

Fish	Perciformes	Sciaenidae	<i>Sciaenops ocellatus</i>	Red drum	✓	Medium				✓		✓					✓
Fish	Perciformes	Serranidae	<i>Epinephelus bruneus</i>	Longtooth grouper	✓	High	✓			✓	✓	✓	✓	✓			✓
Fish	Perciformes	Serranidae	<i>Epinephelus coioides</i>	Orange-spotted grouper	✓	High	✓					✓	✓				
Fish	Perciformes	Serranidae	<i>Epinephelus merra</i>	Honeycomb grouper	✓	High	✓			✓		✓	✓	✓			✓
Fish	Perciformes	Sparidae	<i>Acanthopagrus berda</i>	Picfin seabream	✓	High	✓		✓		✓		✓				
Fish	Perciformes	Stromateidae	<i>Pampus nozawae</i>	Swallow tail pomfret	✓	High		✓				✓					✓
Fish	Perciformes	Stromateidae	<i>Pampus argenteus</i>	Silver pomfret	✓	High	✓	✓			✓	✓	✓	✓	✓	✓	✓
Fish	Perciformes	Trichiuridae	<i>Trichiurus nanhaiensis</i>	Largehead hairtail	✓	Low		✓			✓	✓	✓	✓	✓	✓	✓
Fish	Pleuronectiformes	Bothidae	<i>Arnoglossus tenuis</i>	Dwarf lefteye flounder	✓	Low	✓	✓			✓	✓	✓	✓	✓	✓	✓
Fish	Pleuronectiformes	Cynoglossidae	<i>Cynoglossus abbreviatus</i>	Three-lined tongue sole	✓	High	✓				✓	✓	✓	✓	✓		
Fish	Pleuronectiformes	Cynoglossidae	<i>Cynoglossus macrolepidotus</i>	Largescale tonguesole	✓	High	✓		✓			✓	✓	✓	✓	✓	
Fish	Pleuronectiformes	Cynoglossidae	<i>Cynoglossus puncticeps</i>	Speckled tonguesole	✓	High	✓				✓	✓	✓	✓	✓		
Fish	Pleuronectiformes	Cynoglossidae	<i>Cynoglossus semilaevis</i>	Tongue sole	✓	High	✓					✓				✓	
Fish	Pleuronectiformes	Paralichthyidae	<i>Pseudorhombus levisquamis</i>	Left-eyed flounder	✓	Medium	✓		✓			✓	✓	✓	✓		✓
Fish	Pleuronectiformes	Soleidae	<i>Solea ovata</i>	Ovate sole	✓	Medium	✓	✓	✓			✓	✓	✓	✓	✓	✓
Fish	Pleuronectiformes	Soleidae	<i>Zebrias quagga</i>	Fringefin zebra sole	✓	Medium	✓					✓		✓			
Fish	Pleuronectiformes	Soleidae	<i>Zebrias zebra</i>	Double banded sole	✓	Medium		✓				✓		✓			
Fish	Rajiformes	Dasyatidae	<i>Dasyatis zugei</i>	Pale-edged stingray	✓	Low	✓					✓	✓	✓	✓	✓	
Fish	Rajiformes	Dasyatidae	<i>Dasyatis bennettii</i>	Yellow stingray	✓	Low	✓					✓	✓	✓	✓	✓	
Fish	Rajiformes	Gymnuridae	<i>Gymnura japonica</i>	Japanese butterfly ray	✓	Low		✓				✓		✓		✓	
Fish	Rajiformes	Myliobatidae	<i>Aetobatus flagellum</i>	Longheaded eagle ray	✓	Low		✓				✓		✓			
Fish	Scorpaeniformes	Platycephalidae	<i>Platycephalus indicus</i>	Bartail flathead	✓	Medium	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Fish	Scorpaeniformes	Scorpaenidae	<i>Scorpaenopsis neglecta</i>	Yellowfin scorpionfish	✓	Low			✓			✓					✓
Fish	Scorpaeniformes	Sebastidae	<i>Sebastes marmoratus</i>	common rockfish	✓	High	✓			✓		✓	✓	✓	✓	✓	✓
Fish	Scorpaeniformes	Synanceiidae	<i>Trachicephalus uranoscopus</i>	Stonefish	✓	Low	✓		✓			✓	✓	✓	✓	✓	✓
Fish	Scorpaeniformes	Tetraogidae	<i>Vespicularia trachinoides</i>	Mangrove waspfish	✓	Low	✓	✓				✓	✓	✓	✓	✓	✓
Fish	Scorpaeniformes	Triglidae	<i>Lepidotrigla punctipectoralis</i>	Finspot gurnard	✓	Low			✓			✓					✓
Fish	Scorpaeniformes	Dactylopteridae	<i>Dactyloptena gilberti</i>	Gilbert's flying gurnard	✓	Low	✓					✓	✓				
Fish	Scorpaeniformes	Platycephalidae	<i>Inegocia japonica</i>	Japanese flathead	✓	Low	✓					✓	✓	✓	✓	✓	
Fish	Scorpaeniformes	Platycephalidae	<i>Inegocia guttata</i>	Flathead	✓	Low	✓					✓	✓	✓	✓	✓	
Fish	Scorpaeniformes	Scorpaenidae	<i>Scorpaena neglecta</i>	Smallmouth scorpionfish	✓	Medium	✓					✓	✓	✓			
Fish	Scorpaeniformes	Synanceiidae	<i>Inimicus cuvieri</i>	Longsnout stinger	✓	High	✓					✓	✓	✓	✓		
Fish	Scorpaeniformes	Synanceiidae	<i>Minous monodactylus</i>	Grey stingfish	✓	Low	✓	✓				✓				✓	✓
Fish	Scorpaeniformes	Tetraogidae	<i>Paracentropogon rubripinnis</i>	Waspfish	✓	Low	✓		✓			✓	✓	✓			✓
Fish	Siluriformes	Ariidae	<i>Arius maculatus</i>	Spotted catfish	✓	Medium	✓		✓			✓	✓	✓	✓	✓	✓
Fish	Siluriformes	Plotosidae	<i>Plotosus lineatus</i>	Striped eel catfish	✓	Low	✓		✓			✓	✓	✓	✓	✓	✓
Fish	Tetraodontiformes	Monacanthidae	<i>Paramonacanthus sulcatus</i>	Mudbank filefish	✓	Medium	✓					✓	✓				
Fish	Tetraodontiformes	Monacanthidae	<i>Thamnaconus modestus</i>	Filefish	✓	Medium	✓	✓				✓	✓	✓	✓		✓
Fish	Tetraodontiformes	Tetraodontidae	<i>Takifugu alboplumbeus</i>	Hong Kong pufferfish	X	Nil	✓			✓		✓	✓	✓		✓	
Fish	Tetraodontiformes	Tetraodontidae	<i>Takifugu bimaculatus</i>	Futatsuboshi-fugu	X	Nil	✓					✓	✓	✓			
Fish	Tetraodontiformes	Tetraodontidae	<i>Takifugu oblongus</i>	Oblong blowfish	✓	Low	✓		✓	✓		✓	✓	✓	✓	✓	✓
Fish	Tetraodontiformes	Tetraodontidae	<i>Takifugu xanthopterus</i>	Yellow pufferfish	✓	Low	✓	✓	✓			✓	✓	✓		✓	✓
Fish	Tetraodontiformes	Monacanthidae	<i>Monacanthus chinensis</i>	Fan-bellied leather jacket	✓	Medium	✓		✓	✓		✓	✓	✓			✓
Fish	Tetraodontiformes	Tetraodontidae	<i>Lagocephalus gloveri</i>	Pufferfish	✓	High	✓	✓				✓	✓	✓	✓	✓	✓
Fish	Tetraodontiformes	Tetraodontidae	<i>Takifugu niphobles</i>	Snowy puffer	✓	Low	✓		✓	✓		✓	✓	✓			✓
Fish	Tetraodontiformes	Tetraodontidae	<i>Takifugu poecilonotus</i>	Pufferfish	✓	Low	✓		✓	✓		✓	✓	✓			
Mantis shrimp	Stomatopoda	Squillidae	<i>Dictyosquilla foveolata</i>	Mantis shrimp	✓	High	✓					✓	✓	✓	✓	✓	✓
Mantis shrimp	Stomatopoda	Squillidae	<i>Harpisquilla harpax</i>	Mantis shrimp	✓	High	✓		✓			✓	✓	✓	✓	✓	✓
Mantis shrimp	Stomatopoda	Squillidae	<i>Oratosquilla oratoria</i>	Mantis shrimp	✓	High	✓		✓			✓	✓	✓	✓	✓	✓
Mantis shrimp	Stomatopoda	Squillidae	<i>Oratosquilla interrupta</i>	Mantis shrimp	✓	High	✓		✓			✓	✓	✓	✓	✓	✓
Mantis shrimp	Stomatopoda	Squillidae	<i>Clorida rotundicauda</i>	Mantis shrimp	✓	High	✓					✓	✓	✓			
Mantis shrimp	Stomatopoda	Squillidae	<i>Miyakella nepa</i>	Mantis shrimp	✓	High	✓					✓	✓	✓	✓	✓	
Others	Arcoida	Arcidae	<i>Tegillarca granosa</i>	Blood cockle	✓	Low	✓					✓	✓	✓	✓	✓	✓
Others	Caenogastropoda	Turritellidae	<i>Turritella terebra</i>	Sea snail	✓	Low	✓	✓				✓	✓	✓	✓	✓	✓
Others	Camarodonta	Temnopleuridae	<i>Temnopleurus toreumaticus</i>	Sea urchin	X	Nil	✓	✓	✓			✓	✓	✓	✓	✓	✓
Others	Cephalasipida	Philinidae	<i>Philina aperta</i>	Sand slug	X	Nil	✓					✓	✓	✓	✓		
Others	Golfingiida	Sipunculidae	<i>Siphonosoma sp</i>	Peanut worm	X	Nil	✓					✓	✓	✓	✓	✓	
Others	Littorinimorpha	Bursidae	<i>Bufonaria rana</i>	Common frog shell	✓	Low	✓					✓	✓	✓	✓	✓	
Others	Myopsida	Loliginidae	<i>Loligo</i>	Squid	✓	Medium	✓	✓				✓	✓	✓	✓	✓	✓
Others	Mytiloidea	Mytilidae	<i>Perna viridis</i>	Green mussel	✓	Low	✓					✓	✓	✓	✓	✓	
Others	Neogastropoda	Muricidae	<i>Murex trapa</i>	Rarespined murex	X	Nil	✓		✓			✓	✓	✓	✓	✓	✓
Others	Neogastropoda	Hemigenidae	<i>Hemifusus tuba</i>	Sea snail	✓	High	✓					✓	✓	✓	✓		
Others	Octopoda	Octopodidae	<i>Amphioctopus aegina</i>	Octopus	✓	Low	✓	✓				✓	✓	✓	✓	✓	
Others	Pennatulacea	Pennatulidae	<i>Pteraeides sparmanni</i>	Sea pen	X	Nil	✓					✓	✓	✓	✓		
Others	Sepiida	Sepiidae	<i>Sepiella inermis</i>	Spineless cuttlefish	✓	Low	✓					✓	✓		✓		
Others	Sepiida	Sepiidae	<i>Sepia andreana</i>	Andrea cuttlefish	✓	Low	✓	✓				✓	✓	✓	✓		✓
Others	Sepiolida	Sepiolidae	<i>Sepiolla atlantica</i>	Atlantic bobtail squid	✓	Low	✓					✓	✓	✓	✓		
Others	Veneroidea	Veneridae	<i>Paphia undulata</i>	Short necked clams	✓	Low	✓					✓	✓	✓			
Others	Veneroidea	Veneridae	<i>Venerupis philippinarum</i>	Japanese carpet shell	✓	Low	✓					✓	✓				
Others	Xiphosurida	Limulidae	<i>Carcinoscorpius rotundicauda</i>	Mangrove horseshoe crab	✓	Low	✓					✓		✓			
Shrimp	Decapoda	Alpheidae	<i>Alpheus sp</i>	Snapping shrimp	✓	Low	✓					✓	✓	✓	✓	✓	
Shrimp	Decapoda	Penaeidae	<i>Alcockpenaeopsis hungerfordii</i>	Dog shrimp	✓	High	✓	✓				✓	✓	✓	✓	✓	✓
Shrimp	Decapoda	Penaeidae	<i>Fenneropenaeus merguensis</i>	Chinese white prawn	✓	High	✓	✓	✓			✓	✓	✓	✓	✓	✓
Shrimp	Decapoda	Penaeidae	<i>Marsupenaeus japonicus</i>	Japanese king prawn	✓	High	✓					✓	✓	✓	✓	✓	
Shrimp	Decapoda	Penaeidae	<i>Metapenaeopsis palmensis</i>	Southern velvet shrimp	✓	High	✓					✓	✓	✓	✓		
Shrimp	Decapoda	Penaeidae	<i>Metapenaeus affinis</i>	Jinga shrimp	✓	High	✓	✓				✓	✓	✓	✓	✓	✓
Shrimp	Decapoda	Penaeidae	<i>Metapenaeus joyneri</i>	Shiba shrimp	✓	High	✓	✓	✓			✓	✓	✓	✓	✓	✓
Shrimp	Decapoda	Penaeidae	<i>Trachysalambria curvirostris</i>	Southern rough shrimp	✓	High	✓					✓	✓	✓	✓	✓	
Shrimp	Decapoda	Penaeidae	<i>Metapenaeus ensis</i>	Greasyback shrimp	✓	High	✓					✓	✓	✓	✓	✓	
Shrimp	Decapoda	Penaeidae	<i>Penaeus semisulcatus</i>	Green tiger prawn	✓	High	✓					✓	✓	✓	✓		
Shrimp	Decapoda	Solenoceridae	<i>Solenocera crassicornis</i>	Coastal mud shrimp	✓	Medium	✓					✓	✓	✓	✓	✓	

***Survey types:**

T: Trawling survey
P: Purse seine survey
G: Gill net survey
H: Handline survey

Commercial Value Category:

High value: > \$45 kg⁻¹
Medium value: \$30 - \$45 kg⁻¹
Low value: < \$30 kg⁻¹

***Survey locations:**

A: occurs within HKIAAA (F3A, F3B, P3A, P3B, P4A, H3)
B: occurs outside HKIAAA (F1A, F1B, F2A, F2B, F4A, F4B, F5A, F5B, F6A, F6B, P1A, P1B, P2A, P2B, P4B, P5A, P5B, H1, H2, H4, H5)
C: occurs within proposed project footprint and the immediately adjacent area
D: occurs in Northern waters of Chek Lap Kok (outside proposed project footprint)
E: occurs in Western waters of Chek Lap Kok (outside proposed project footprint)
F: occurs in Sha Chau and Lung Kwu Chau Marine Park (outside proposed project footprint)
G: occurs around Brothers Islands (outside proposed project footprint)