): UNKNOWN Killer whale, orca (UNKNOWN): 0 Long-finned pilot whale (UNKNOWN): 0 South American fur seal (Uruguay): 0 South American sea lion (Uruguay): 0 Sperm whale, cachalot (UNKNOWN): 0 Subantarctic fur seal (UNKNOWN): 0	ICCAT
Angular angel shark (<i>Squatina guggenheim</i>), Argentine croaker (<i>Umbrina canosai</i>), Brazilian codling (<i>Urophycis brasiliensis</i>), Croakers nei (<i>Micropogonias spp</i>), Drums nei (<i>Umbrina spp</i>), Groundfishes nei (<i>Osteichthyes</i>), King weakfish (<i>Macrodon ancylodon</i>), Marine fishes nei (<i>Osteichthyes</i>), Mullets nei (<i>Mugilidae</i>), Narrownose smooth-hound (<i>Mustelus schmitti</i>), Parona leatherjacket (<i>Parona signata</i>), Porgies/seabreams nei (<i>Sparidae</i>), Red porgy (<i>Pagrus pagrus</i>), Sea catfishes nei (<i>Ariidae</i>), Stripped weakfish (<i>Cynoscion guatucupa</i>), Various sharks nei (<i>Selachimorpha (Pleurotremata)</i>), Various sharks nei (<i>Selachimorpha (Pleurotremata)</i>), Whitemouth croaker (<i>Micropogonias furnieri</i>)	Set gillnets/set nets (anchored), (Bottom), Set longlines, (Demersal)	Number of Vessels: none provided, Licenses: 332, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:41 Atlantic Southwest),41.2.3,EEZ of Uruguay. Río de la Plata and Atlantic coast. up to 7 nautical miles	Common bottlenose dolphin (UNKNOWN) Franciscana, toninha (FMA III) South American fur seal (Uruguay) South American sea lion (Uruguay) Southern elephant seal (UNKNOWN) Southern right whale (UNKNOWN)	Common bottlenose dolphin (UNKNOWN): 0 Franciscana, toninha (FMA III): 192 South American fur seal (Uruguay): 0 South American sea lion (Uruguay): 0 Southern elephant seal (UNKNOWN): 0 Southern right whale (UNKNOWN): 0	
Bigeye grenadier (<i>Macrourus holotrachys</i>), Patagonian toothfish (<i>Dissostichus eleginoides</i>), Ridge scaled rattail (<i>Macrourus carinatus</i>)	Pots/traps, (Bottom), Set longlines, (Bottom)	Number of Vessels: none provided, Licenses: 4, Participants: none provided, Aquaculture Facilities: none provided	High Seas,EEZ,(FAO:41 Atlantic Southwest),41.2.3, 41.3.1,Zona Común de Pesca Argentino-Uruguay (ZCPAU). Mananged by the Comisión Técnica Mixta del Frente Marítimo (CTMFM), Tratado del Río de la Plata y su Frente Marítimo	Common bottlenose dolphin (UNKNOWN) Common dolphin, saddleback dolphin (UNKNOWN) Dusky dolphin (UNKNOWN) Killer whale, orca (UNKNOWN) Long-finned pilot whale (UNKNOWN) South American fur seal (Uruguay) Sperm whale, cachalot (UNKNOWN)	Common bottlenose dolphin (UNKNOWN): 0 Common dolphin, saddleback dolphin (UNKNOWN): 0 Dusky dolphin (UNKNOWN): 0 Killer whale, orca (UNKNOWN): 0 Long-finned pilot whale (UNKNOWN): 0 South American fur seal (Uruguay): 0 Sperm whale, cachalot (UNKNOWN): 0	
Southwest Atlantic red crab (<i>Chaceon notialis</i>)	Pots/traps, (Benthic)	Number of Vessels: none provided, Licenses: 2, Participants: none provided, Aquaculture Facilities: none provided	EEZ,(FAO:41 Atlantic Southwest),41.2.3,EEZ of Uruguay	Common dolphin, saddleback dolphin (UNKNOWN) Killer whale, orca (UNKNOWN) Long-finned pilot whale (UNKNOWN) South American fur seal (Uruguay) Sperm whale, cachalot (UNKNOWN)	Common dolphin, saddleback dolphin (UNKNOWN): 0 Killer whale, orca (UNKNOWN): 0 Long-finned pilot whale (UNKNOWN): 0 South American fur seal (Uruguay): 0 Sperm whale, cachalot (UNKNOWN): 0	
toothfishes nei (<i>Dissostichus spp</i>)	Set longlines, (Bottom)	Number of Vessels: none provided, Licenses: 2, Participants: none provided, Aquaculture Facilities: none provided	High Seas,(FAO:88 Pacific Antarctic),88.1, 88.2,Subarea 88.1-2	Common minke whale (UNKNOWN) Crabeater seal (UNKNOWN) Killer whale, orca (UNKNOWN)	Common minke whale (UNKNOWN): 0 Crabeater seal (UNKNOWN): 0 Killer whale, orca (UNKNOWN): 0	CCAMLR
toothfishes nei (<i>Dissostichus spp</i>)	Set longlines, (Bottom)	Number of Vessels: none provided, Licenses: 0, Participants: none provided, Aquaculture Facilities: none provided	High Seas,(FAO:58 Antarctic and Southern Indian Ocean),58.4.1,Subarea 58.4.1 (East Antarctica)			CCAMLR

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
toothfishes nei (Dissostichus spp)	Set longlines, (Bottom)	Number of Vessels: none provided, Licenses: 1, Participants: none provided, Aquaculture Facilities: none provided	EEZ, South Georgia & the South Sandwich Islands, (FAO:48 Atlantic Antarctic), 48.3, Subarea 48.3 (South Georgia Is.)	Killer whale, orca (UNKNOWN) Southern elephant seal (UNKNOWN) Sperm whale, cachalot (UNKNOWN)	Killer whale, orca (UNKNOWN): 0 Southern elephant seal (UNKNOWN): .1 Sperm whale, cachalot (UNKNOWN): 0	CCAMLR
toothfishes nei (Dissostichus spp)	Pots/traps, (Bottom)	Number of Vessels: none provided, Licenses: 0, Participants: none provided, Aquaculture Facilities: none provided	EEZ, South Georgia & the South Sandwich Islands, (FAO:48 Atlantic Antarctic), 48.3, Subarea 48.3 (South Georgia Is.)	Killer whale, orca (UNKNOWN) Southern elephant seal (UNKNOWN) Sperm whale, cachalot (UNKNOWN)	Killer whale, orca (UNKNOWN): 0 Southern elephant seal (UNKNOWN): 0 Sperm whale, cachalot (UNKNOWN): 0	CCAMLR

Vanuatu

Exempt Fisheries						
Albacore (Thunnus alalunga), Bigeye tuna (Thunnus obesus), Marlins nei (Makaira spp), Skipjack tuna (Katsuwonus pelamis), Swordfish (Xiphias gladius), Yellowfin tuna (Thunnus albacares)	Purse seines, (Pelagic)	Number of Vessels: 5, Licenses: 5, Participants: none provided, Aquaculture Facilities: none provided	High Seas, EEZ, Papua New Guinea, (FAO:71 Pacific Western Central), Western Central Pacific Ocean	Common bottlenose dolphin (UNKNOWN) Common dolphin, saddleback dolphin (UNKNOWN) Dolphin unspecified (UNKNOWN) False killer whale (UNKNOWN) Risso's dolphin, grampus (UNKNOWN) Rough-toothed dolphin (UNKNOWN)	Common bottlenose dolphin (UNKNOWN): 0 Common dolphin, saddleback dolphin (UNKNOWN): 0 Dolphin unspecified (UNKNOWN): 0 False killer whale (UNKNOWN): 0 Risso's dolphin, grampus (UNKNOWN): 0 Rough-toothed dolphin (UNKNOWN): 1	WCPFC
Albacore (Thunnus alalunga), Bigeye tuna (Thunnus obesus), Marlins nei (Makaira spp), Skipjack tuna (Katsuwonus pelamis), Swordfish (Xiphias gladius), Yellowfin tuna (Thunnus albacares)	Pole and Lines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Western Central Pacific Ocean			SPC, SPR FMO, WC PFC
Clams/etc. nei (Bivalvia)	Aquaculture (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			SPC
Hard corals/madrepores nei (Scleractinia)	Aquaculture (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			
Export Fisheries						
Various squids nei (Loliginidae, Ommastrephidae)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			
Albacore (Thunnus alalunga), Bigeye tuna (Thunnus obesus), Marlins nei (Makaira spp), Skipjack tuna (Katsuwonus pelamis), Swordfish (Xiphias gladius), Yellowfin tuna (Thunnus albacares)	Longlines (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Samoa, South Pacific Ocean			WCPFC

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Albacore (Thunnus alalunga), Bigeye tuna (Thunnus obesus), Marlins nei (Makaira spp), Skipjack tuna (Katsuwonus pelamis), Swordfish (Xiphias gladius), Yellowfin tuna (Thunnus albacares)	Longlines (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	North Pacific Ocean			SPC,WCPFC
Albacore (Thunnus alalunga), Bigeye tuna (Thunnus obesus), Marlins nei (Makaira spp), Skipjack tuna (Katsuwonus pelamis), Swordfish (Xiphias gladius), Yellowfin tuna (Thunnus albacares)	Longlines (not specified), (Pelagic)	Number of Vessels: 61-84, Licenses: 61-84, Participants: none provided, Aquaculture Facilities: none provided	High Seas,EEZ,Cook Islands,Kiribati,Nauru,Palau, Papua New Guinea,Solomon Islands,Tuvalu,(FAO:57 Indian Ocean Eastern, FAO:77 Pacific Eastern Central, FAO:67 Pacific Northeast, FAO:61 Pacific Northwest, FAO:81 Pacific Southwest, FAO:71 Pacific Western Central),Western Central Pacific Ocean	Common bottlenose dolphin (UNKNOWN) Dolphin unspecified (UNKNOWN) False killer whale (UNKNOWN)	Common bottlenose dolphin (UNKNOWN): 0 Dolphin unspecified (UNKNOWN): 0 False killer whale (UNKNOWN): 0	WCPFC
Albacore (Thunnus alalunga), Bigeye tuna (Thunnus obesus), Marlins nei (Makaira spp), Skipjack tuna (Katsuwonus pelamis), Swordfish (Xiphias gladius), Yellowfin tuna (Thunnus albacares)	Longlines (not specified), (Pelagic)	Number of Vessels: 72, Licenses: 72, Participants: none provided, Aquaculture Facilities: 0	High Seas,(FAO:77 Pacific Eastern Central, FAO:67 Pacific Northeast, FAO:87 Pacific Southeast),Eastern Tropical Pacific Ocean, Inter-American Tropical Tuna Convention Area	Dolphin unspecified (UNKNOWN)	Dolphin unspecified (UNKNOWN): 3	IATTC

Venezuela

Exempt Fisheries						
Dolphinfishes nei (Coryphaenidae)	Handlines and hand-operated pole-and-lines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Caribbean Sea			ICCAT
Salmonids nei (Salmonidae)	Aquaculture (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			
Flat and cupped oysters nei (Ostreidae), Marine molluscs nei (Mollusca), Scallops nei (Pectinidae), Sea mussels nei (Mytilidae)	Aquaculture (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
marine shrimps nei	Aquaculture (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			
Common dolphinfish (<i>Coryphaena hippurus</i>), Groupers nei (<i>Epinephelus</i> spp), Mackerels nei (<i>Scombridae</i>), Snappers nei (<i>Lutjanus</i> spp)	Handlines and hand-operated pole-and-lines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Suriname,FAO AREA 31, Suriname EEZ	Guiana dolphin, costero (STOCK NOT SPECIFIED) Whale unspecified (STOCK NOT SPECIFIED)	Guiana dolphin, costero (STOCK NOT SPECIFIED): NOT PROVIDED Whale unspecified (STOCK NOT SPECIFIED): NOT PROVIDED	
Hard corals/madrepores nei (<i>Scleractinia</i>)	Diving (SCUBA and/or free-diving)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			
Export Fisheries						
Dolphinfishes nei (<i>Coryphaenidae</i>)	Longlines (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Caribbean Sea			ICCAT
Jack and horse mackerels nei (<i>Trachurus</i> spp), Mackerels nei (<i>Scombridae</i>), Seabasses nei (<i>Dicentrarchus</i> spp)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			
Rock lobsters nei (<i>Jasus</i> spp)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			
Octopuses nei (<i>Octopus</i> spp)	Unknown/Gear not known/Not provided	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			
Callinectes swimcrabs nei (<i>Callinectes</i> spp), Swimming crabs/etc. nei (<i>Portunidae</i>)	Pots/traps	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Albacore (Thunnus alalunga), Bigeye tuna (Thunnus obesus), Marlins nei (Makaira spp), Skipjack tuna (Katsuwonus pelamis), Swordfish (Xiphias gladius), Yellowfin tuna (Thunnus albacares)	Purse seines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Atlantic Ocean, International Convention for the Conservation of Atlantic Tuna Convention Area			ICCAT
Albacore (Thunnus alalunga), Bigeye tuna (Thunnus obesus), Marlins nei (Makaira spp), Skipjack tuna (Katsuwonus pelamis), Swordfish (Xiphias gladius), Yellowfin tuna (Thunnus albacares)	Longlines (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Atlantic Ocean, International Convention for the Conservation of Atlantic Tuna Convention Area			ICCAT
Albacore (Thunnus alalunga), Bigeye tuna (Thunnus obesus), Marlins nei (Makaira spp), Skipjack tuna (Katsuwonus pelamis), Swordfish (Xiphias gladius), Yellowfin tuna (Thunnus albacares)	Longlines (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Eastern Tropical Pacific			IATTC
Common dolphinfish (Coryphaena hippurus), Groupers nei (Epinephelus spp), Mackerels nei (Scombridae), Snappers nei (Lutjanus spp)	Longlines (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Venezuela,FAO AREA 31, Suriname EEZ	Guiana dolphin, costero (STOCK NOT SPECIFIED) Whale unspecified (STOCK NOT SPECIFIED)	Guiana dolphin, costero (STOCK NOT SPECIFIED): NOT PROVIDED Whale unspecified (STOCK NOT SPECIFIED): NOT PROVIDED	
marine shrimps nei	Trawls (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			
Herrings/sardines nei (Clupeidae)	Purse seines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			
Herrings/sardines nei (Clupeidae)	Surrounding nets (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	none provided			

Vietnam

Exempt Fisheries

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Cuttlefishes nei (Sepia spp), Hard corals/madrepores nei (Scleractinia), Marine shells nei (Ex Mollusca)	Hand collection	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	coastal areas			
Groupers nei (Epinephelus spp)	Hooks and lines (not specified), (Demersal)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Vietnam EEZ, north, central, and south regions			
Flat and cupped oysters nei (Ostreidae), Sea mussels nei (Mytilidae)	Rakes	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	tidal areas			
Lobsters nei (Reptantia)	Aquaculture (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Binh Dinh, Phu Yen and Khanh Hoa province in coastal areas of natural bays, 3,722,695 m3 of floating cage			
Groupers nei (Epinephelus spp), Seabasses nei (Dicentrarchus spp), Snappers nei (Lutjanus spp)	Aquaculture (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	all coastal provinces, Small scale farming; marine fishes including grouper with total areas for farming of 1,2 million m3 floating cage			
Various squids nei (Loliginidae, Ommastrephidae)	Lift nets (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	coastal, inshore, and offshore areas, north and central regions			
Demersal fishes nei (Osteichthyes), Tunas nei (Thunnini)	Hooks and lines (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	coastal, inshore, and offshore areas, north, central, and south regions			WCPFC
Snappers nei (Lutjanus spp)	Handlines and hand-operated pole-and-lines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Mekong, Mekong, SW Phu Quoc, Vietnam EEZ			
Clams/etc. nei (Bivalvia)	Aquaculture (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Mekong Delta and Northern Provinces, 22000ha			

Target Species or Product	Gear Type	Number of Vessels/Licenses/Participants/Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Clams/etc. nei (Bivalvia)	Rakes	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Mekong Delta and Northern Provinces			
Lobsters nei (Reptantia)	Diving (not specified), (Bottom)	Number of Vessels: N/A, Licenses: N/A, Participants: N/A, Aquaculture Facilities: 0	EEZ,(FAO:61 Pacific Northwest, FAO:71 Pacific Western Central),coastal areas			
Bigeye tuna (Thunnus obesus), Pacific bluefin tuna (Thunnus orientalis), Skipjack tuna (Katsuwonus pelamis), Swordfish (Xiphias gladius), Yellowfin tuna (Thunnus albacares)	Purse seines	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	offshore areas, Vietnam EEZ			WCPFC
Anchovies nei (Engraulis spp), Herrings/sardines nei (Clupeidae)	Lift nets (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	South Long Chau, North Hon Me, Tonkin Gulf Mouth, north and central regions			
Scallops nei (Pectinidae)	Aquaculture (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	Central Region, small scale farming			
Gastropods nei (Gastropoda)	Aquaculture (not specified)	Number of Vessels: none provided, Licenses: none provided, Participants: none provided, Aquaculture Facilities: none provided	coastal provinces, marine snail; 9000ha			
Export Fisheries						
Bigeye tuna (Thunnus obesus), Pacific bluefin tuna (Thunnus orientalis), Skipjack tuna (Katsuwonus pelamis), Swordfish (Xiphias gladius), Yellowfin tuna (Thunnus albacares)	Handlines and hand-operated pole-and-lines, (Midwater), Longlines (not specified), (Midwater)	Number of Vessels: 2460, Licenses: 2460, Participants: N/A, Aquaculture Facilities: 0	EEZ,(FAO:61 Pacific Northwest, FAO:71 Pacific Western Central),offshore areas, central provinces, Vietnam EEZ			WCPFC
Mackerels nei (Scombridae), Skipjack tuna (Katsuwonus pelamis), Swordfish (Xiphias gladius)	Gillnets and entangling nets (not specified), (Midwater)	Number of Vessels: 4866, Licenses: 4866, Participants: N/A, Aquaculture Facilities: 0	EEZ,(FAO:61 Pacific Northwest, FAO:71 Pacific Western Central),offshore areas, north, central, and south regions, Vietnam EEZ			WCPFC
marine shrimps nei	Otter trawls (not specified), (Bottom)	Number of Vessels: 4155, Licenses: 4155, Participants: N/A, Aquaculture Facilities: 0	EEZ,(FAO:61 Pacific Northwest, FAO:71 Pacific Western Central),Inshore area			

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Pelagic fishes nei (Osteichthyes), Tunas nei (Thunnini)	Gillnets and entangling nets (not specified), (Pelagic)	Number of Vessels: 9,155, Licenses: 9,155, Participants: N/A, Aquaculture Facilities: 0	EEZ,(FAO:61 Pacific Northwest, FAO:71 Pacific Western Central),inshore, and offshore areas, north, central, and south regions			
Mackerels nei (Scombridae), Tunas nei (Thunnini)	Purse seines, (Pelagic)	Number of Vessels: 5880, Licenses: 5880, Participants: N/A, Aquaculture Facilities: 0	EEZ,(FAO:61 Pacific Northwest, FAO:71 Pacific Western Central),inshore, and offshore areas (north, central, and south regions)			
Various squids nei (Loliginidae, Ommastrephidae)	Handlines and hand-operated pole-and-lines, (Midwater), Surrounding nets (not specified), (Pelagic), single and/or pair trawl, (Demersal)	Number of Vessels: 24615, Licenses: 24615, Participants: N/A, Aquaculture Facilities: 0	EEZ,(FAO:61 Pacific Northwest, FAO:71 Pacific Western Central),Inshore and Offshore areas			
Orange roughy (Hoplostethus atlanticus)	Unknown/Gear not known/Not provided, (Bottom)	UNKNOWN	EEZ,(FAO:71 Pacific Western Central),none provided			
Octopuses nei (Octopus spp)	octopus pots, (Demersal)	Number of Vessels: 401, Licenses: 401, Participants: N/A, Aquaculture Facilities: 0	EEZ,(FAO:61 Pacific Northwest, FAO:71 Pacific Western Central),coastal, Inshore areas			
Anchovies nei (Engraulis spp), Herrings/sardines nei (Clupeidae)	Purse seines, (Pelagic)	Number of Vessels: 2209, Licenses: 2209, Participants: 2209, Aquaculture Facilities: 0	EEZ,(FAO:61 Pacific Northwest, FAO:71 Pacific Western Central),Coastal, Inshore areas			
Swimming crabs/etc. nei (Portunidae)	Fixed gillnets (on stakes), (Demersal)	Number of Vessels: 285, Licenses: 285, Participants: 285, Aquaculture Facilities: 0	EEZ,(FAO:71 Pacific Western Central),coastal areas central and south regions			
Conger eels/etc. nei (Congridae)	Trawls (not specified), (Bottom)	Number of Vessels: 7836, Licenses: 7836, Participants: Unknown, Aquaculture Facilities: 0	EEZ,(FAO:61 Pacific Northwest, FAO:71 Pacific Western Central),Inshore areas			
Cuttlefishes nei (Sepia spp), Demersal fishes nei (Osteichthyes), Flatfishes nei (Pleuronectiformes), Groupers nei (Epinephelus spp), Mulletts nei (Mugilidae), Snappers nei (Lutjanus spp), Soles nei (Soleidae)	Trawls (not specified), (Bottom)	Number of Vessels: 14682, Licenses: 14682, Participants: 14682, Aquaculture Facilities: none provided	EEZ,(FAO:61 Pacific Northwest, FAO:71 Pacific Western Central),inshore and offshore areas, north, central, and south regions			
Dolphinfishes nei (Coryphaenidae)	Gillnets and entangling nets (not specified), (Pelagic)	Number of Vessels: 1753, Licenses: 1753, Participants: N/A, Aquaculture Facilities: 0	EEZ,(FAO:71 Pacific Western Central),offshore areas			

Target Species or Product	Gear Type	Number of Vessels/Licenses/ Participants/ Aquaculture Facilities	Area of Operation	Marine Mammal Interactions or Co-occurrence (by Group, Species or Stock)	Marine Mammal Species/Stock and Annual Average Mortality Estimates	RFMO
Lobsters nei (Reptantia)	Gillnets and entangling nets (not specified), (Bottom)	Number of Vessels: 8875, Licenses: 8875, Participants: N/A, Aquaculture Facilities: 0	EEZ,(FAO:61 Pacific Northwest, FAO:71 Pacific Western Central),Coastal areas in central region			
Mackerels nei (Scombridae)	Gillnets and entangling nets (not specified), (Pelagic)	Number of Vessels: 13444, Licenses: 13444, Participants: N/A, Aquaculture Facilities: 0	EEZ,(FAO:61 Pacific Northwest, FAO:71 Pacific Western Central),Inshore and offshore areas, north, central, and south regions			
Mackerels nei (Scombridae)	Purse seines, (Pelagic)	Number of Vessels: 5880, Licenses: 5880, Participants: N/A, Aquaculture Facilities: 0	EEZ,(FAO:61 Pacific Northwest, FAO:71 Pacific Western Central),Inshore and offshore areas, north, central, and south regions			
Mulletts nei (Mugilidae)	Gillnets and entangling nets (not specified), (Demersal)	Number of Vessels: 30065, Licenses: 30065, Participants: N/A, Aquaculture Facilities: 0	EEZ,(FAO:61 Pacific Northwest, FAO:71 Pacific Western Central),coastal and inshore areas, north, central, and south regions			