



# **SUMMARY OF CORRECTIONS**

## ***VOLUME 5***

***2019***

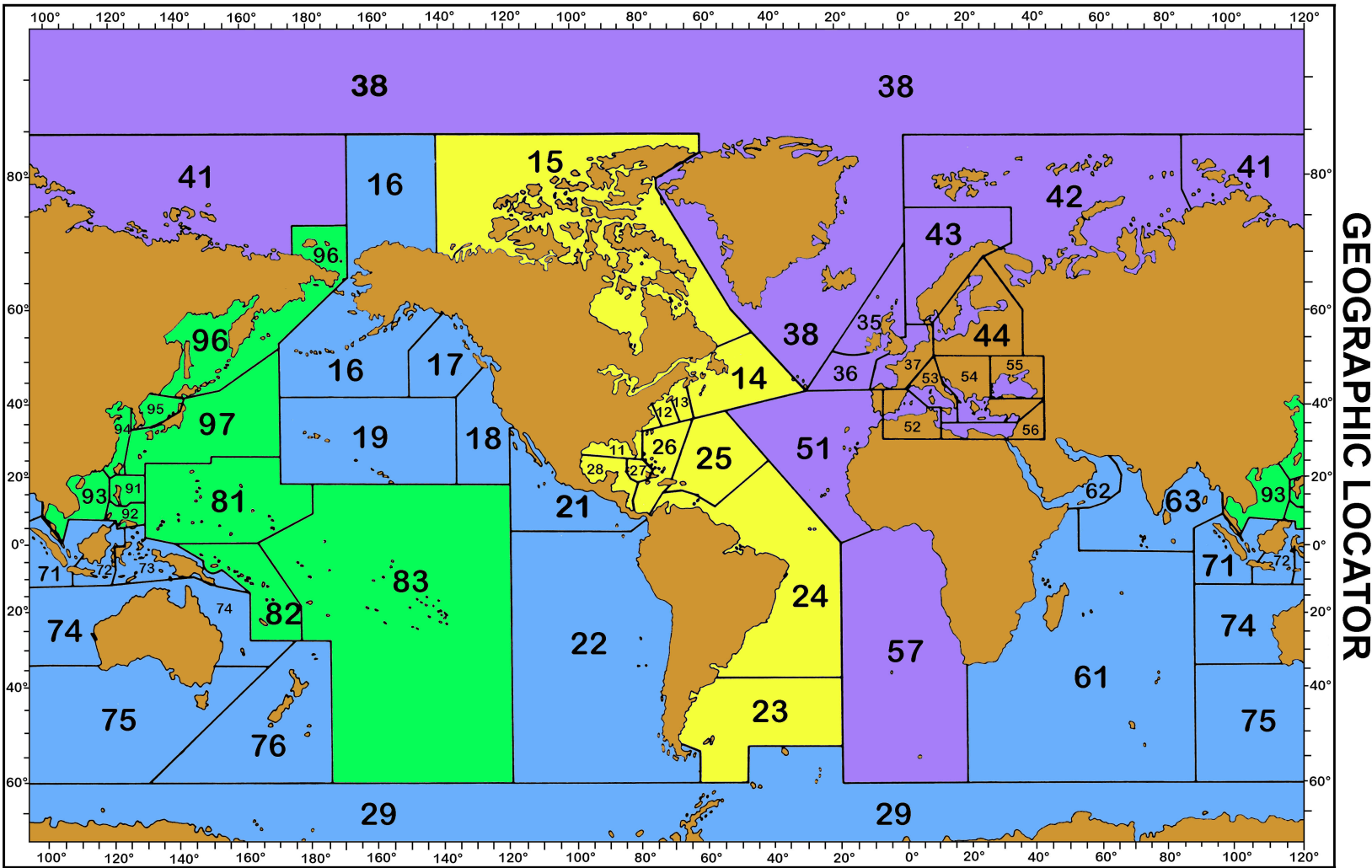
***PUBS***

**WORLD AND OCEAN BASIN CHARTS, U.S.  
COAST PILOTS, SAILING DIRECTIONS,  
FLEET GUIDES, AND OTHER  
PUBLICATIONS  
*CORRECTIONS  
THROUGH NTM 33/19 (17 AUGUST 2019)***



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VOLUME 1



VOLUME 2



VOLUME 3



VOLUME 4

## SUMMARY OF CORRECTIONS

This Volume contains a summary of chart corrections and navigation publication corrections originally issued in the Notice to Mariners up to the date of this edition. For corrections issued subsequent to the date of this edition, the Notice to Mariners must still be consulted. This publication is not required to be maintained intact. Portions of it may be separated for correction or attachment to an affected product.

The Summary of Corrections are divided into five volumes. Volumes 1 through 4 contain corrections to regionally numbered charts. Volume 5 contains corrections to world and ocean basin charts, and corrections to navigational publications. The detailed coverage of each Volume is listed below:

- Volume 1: East Coast of North and South America  
(Subregions 11 through 15 and 23 through 28).
- Volume 2: Eastern Atlantic and Arctic Oceans, Including the Mediterranean Sea  
(Regions 3, 4 and 5).
- Volume 3: Eastern Pacific Ocean, Antarctica, Indian Ocean and Australasia  
(Subregions 16 through 19, 21, 22, and 29, and Regions 6 and 7).
- Volume 4: Western Pacific Ocean  
(Regions 8 and 9).
- Volume 5: World and Ocean Basin Charts, U.S. Coast Pilots, Sailing Directions, Fleet Guides and Other Publications.

For further information concerning NGA hydrographic products and services, including the Maritime Safety Website, users may contact:

	<b>Telephone</b>	<b>DSN</b>	<b>E-mail</b>
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The Maritime Safety Website (<https://msi.nga.mil>) provides a searchable database of the corrections found in this publication, including graphic corrections. The database is updated weekly, as each new Notice to Mariners issue is published. The query form can be accessed by visiting the Notice to Mariners section of the Website.

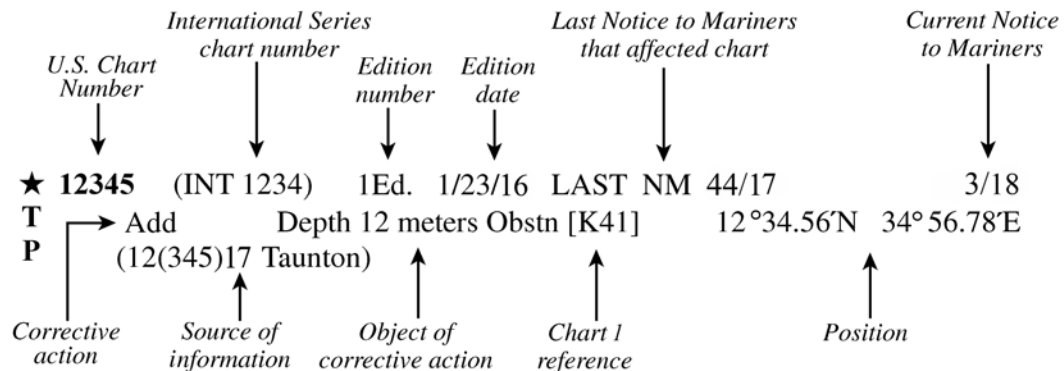
Users can also contact the Maritime Safety Office by telefax to 571-558-3261.

## EXPLANATION OF CONTENTS

The Summary of Corrections is provided as a convenient tool for updating nautical charts and publications with corrections originally issued in the Notice to Mariners. It contains a reiterative compilation of all corrections affecting each product lists from its edition date through the date of this volume.

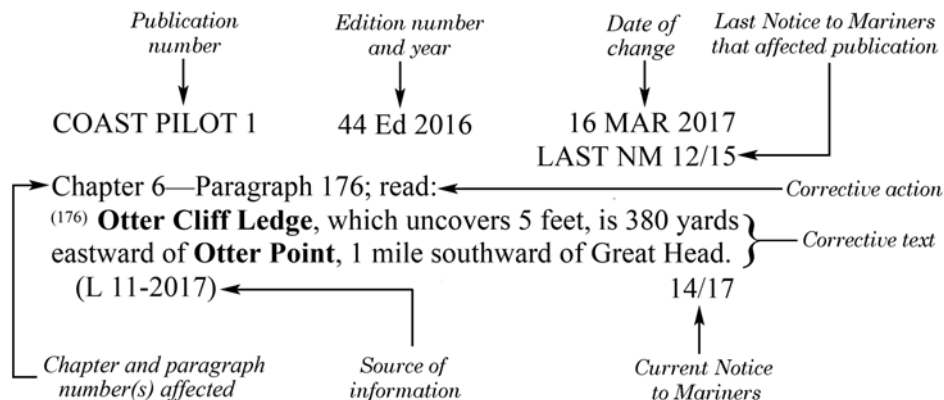
Charts are listed in ascending order by chart number. Each chart's corrections are listed in ascending order by the Notice to Mariners number in which they were originally issued. Corrections that were issued prior to the current edition date of a chart are not included. Charts that were listed as "CANCELED" in a previous edition of the Summary of Corrections are not repeated. Paste-on corrections for charts (chartlets, depth tabulations and notes) are located in the back of the chart corrections section and are arranged in ascending order by chart number. When a paste-on correction supersedes another which had been issued previously, only the latest correction will be included.

The components of a typical chart correction are illustrated below:



Publications are arranged by type and are listed in ascending order by publication number. The U.S. Coast Pilot corrections are listed in ascending order by change number. The corrections to all other publications are listed in ascending order by the page number(s) affected. Publication graphics, insert pages and replacement pages are located immediately after the textual corrections to the publication type that they affect and are arranged in ascending order by publication number.

The components of a typical Coast Pilot correction are illustrated below:





★10 (INT 10) (DMA)	2Ed. 5/11/96	NEW EDITION	28/96	
10 (INT 10) Add	2Ed. 5/11/96	LAST NM	28/96	29/96
Dotted-line circle "Well" marked close SE by buoy Y, spar				
(BA CH 4100)			71°56'N 21°11'E	
10 (INT 10) Delete	2Ed. 5/11/96	LAST NM	29/96	17/98
R Bn at light				
			57°45'N 10°36'E	
			55°33'N 8°05'E	
(50(1393)97 Kobenhavn)				
10 (INT 10) Delete	2Ed. 5/11/96	LAST NM	17/98	19/98
R Bn at light				
(12(34)97 Reykjavik)			65°30'N 24°31'W	
10 (INT 10) Delete	2Ed. 5/11/96	LAST NM	19/98	5/99
R Bn at light				
			54°07.0'N 0°05.0'W	
			58°30.0'N 6°15.0'W	
			57°42.0'N 2°00.0'W	
			54°17.0'N 10°05.0'W	
(30/98 Trinity House; BA RA)				
10 (INT 10) Delete	2Ed. 5/11/96	LAST NM	5/99	18/99
R Bn at light				
			59°01'N 10°30'E	
			59°18'N 4°53'E	
			58°04'N 8°03'E	
			60°08'N 5°01'E	
			61°02'N 4°30'E	
			62°20'N 5°16'E	
			64°11'N 9°25'E	
			65°12'N 11°00'E	
			67°18'N 13°30'E	
			67°25'N 11°52'E	
			70°15'N 19°30'E	
			71°06'N 23°59'E	
			71°05'N 28°13'E	
			70°23'N 31°09'E	
(1(67)99 Stavanger)				
10 (INT 10) Delete	2Ed. 5/11/96	LAST NM	18/99	23/99
R Bn at light				
			63°49'N 22°42'W	
			66°07'N 20°06'W	
			66°27'N 15°57'W	
			63°31'N 17°58'W	
(1(5)99 Reykjavik)				
10 (INT 10) Delete	2Ed. 5/11/96	LAST NM	23/99	40/05
Depth 79 meters, blue tint and enclosing depth contour in vicinity				
			71°51'N 41°40'E	
			69°34'N 41°02'E	
(NTM0033/2005)				
10 (INT 10) Add	2Ed. 5/11/96	LAST NM	40/05	4/08
Depth 1245 meters "Rep (2007)"				
(NTM0002/2008)			72°17'N 0°39'W	
10 (INT 10) Add	2Ed. 5/11/96	LAST NM	4/08	35/08
Depth 326 meters				
(NTM0026/2008)			73°56'N 20°57'E	
10 (INT 10) Add	2Ed. 5/11/96	LAST NM	35/08	13/11
Depth 56 meters, blue tint and enclosing depth contour (200-meter) centered				
			78°29'N 28°25'E	
			78°27'N 35°40'E	
(UKHO ARCS 4010-0)				
10 (INT 10) Add	2Ed. 5/11/96	LAST NM	13/11	38/17
Superbuoy ODAS [Q58] "K5" Y, Fl(5) Y 20s				
			59°07'N 11°41'W	
			Superbuoy ODAS [Q58] "K4" Y, Fl(5) Y 20s	
			55°09'N 12°45'W	
(UKHO ARCS 4102-0)				
★11 (INT 11) Delete	2Ed. 9/14/96	NEW EDITION	50/96	
RC at light				
			46°00'N 59°41'W	
			45°19'N 60°55'W	
(NIMA)				
(Previously published 42/96)				
11 (INT 11) Delete	2Ed. 9/14/96	LAST NM	50/96	28/97
RC at light				
(GIMM002/97)			28°27'N 80°32'W	
11 (INT 11) Delete	2Ed. 9/14/96	LAST NM	28/97	37/97
Superbuoy LANBY				
(31/97 CG1)			40°30'N 69°25'W	
11 (INT 11) Add	2Ed. 9/14/96	LAST NM	37/97	12/98
Depth 27 meters				
(14(142), 15(156)97 Lisboa)			36°43'N 11°10'W	
11 (INT 11) Delete	2Ed. 9/14/96	LAST NM	12/98	5/99
RC at light				
			49°58.0'N 6°19.0'W	
			58°31.0'N 6°16.0'W	
			51°22.0'N 9°49.0'W	
			55°16.0'N 8°15.0'W	
			54°17.0'N 10°05.0'W	
(30/98 Trinity House; BA RA)				
11 (INT 11) Delete	2Ed. 9/14/96	LAST NM	5/99	18/99
RC at light				
			60°08'N 5°01'E	
			61°02'N 4°30'E	
(1(67)99 Stavanger)				
11 (INT 11) Delete	2Ed. 9/14/96	LAST NM	18/99	23/99
RC at light				
			63°48'N 22°42'W	
			63°31'N 17°59'W	
(1(5)99 Reykjavik)				
11 (INT 11) Delete	2Ed. 9/14/96	LAST NM	23/99	27/99
RC at light.				
(4(15)99 Reykjavik)			63°48'N 16°38'W	
11 (INT 11) Delete	2Ed. 9/14/96	LAST NM	27/99	11/00
RC at light				
(6(1137)99 Ottawa)			43°55'N 60°01'W	
11 (INT 11) Relocate	2Ed. 9/14/96	LAST NM	11/00	16/00
Superbuoy ODAS "44142" from				
			42°29'N 64°12'W to	
(6(1126)99 Ottawa)			42°30'N 64°01'W	
11 (INT 11) Delete	2Ed. 9/14/96	LAST NM	16/00	48/00
RC at light				
(3(13)00 Brest)			48°28'N 5°08'W	
11 (INT 11) Delete	2Ed. 9/14/96	LAST NM	48/00	34/01
RC at light				
(4(145)01 Lisboa; Por LL)			37°01'N 9°00'W	
11 (INT 11) Delete	2Ed. 9/14/96	LAST NM	34/01	38/01
Superbuoy ODAS "44004"				
			38°19'N 70°42'W	
			Relocate Superbuoy ODAS "41002" from	
			32°18'N 75°20'W to	
			32°16'N 75°26'W	
			Add Superbuoy ODAS [Q58] "44004" Y,	
			Fl(4) Y 20s	
(29/01 CG7; NTM0020/2001)			38°30'N 70°28'W	
11 (INT 11) Delete	2Ed. 9/14/96	LAST NM	38/01	42/04
Depth 90 meters				
(NTM0019/2004)			54°00'N 13°10'W	
11 (INT 11) Delete	2Ed. 9/14/96	LAST NM	42/04	8/06
RC (AERO)				
			RC	
			RC at light	
(28(294)05 Cadiz)			32°45'N 16°42'W	
			28°09'N 15°25'W	
			33°34'N 7°40'W	

11 (INT 11) 2Ed. 9/14/96 LAST NM 8/06 20/06  
Delete RC at light 35°48'N 5°54'W  
RC at light 42°54'N 9°18'W  
(40(400)05 Cadiz; Spn LL)

11 (INT 11) 2Ed. 9/14/96 LAST NM 20/06 10/08  
Add Depth 213 meters enclosed by depth contour  
(1000-meter) 44°07'N 22°07'W  
Depth 104 meters enclosed by depth contour  
(200-meter) 38°19'N 30°06'W  
(10(1157, 1158)03 Taunton)

11 (INT 11) 2Ed. 9/14/96 LAST NM 10/08 40/08  
Add Superbuoy ODAS [Q58] "M4" Y, Fl(5) Y 20s  
55°00'N 10°00'W  
Superbuoy ODAS [Q58] "M6" Y, Fl(5) Y 20s  
53°04'N 15°56'W  
(42(4778)06, 24(2717)07 Taunton)

11 (INT 11) 2Ed. 9/14/96 LAST NM 40/08 43/08  
Relocate Superbuoy ODAS "44139" from  
44°20'N 57°21'W to 44°14'N 57°06'W  
(1(4006)05 Ottawa)

11 (INT 11) 2Ed. 9/14/96 LAST NM 43/08 8/09  
Delete RC 43°28'N 66°00'W  
(11(4000)08 Ottawa)

11 (INT 11) 2Ed. 9/14/96 LAST NM 8/09 23/09  
Add Superbuoy ODAS [Q58] "41049" Y,  
Fl(4) Y 20s 27°30'N 63°00'W  
(NTM0025/2009)

11 (INT 11) 2Ed. 9/14/96 LAST NM 23/09 33/09  
Add Depth 536 meters 32°13'N 77°44'W  
Depth 3968 meters 30°11'N 75°51'W  
(NTM0022/2009)

11 (INT 11) 2Ed. 9/14/96 LAST NM 33/09 47/09  
Add Superbuoy ODAS [Q58] "41048" Y,  
Fl(4) Y 20s (PA) 31°59'N 69°39'W  
(41/09 CG7)

11 (INT 11) 2Ed. 9/14/96 LAST NM 47/09 8/12  
Delete Depth 11 meters and enclosing  
dotted-line circle centered 43°49'N 8°03'W  
(11(336)11 Lisboa)

11 (INT 11) 2Ed. 9/14/96 LAST NM 8/12 31/13  
Delete Depth 102 meters "(1864, 1936)" (ED), blue  
tint and enclosing dotted-line circle in vicinity  
43°36'N 38°40'W  
Add Depth 73 meters "Rep (2013)", blue tint and  
enclosing dotted-line circle centered [13.2]  
43°38'N 38°40'W  
(28(3099)13 Taunton)

11 (INT 11) 2Ed. 9/14/96 LAST NM 31/13 38/16  
Delete Depth 808 meters and enclosing depth contours  
(2) in vicinity 36°25'N 25°11'W  
Substitute Depth 574 meters for 631 meters 40°22'N 29°43'W  
Add Superbuoy ODAS [Q58] "ODAS CSA 81" Y,  
Fl(5) Y 20s 36°24'N 8°04'W  
(18(133)13 Brest; 6(228)13, 6(233)14 Lisboa)

11 (INT 11) 2Ed. 9/14/96 LAST NM 38/16 41/16  
Delete Depth 17 meters and enclosing dotted-line  
circle centered 38°05'N 29°18'W  
(6(187)15 Lisboa)

11 (INT 11) 2Ed. 9/14/96 LAST NM 41/16 42/16  
Add Superbuoy ODAS [Q58] Y, spherical,  
Fl(5) Y 20s 46°43'N 48°54'W  
(NTM0008/2016)

11 (INT 11) 2Ed. 9/14/96 LAST NM 42/16 37/17  
Change Designation of superbuoy ODAS "24GB" to  
"K1" 48°41'N 12°22'W  
Designation of superbuoy ODAS "25GB" to  
"K2" 51°01'N 13°18'W  
Add Superbuoy ODAS [Q58] "PAP" Y, Fl(5) Y 20s  
49°00'N 16°22'W  
(UKHO ARCS 4102-0)

11 (INT 11) 2Ed. 9/14/96 LAST NM 37/17 38/17  
Delete Superbuoy ODAS 55°58'N 14°14'W  
Add Superbuoy ODAS [Q58] "K5" Y, Fl(5) Y 20s  
59°07'N 11°41'W  
Superbuoy ODAS [Q58] "K4" Y, Fl(5) Y 20s  
55°09'N 12°45'W  
(UKHO ARCS 4102-0)

11 (INT 11) 2Ed. 9/14/96 LAST NM 38/17 40/17  
Delete Depth 181 meters, blue tint and enclosing depth  
contour (200-meter) in vicinity 41°00'N 1°52'E  
Add Depth 717 meters 41°00'N 1°55'E  
(24(76)14 Brest)

11 (INT 11) 2Ed. 9/14/96 LAST NM 40/17 41/17  
Delete Depth 37 meters 37°28'N 25°36'W  
Depth 122 meters, blue tint and enclosing  
dotted-line circle in vicinity 38°39'N 26°56'W  
(2(281)16 Taunton)

★11 (INT 11) 2Ed. 9/14/96 LAST NM 41/17 33/19  
Relocate Superbuoy ODAS "41001" from  
34°54'N 72°54'W to 34°30'N 72°31'W  
(26/19 CG5)

★12 (INT 12) 1Ed. 9/25/82 NEW CHART 47/82  
(DMAHTC)

12 (INT 12) 1Ed. 9/25/82 LAST NM 47/82 51/82  
Add Legend "Rep exting (1982)" to light 13°30'N 16°40'W  
(BA LL)

12 (INT 12) 1Ed. 9/25/82 LAST NM 51/82 3/83  
Add Depth 542 meters 31°00'N 12°36'W  
(45(2732)82 Taunton)

12 (INT 12) 1Ed. 9/25/82 LAST NM 3/83 8/83  
Delete Depth 380 meters 38°20'N 30°00'W  
Add Depths  
104 meters 38°20'N 30°06'W  
137 meters 38°45'N 29°08'W  
(47(2888)82 Taunton)

12 (INT 12) 1Ed. 9/25/82 LAST NM 8/83 12/83  
Delete Depths  
22 meters "Rep (1979)" (PA) 18°30.0'N 63°08.0'W  
18 meters 16°30.0'N 87°35.0'W  
Substitute Depth 51 meters for 5 meters 14°10.0'N 79°55.0'W  
(NVS6875/83)

12 (INT 12) 1Ed. 9/25/82 LAST NM 12/83 17/83  
Add Danger circle "Unexploded Ordnance  
Rep (1983)" 29°37.5'N 79°44.6'W  
(NVS/C0001/83)

12 (INT 12) 1Ed. 9/25/82 LAST NM 17/83 29/83  
Relocate R Bn close NW to 34°41.9'N 76°41.0'W  
(23/83 CG5)

12 (INT 12) 1Ed. 9/25/82 LAST NM 29/83 31/83  
Substitute Depth 48 meters for 18 meters 3°26'S 35°03'W  
(NVS6978/83)

<b>12</b> (INT 12)	IEd. 9/25/82	LAST NM 31/83	44/83
Delete	Depths		
	139 meters	16°20'N 78°40'W	
	16 meters	17°10'N 79°23'W	
Add	Depths		
	586 meters	20°32'N 70°27'W	
	408 meters "Rep (1983)" (ED)	16°50'N 79°17'W	
	264 meters "Rep (1983)" (ED)	17°01'N 79°32'W	
	Legend "(PA)" to depth 532 meters "Rep (1982)" (NVS7066, 7072/83)	16°00'N 78°25'W	
<b>12</b> (INT 12)	IEd. 9/25/82	LAST NM 44/83	6/84
Add	Depths		
	284 meters "Rep (1983)"	11°16'N 82°50'W	
	29 meters "Rep (1983)"	3°53'N 48°55'W	
	(NVS7173/84; 22(202)83 Rio de Janeiro)		
<b>12</b> (INT 12)	IEd. 9/25/82	LAST NM 6/84	13/84
Add	Depths		
	176 meters "Rep (1983)" (PA)	11°31'N 80°06'W	
	163 meters "Rep (1983)" (PA)	13°47'N 79°04'W	
	(NVS7214/84)		
<b>12</b> (INT 12)	IEd. 9/25/82	LAST NM 13/84	15/84
Add	Depths		
	503 meters "Rep (1983)" (PA)	14°11.8'N 78°04.0'W	
	370 meters "Rep (1983)" (PA)	14°43.4'N 77°48.3'W	
	446 meters "Rep (1983)" (PA)	14°55.6'N 77°45.4'W	
	362 meters "Rep (1983)" (PA)	17°36.0'N 79°53.7'W	
	261 meters "Rep (1983)" (PA)	12°24.1'N 79°39.0'W	
	(NVS7214/84)		
<b>12</b> (INT 12)	IEd. 9/25/82	LAST NM 15/84	17/84
Add	Depths		
	346 meters	36°26'N 33°51'W	
	282 meters "Rep (1983)" (PA)	13°48'N 81°15'W	
	392 meters "Rep (1983)" (PA)	12°47'N 82°18'W	
	(NVS7226/84; 10(605)84 Taunton)		
<b>12</b> (INT 12)	IEd. 9/25/82	LAST NM 17/84	23/84
Delete	Depth 256 meters	8°21'S 16°52'W	
Add	Depth 256 meters	8°28.8'S 17°04.6'W	
	(NVS7266/84)		
<b>12</b> (INT 12)	IEd. 9/25/82	LAST NM 23/84	31/85
Add	Depth 16 meters	15°20'N 80°15'W	
	(HNNM7507/85)		
<b>12</b> (INT 12)	IEd. 9/25/82	LAST NM 31/85	38/85
Delete	Depths		
	278 meters	37°07'N 31°23'W	
	1470 meters	37°29'N 26°27'W	
Add	Depths		
	512 meters	39°07'N 27°39'W	
	309 meters	38°44'N 26°32'W	
	446 meters	38°10'N 26°02'W	
	503 meters	37°45'N 26°18'W	
	533 meters	37°26'N 26°27'W	
	235 meters	37°08'N 31°24'W	
	(31(2038)85 Taunton)		
<b>12</b> (INT 12)	IEd. 9/25/82	LAST NM 38/85	42/85
Delete	Depth 476 meters	33°13'N 29°31'W	
Add	Depth 360 meters	33°13'N 29°52'W	
	(34(11)85 Brest)		
<b>12</b> (INT 12)	IEd. 9/25/82	LAST NM 42/85	46/85
Delete	Depth 60 meters	16°34'N 61°54'W	
Change	Legend "PA" to "ED"	17°40'N 63°50'W	
	(HNNM7601/85; NVS6056/80)		
<b>12</b> (INT 12)	IEd. 9/25/82	LAST NM 46/85	27/86
Delete	Depth 478 meters	9°20'N 21°19'W	
Add	Depth 215 meters "Rep (1986)"	9°15'N 21°20'W	
	(17(1277)86 Taunton)		
<b>12</b> (INT 12)	IEd. 9/25/82	LAST NM 27/86	37/86
Add	Depth 157 meters	36°50'N 7°28'W	
	(MCNM7802/86)		
<b>12</b> (INT 12)	IEd. 9/25/82	LAST NM 37/86	47/86
Add	Depth 1200 meters	20°25'N 53°28'W	
	(39(51)86 Brest)		
<b>12</b> (INT 12)	IEd. 9/25/82	LAST NM 47/86	25/87
Substitute	Depth 247 meters "Rep" for 254 meters "Rep (1977)"	25°22'N 19°28'W	
Add	Depth 164 meters "Rep"	25°20'N 19°20'W	
	(16(32)87 Brest)		
<b>12</b> (INT 12)	IEd. 9/25/82	LAST NM 25/87	35/87
Delete	Depth 31 meters	14°10'N 60°48'W	
	(6(81)87 Brest)		
<b>12</b> (INT 12)	IEd. 9/25/82	LAST NM 35/87	26/88
Add	Legend "(ED)" to depth 78 meters	6°30'N 52°16'W	
	(53(61)87 Brest)		
<b>12</b> (INT 12)	IEd. 9/25/82	LAST NM 26/88	43/88
Substitute	Depth 24 meters for 28 meters	17°12'N 75°24'W	
	(MCNM8078/88)		
<b>12</b> (INT 12)	IEd. 9/25/82	LAST NM 43/88	48/88
Delete	Depths		
	7 meters	18°31'N 84°12'W	
	24 meters	18°40'N 83°21'W	
Add	Depths		
	15 meters	18°21'N 84°19'W	
	28 meters	18°49'N 83°15'W	
	(MCNM8169/88)		
<b>12</b> (INT 12)	IEd. 9/25/82	LAST NM 48/88	34/89
Add	Depth 96 meters	38°45'N 30°01'W	
	(MCNM7551/85)		
<b>12</b> (INT 12)	IEd. 9/25/82	LAST NM 34/89	38/89
Add	Depth 16 meters	21°50'N 76°19'W	
	(MCNM1102/89)		
<b>12</b> (INT 12)	IEd. 9/25/82	LAST NM 38/89	51/89
Delete	Depths		
	327 meters	31°23'N 13°19'W	
	44 meters	30°00'N 13°01'W	
Substitute	Depths		
	155 meters for 157 meters	30°00'N 12°42'W	
	77 meters for 86 meters	31°10'N 13°37'W	
Add	Depth 228 meters	31°39'N 13°07'W	
	(RS004188, 004196/74)		
<b>12</b> (INT 12)	IEd. 9/25/82	LAST NM 51/89	23/90
Add	Depth 18 meters	18°47'N 83°14'W	
	(25(58)89 Brest)		
<b>12</b> (INT 12)	IEd. 9/25/82	LAST NM 23/90	28/90
Delete	Depth 143 meters and enclosing depth contour	7°46.0'N 56°49.0'W	
	(MCNM1032/90)		
<b>12</b> (INT 12)	IEd. 9/25/82	LAST NM 28/90	39/90
Delete	Depth 9 meters "Rep (1980)" (PA)	3°58'S 35°50'W	
	(27(1940)90 Taunton)		
<b>12</b> (INT 12)	IEd. 9/25/82	LAST NM 39/90	51/91
Delete	Depth 130 meters	37°31'N 30°24'W	
	(38(27)91 Brest)		
<b>12</b> (INT 12)	IEd. 9/25/82	LAST NM 51/91	22/92
Delete	R Bn at lights	35°09'N 75°18'W	
	(17/92 CG5)	33°29'N 77°35'W	

12 (INT 12) 1Ed. 9/25/82 LAST NM 22/92 26/92  
Delete Depth 165 meters 12°00'N 17°30'W  
(16(43)92 Brest)

12 (INT 12) 1Ed. 9/25/82 LAST NM 26/92 49/93  
Delete R Bn at light 32°12'N 64°50'W  
(40(337)93 Taunton)

12 (INT 12) 1Ed. 9/25/82 LAST NM 49/93 51/93  
Add Depth 29 meters enclosed by  
depth contour (30-meter) 17°47'N 75°52'W  
(33(533)93 Hamburg)

12 (INT 12) 1Ed. 9/25/82 LAST NM 51/93 4/94  
Delete R Bn at light 24°39'N 82°54'W  
(46/93 CG7)

12 (INT 12) 1Ed. 9/25/82 LAST NM 4/94 32/94  
Delete R Bn at light 21°51'N 84°53'W  
Add Light symbol  
(1(18), 2(36)94 Habana)

12 (INT 12) 1Ed. 9/25/82 LAST NM 32/94 34/94  
Add Wreck (PA) 39°54'N 69°46'W  
(22/94 CG1)

12 (INT 12) 1Ed. 9/25/82 LAST NM 34/94 53/94  
Delete R Bn at light 40°38'N 73°12'W  
(23/94 CG1)

12 (INT 12) 1Ed. 9/25/82 LAST NM 53/94 1/95  
Delete R Bn at light 26°04'N 97°10'W  
26°52'N 80°05'W  
(47/94 CG7; 47/94 CG8)

12 (INT 12) 1Ed. 9/25/82 LAST NM 1/95 2/95  
Delete R Bn at light 30°20'N 81°25'W  
(49/94 CG7)

12 (INT 12) 1Ed. 9/25/82 LAST NM 2/95 10/95  
Delete R Bn at light 33°55'N 78°02'W  
R Bn 35°44'N 75°30'W  
R Bn and light symbol 38°45'N 74°35'W  
Add R Bn 38°48'N 75°05'W  
(2/95 CG5; USCG LL)

12 (INT 12) 1Ed. 9/25/82 LAST NM 10/95 11/95  
Delete R Bn at light 41°08'N 71°32'W  
40°24'N 73°50'W  
(4, 5/95 CG1)

12 (INT 12) 1Ed. 9/25/82 LAST NM 11/95 15/95  
Delete Depth 137 meters 37°45'N 29°08'W  
(7(24)95 Brest)

12 (INT 12) 1Ed. 9/25/82 LAST NM 15/95 29/95  
Add Depth 587 meters 6°21'N 32°58'W  
(14(56)95 Brest)

12 (INT 12) 1Ed. 9/25/82 LAST NM 29/95 45/95  
Delete R Bn 29°19'N 94°44'W  
(USCG LL)

12 (INT 12) 1Ed. 9/25/82 LAST NM 45/95 1/96  
Add Light symbol 6°03'S 35°07'W  
(20(217P)95 Rio de Janeiro)

12 (INT 12) 1Ed. 9/25/82 LAST NM 1/96 11/96  
Add Light symbol 2°23'S 43°16'W  
(22(243)95 Rio de Janeiro)

12 (INT 12) 1Ed. 9/25/82 LAST NM 11/96 12/96  
Delete R Bn at light 22°01'N 80°25'W  
(5(103)95 Habana)

12 (INT 12) 1Ed. 9/25/82 LAST NM 12/96 13/96  
Delete Light symbol 29°40'N 85°20'W  
Note: R Bn remains  
(5/96 CG8)

12 (INT 12) 1Ed. 9/25/82 LAST NM 13/96 14/96  
Delete R Bn at light 36°52'N 75°42'W  
R Bn 38°48'N 75°05'W  
34°42'N 76°41'W  
(8/96 CG5; SMEA009/96)

12 (INT 12) 1Ed. 9/25/82 LAST NM 14/96 17/96  
Delete Depth 104 meters 38°20'N 30°06'W  
(4(33)96 Brest)

12 (INT 12) 1Ed. 9/25/82 LAST NM 17/96 29/96  
Delete Depth 1600 meters 6°03'N 24°57'W  
Add Depth 234 meters 6°19'N 22°37'W  
762 meters 6°10'N 24°52'W  
(23(1907)96 Taunton)

12 (INT 12) 1Ed. 9/25/82 LAST NM 29/96 36/96  
Delete R Bn 29°40'N 85°21'W  
(SMEA006/96)

12 (INT 12) 1Ed. 9/25/82 LAST NM 36/96 41/96  
Delete R Bn at light 28°59'N 89°08'W  
28°54'N 89°25'W  
R Bn 29°47'N 93°21'W  
29°43'N 93°52'W  
(SMEA009/96)

12 (INT 12) 1Ed. 9/25/82 LAST NM 41/96 42/96  
Delete R Bn at light 27°50'N 97°03'W  
(SMEA009/96)

12 (INT 12) 1Ed. 9/25/82 LAST NM 42/96 51/96  
Delete R Bn at light 27°35'N 82°40'W  
(GIMM050/96)

12 (INT 12) 1Ed. 9/25/82 LAST NM 51/96 6/97  
Delete R Bn at light 30°14'N 88°01'W  
(GIMM002/97)

12 (INT 12) 1Ed. 9/25/82 LAST NM 6/97 23/97  
Delete Purple circle at light 22°41'N 78°53'W  
(9(222)96 Habana)

12 (INT 12) 1Ed. 9/25/82 LAST NM 23/97 28/97  
Delete R Bn at light 28°23'N 80°32'W  
(GIMM002/97)

12 (INT 12) 1Ed. 9/25/82 LAST NM 28/97 32/97  
Delete R Bn at light 1°22'S 45°00'W  
(12(99)97 Rio de Janeiro)

12 (INT 12) 1Ed. 9/25/82 LAST NM 32/97 37/97  
Delete Light symbol and R Bn 40°30'N 69°25'W  
(31/97 CG1)

12 (INT 12) 1Ed. 9/25/82 LAST NM 37/97 12/98  
Add Depth 27 meters 36°43'N 11°10'W  
(14(142), 15(156)97 Lisboa)

12 (INT 12) 1Ed. 9/25/82 LAST NM 12/98 16/00  
Delete Light 27°49'N 97°04'W  
(49/99 CG8)

12 (INT 12)	1Ed. 9/25/82	LAST NM 16/00	34/01
Delete	R Bn at light	37°00'N 8°58'W	
(4(145)01 Lisboa; Por LL)			
12 (INT 12)	1Ed. 9/25/82	LAST NM 34/01	45/02
Delete	R Bn	20°28'N 86°58'W	
Add	Light symbol [P1]	20°30'N 86°58'W	
(Mex LL; NTM0007/2002)			
12 (INT 12)	1Ed. 9/25/82	LAST NM 45/02	27/04
Substitute	Depth 26 meters for 8 meters	16°54'N 83°20'W	
(NTM0012/2004)			
12 (INT 12)	1Ed. 9/25/82	LAST NM 27/04	26/05
Add	Depth 1116 meters "Rep (2005)"	27°26'N 76°35'W	
(NTM0024/2005)			
12 (INT 12)	1Ed. 9/25/82	LAST NM 26/05	8/06
Delete	R Bn at light	33°34'N 7°41'W	
(28(294)05 Cadiz)			
12 (INT 12)	1Ed. 9/25/82	LAST NM 8/06	20/06
Delete	R Bn at light	35°47'N 5°57'W	
(40(400)05 Cadiz)			
12 (INT 12)	1Ed. 9/25/82	LAST NM 20/06	10/08
Add	Depth 104 meters	38°19'N 30°06'W	
(10(1158)03 Taunton)			
12 (INT 12)	1Ed. 9/25/82	LAST NM 10/08	23/09
Add	Superbuoy ODAS [Q58] "41049" Y, Fl(4) Y 20s	27°30'N 63°00'W	
	Superbuoy ODAS [Q58] "41044" Y, Fl(4) Y 20s	21°39'N 58°42'W	
(NTM0025/2009)			
12 (INT 12)	1Ed. 9/25/82	LAST NM 23/09	29/09
Add	Superbuoy ODAS [Q58] "42060" Y, Fl(4) Y 20s	16°30'N 63°30'W	
(NTM0025/2009)			
12 (INT 12)	1Ed. 9/25/82	LAST NM 29/09	33/09
Add	Depth 536 meters	32°13'N 77°44'W	
	Depth 3968 meters	30°11'N 75°51'W	
(NTM0022/2009)			
12 (INT 12)	1Ed. 9/25/82	LAST NM 33/09	34/09
Add	Superbuoy ODAS [Q58] "41016" Y, Fl(4) Y 20s	24°38'N 76°31'W	
(20/09 CG7)			
12 (INT 12)	1Ed. 9/25/82	LAST NM 34/09	45/09
Delete	Superbuoy ODAS "41016" (Supersedes 34/09-12)	24°38'N 76°31'W	
(40/09 CG7)			
12 (INT 12)	1Ed. 9/25/82	LAST NM 45/09	47/09
Add	Superbuoy ODAS [Q58] "41040" Y, Fl(4) Y 20s	14°29'N 53°00'W	
	Superbuoy ODAS [Q58] "41041" Y, Fl(4) Y 20s	14°21'N 46°00'W	
	Superbuoy ODAS [Q58] "41043" Y, Fl(4) Y 20s	21°59'N 65°01'W	
	Superbuoy ODAS [Q58] "41046" Y, Fl(4) Y 20s	24°00'N 71°00'W	
	Superbuoy ODAS [Q58] "41047" Y, Fl(4) Y 20s (PA)	27°28'N 71°29'W	
	Superbuoy ODAS [Q58] "41048" Y, Fl(4) Y 20s (PA)	31°59'N 69°39'W	
	Superbuoy ODAS [Q58] "41420" Y, Fl(4) Y 20s	23°19'N 67°40'W	
	Superbuoy ODAS [Q58] "41421" Y, Fl(4) Y 20s	23°24'N 63°54'W	
	Superbuoy ODAS [Q58] "42059" Y, Fl(4) Y 20s	15°00'N 67°30'W	
	Superbuoy ODAS [Q58] "42407" Y, Fl(4) Y 20s	15°16'N 68°14'W	
(41/09 CG7)			
12 (INT 12)	1Ed. 9/25/82	LAST NM 47/09	32/16
Substitute	Depth 730 meters enclosed by depth contour (1000-meter) for 1110 meters	30°08'N 42°07'W	
(NTM0003/2016)			
12 (INT 12)	1Ed. 9/25/82	LAST NM 32/16	38/16
Add	Superbuoy ODAS [Q58] "ODAS CSA 81" Y, Fl(5) Y 20s	36°24'N 8°04'W	
(6(233)14 Lisboa)			
12 (INT 12)	1Ed. 9/25/82	LAST NM 38/16	41/17
Delete	Depth 37 meters and blue tint in vicinity	37°29'N 25°44'W	
	Note: Depth 188 meters, blue tint and enclosing dotted-line circle remains		
(2(281)16 Taunton)			
★13 (INT 13)	1Ed. 9/25/82	NEW CHART	47/82
(DMAHTC)			
13 (INT 13)	1Ed. 9/25/82	LAST NM 47/82	8/83
Add	Depth 104 meters	38°20'N 30°06'W	
(47(2888)82 Taunton)			
13 (INT 13)	1Ed. 9/25/82	LAST NM 8/83	12/83
Delete	Depth 22 meters "Rep (1979)" (PA)	18°30.0'N 63°08.0'W	
Substitute	Depth 51 meters for 5 meters	14°10.0'N 79°55.0'W	
(NVS6875/83)			
13 (INT 13)	1Ed. 9/25/82	LAST NM 12/83	17/83
Add	Danger circle "Unexploded Ordnance Rep (1983)"	29°37.5'N 79°44.6'W	
(NVS/C0001/83)			
13 (INT 13)	1Ed. 9/25/82	LAST NM 17/83	29/83
Relocate	R Bn close NW to	34°41.9'N 76°41.0'W	
(23/83 CG5)			
13 (INT 13)	1Ed. 9/25/82	LAST NM 29/83	31/83
Substitute	Depth 48 meters for 18 meters	3°26'S 35°03'W	
(NVS6978/83)			
13 (INT 13)	1Ed. 9/25/82	LAST NM 31/83	36/83
Add	Depth 37 meters "Rep (1982)" (PA)	45°53'N 47°40'W	
(NVS7009/83)			
13 (INT 13)	1Ed. 9/25/82	LAST NM 36/83	44/83
Delete	Depths		
	139 meters	16°20'N 78°40'W	
	16 meters	17°10'N 79°23'W	
Add	Depths		
	586 meters	20°32'N 70°27'W	
	408 meters "Rep (1983)" (ED)	16°50'N 79°17'W	
	264 meters "Rep (1983)" (ED)	17°01'N 79°32'W	
	Legend "(PA)" to depth 532 meters "Rep (1982)"	16°00'N 78°25'W	
(NVS7066, 7072/83)			
13 (INT 13)	1Ed. 9/25/82	LAST NM 44/83	6/84
Add	Depths		
	284 meters "Rep (1983)"	11°16'N 82°50'W	
	29 meters "Rep (1983)"	3°53'N 48°55'W	
(NVS7173/84; 22(202)83 Rio de Janeiro)			
13 (INT 13)	1Ed. 9/25/82	LAST NM 6/84	13/84
Add	Depths		
	176 meters "Rep (1983)" (PA)	11°31'N 80°06'W	
	163 meters "Rep (1983)" (PA)	13°47'N 79°04'W	
(NVS7214/84)			
13 (INT 13)	1Ed. 9/25/82	LAST NM 13/84	15/84
Add	Depths		
	503 meters "Rep (1983)" (PA)	14°11.8'N 78°04.0'W	
	370 meters "Rep (1983)" (PA)	14°43.4'N 77°48.3'W	
	446 meters "Rep (1983)" (PA)	14°55.6'N 77°45.4'W	
	362 meters "Rep (1983)" (PA)	17°36.0'N 79°53.7'W	
	261 meters "Rep (1983)" (PA)	12°24.1'N 79°39.0'W	
(NVS7214/84)			

13 (INT 13) 1Ed. 9/25/82 LAST NM 15/84 17/84  
 Add Depths  
 346 meters 36°26'N 33°51'W  
 282 meters "Rep (1983)" (PA) 13°48'N 81°15'W  
 392 meters "Rep (1983)" (PA) 12°47'N 82°18'W  
 (NVS7226/84; 10(605)84 Taunton)

13 (INT 13) 1Ed. 9/25/82 LAST NM 17/84 42/84  
 Delete R Bns 53°31'N 55°45'W  
 54°28'N 56°56'W  
 55°13'N 59°08'W  
 (27(601,608,614)84 Ottawa)

13 (INT 13) 1Ed. 9/25/82 LAST NM 42/84 31/85  
 Add Depth 16 meters (ED) 15°20'N 80°15'W  
 (HNNM7507/85)

13 (INT 13) 1Ed. 9/25/82 LAST NM 31/85 32/85  
 Delete Depth 14 meters 15°20'N 80°24'W  
 (NVS6998/85)

13 (INT 13) 1Ed. 9/25/82 LAST NM 32/85 46/85  
 Delete Depth 60 meters 16°34'N 61°54'W  
 Change Legend "PA" to "ED" 17°50'N 63°30'W  
 (HNNM7601/85; NVS6056/80)

13 (INT 13) 1Ed. 9/25/82 LAST NM 46/85 10/86  
 Delete Depths  
 14 meters 13°54'N 78°20'W  
 6 meters 13°32'N 81°47'W  
 (HNNM7695/86)

13 (INT 13) 1Ed. 9/25/82 LAST NM 10/86 39/86  
 Delete Depth 118 meters (PD) 4°15'S 34°50'W  
 (17(1276)86 Taunton)

13 (INT 13) 1Ed. 9/25/82 LAST NM 39/86 44/86  
 Add Submarine cable  
 joining 8°09.5'S 34°54.0'W  
 8°12.8'S 34°48.5'W  
 8°09.0'S 34°24.0'W  
 8°06.3'S 34°05.3'W  
 7°24.0'S 34°25.0'W  
 joining 8°08.3'S 34°54.2'W  
 8°11.6'S 34°18.5'W  
 8°08.0'S 33°54.0'W  
 7°47.5'S 33°03.4'W  
 (17(E253)86 Rio de Janeiro)

13 (INT 13) 1Ed. 9/25/82 LAST NM 44/86 47/86  
 Add Depth 1200 meters 20°25'N 53°28'W  
 (39(51)86 Brest)

13 (INT 13) 1Ed. 9/25/82 LAST NM 47/86 33/87  
 Delete R Bns 52°00'N 55°18'W  
 49°59'N 55°21'W  
 (23(385, 387)87 Ottawa)

13 (INT 13) 1Ed. 9/25/82 LAST NM 33/87 35/87  
 Delete Depth 31 meters 14°10'N 60°50'W  
 (6(81)87 Brest)

13 (INT 13) 1Ed. 9/25/82 LAST NM 35/87 48/88  
 Delete Depths  
 7 meters 18°31'N 84°12'W  
 24 meters 18°40'N 83°21'W  
 Add Depths  
 15 meters 18°21'N 84°19'W  
 28 meters 18°49'N 83°15'W  
 (MCNM8169/88)

13 (INT 13) 1Ed. 9/25/82 LAST NM 48/88 28/89  
 Add Depth 292 meters 55°08'N 34°55'W  
 (20(1536)89 Taunton)

13 (INT 13) 1Ed. 9/25/82 LAST NM 28/89 38/89  
 Delete R Bn at light 43°40'N 65°13'W  
 (31(662)89 Ottawa)

13 (INT 13) 1Ed. 9/25/82 LAST NM 38/89 23/90  
 Add Depth 18 meters 18°47'N 83°14'W  
 (25(58)89 Brest)

13 (INT 13) 1Ed. 9/25/82 LAST NM 23/90 28/90  
 Delete Depth 143 meters 7°46.0'N 56°49.0'W  
 and enclosing depth contour (MCNM1032/90)

13 (INT 13) 1Ed. 9/25/82 LAST NM 28/90 39/90  
 Delete Depth 9 meters "Rep (1980)" (PA) 3°58'S 35°50'W  
 (27(1940)90 Taunton)

13 (INT 13) 1Ed. 9/25/82 LAST NM 39/90 51/91  
 Delete Depth 130 meters 37°31'N 30°24'W  
 (38(27)91 Brest)

13 (INT 13) 1Ed. 9/25/82 LAST NM 51/91 22/92  
 Delete R Bn at lights 35°09'N 75°18'W  
 33°29'N 77°35'W  
 (17/92 CG5)

13 (INT 13) 1Ed. 9/25/82 LAST NM 22/92 49/93  
 Delete R Bn at light 32°12'N 64°50'W  
 (40(3377)93 Taunton)

13 (INT 13) 1Ed. 9/25/82 LAST NM 49/93 50/93  
 Delete R Bn at light 42°02'N 70°02'W  
 (44/93 CG1)

13 (INT 13) 1Ed. 9/25/82 LAST NM 50/93 51/93  
 Add Depth 29 meters enclosed by  
 depth contour (30-meter) 17°47'N 75°52'W  
 (33(533)93 Hamburg)

13 (INT 13) 1Ed. 9/25/82 LAST NM 51/93 4/94  
 Delete R Bn at light 24°40'N 82°54'W  
 (46/93 CG7)

13 (INT 13) 1Ed. 9/25/82 LAST NM 4/94 12/94  
 Delete R Bn at light 47°17'N 60°08'W  
 (2(66)94 Ottawa)

13 (INT 13) 1Ed. 9/25/82 LAST NM 12/94 32/94  
 Delete R Bn at light 21°52'N 84°57'W  
 Add Light symbol 22°14'N 83°34'W  
 (1(18), 2(36)94 Habana)

13 (INT 13) 1Ed. 9/25/82 LAST NM 32/94 34/94  
 Add Wreck (PA) 39°54'N 69°46'W  
 (22/94 CG1)

13 (INT 13) 1Ed. 9/25/82 LAST NM 34/94 53/94  
 Delete R Bn at light 40°38'N 73°12'W  
 (23/94 CG1)

13 (INT 13) 1Ed. 9/25/82 LAST NM 53/94 1/95  
 Delete R Bn at light 26°55'N 80°07'W  
 (47/94 CG7)

13 (INT 13) 1Ed. 9/25/82 LAST NM 1/95 2/95  
 Delete R Bn at light 30°22'N 81°23'W  
 (49/94 CG7)

13 (INT 13) 1Ed. 9/25/82 LAST NM 2/95 10/95  
 Delete R Bn at light 33°55'N 78°02'W  
 35°50'N 75°31'W  
 R Bn and light symbol 38°49'N 74°35'W  
 Add R Bn 38°48'N 75°05'W  
 (2/95 CG5; USCG LL)

<b>13</b> (INT 13)	1Ed. 9/25/82	LAST NM 10/95	11/95
Delete R Bn at light		41°09'N 71°35'W	
		40°25'N 73°50'W	
(4, 5/95 CG1)			
<b>13</b> (INT 13)	1Ed. 9/25/82	LAST NM 11/95	29/95
Add Depth 587 meters		6°21'N 32°58'W	
(14(56)95 Brest)			
<b>13</b> (INT 13)	1Ed. 9/25/82	LAST NM 29/95	1/96
Add Light symbol		6°03'S 35°07'W	
(20(217P)95 Rio de Janeiro)			
<b>13</b> (INT 13)	1Ed. 9/25/82	LAST NM 1/96	11/96
Add Light symbol		2°23'S 43°16'W	
(22(243)95 Rio de Janeiro)			
<b>13</b> (INT 13)	1Ed. 9/25/82	LAST NM 11/96	12/96
Delete R Bn at light		22°01'N 80°25'W	
(5(103)95 Habana)			
<b>13</b> (INT 13)	1Ed. 9/25/82	LAST NM 12/96	14/96
Delete R Bn at light		36°52'N 75°42'W	
R Bn		38°48'N 75°05'W	
		34°42'N 76°41'W	
(8/96 CG5; SMEA009/96)			
<b>13</b> (INT 13)	1Ed. 9/25/82	LAST NM 14/96	17/96
Delete Depth 104 meters		38°20'N 30°06'W	
(4(33)96 Brest)			
<b>13</b> (INT 13)	1Ed. 9/25/82	LAST NM 17/96	36/96
Delete R Bn at light		49°05'N 61°40'W	
(7(373)96 Ottawa)			
<b>13</b> (INT 13)	1Ed. 9/25/82	LAST NM 36/96	42/96
Delete R Bn at light		46°03'N 59°40'W	
		45°21'N 60°55'W	
(8(426, 430)96 Ottawa)			
<b>13</b> (INT 13)	1Ed. 9/25/82	LAST NM 42/96	51/96
Delete R Bn at light		27°35'N 82°40'W	
(GIMM050/96)			
<b>13</b> (INT 13)	1Ed. 9/25/82	LAST NM 51/96	23/97
Delete Purple circle at light		22°41'N 78°53'W	
(9(222)96 Habana)			
<b>13</b> (INT 13)	1Ed. 9/25/82	LAST NM 23/97	28/97
Delete R Bn at light		28°25'N 80°32'W	
(GIMM002/97)			
<b>13</b> (INT 13)	1Ed. 9/25/82	LAST NM 28/97	32/97
Delete R Bn at light		1°22'S 45°00'W	
(12(99)97 Rio de Janeiro)			
<b>13</b> (INT 13)	1Ed. 9/25/82	LAST NM 32/97	37/97
Delete Light symbol and R Bn		40°30'N 69°25'W	
(31/97 CG1)			
<b>13</b> (INT 13)	1Ed. 9/25/82	LAST NM 37/97	11/00
Delete R Bn at light		43°58'N 60°04'W	
(6(1137)99 Ottawa)			
<b>13</b> (INT 13)	1Ed. 9/25/82	LAST NM 11/00	27/04
Substitute Depth 26 meters for 8 meters		16°54'N 83°20'W	
(NTM0012/2004)			
<b>13</b> (INT 13)	1Ed. 9/25/82	LAST NM 27/04	26/05
Add Depth 1116 meters "Rep (2005)"		27°26'N 76°35'W	
(NTM0024/2005)			
<b>13</b> (INT 13)	1Ed. 9/25/82	LAST NM 26/05	10/08
Add Depth 104 meters enclosed by depth contour			
(200-meter)		38°19'N 30°06'W	
(10(1158)03 Taunton)			
<b>13</b> (INT 13)	1Ed. 9/25/82	LAST NM 10/08	23/09
Add Superbuoy ODAS [Q58] "41049" Y,			
Fl(4) Y 20s		27°30'N 63°00'W	
Superbuoy ODAS [Q58] "41044" Y,			
Fl(4) Y 20s		21°39'N 58°42'W	
(NTM0025/2009)			
<b>13</b> (INT 13)	1Ed. 9/25/82	LAST NM 23/09	29/09
Add Superbuoy ODAS [Q58] "42060" Y,			
Fl(4) Y 20s		16°30'N 63°30'W	
(NTM0025/2009)			
<b>13</b> (INT 13)	1Ed. 9/25/82	LAST NM 29/09	33/09
Add Depth 536 meters		32°13'N 77°44'W	
Depth 3968 meters		30°11'N 75°51'W	
(NTM0022/2009)			
<b>13</b> (INT 13)	1Ed. 9/25/82	LAST NM 33/09	34/09
Add Superbuoy ODAS [Q58] "41016" Y,			
Fl(4) Y 20s		24°38'N 76°31'W	
(20/09 CG7)			
<b>13</b> (INT 13)	1Ed. 9/25/82	LAST NM 34/09	45/09
Delete Superbuoy ODAS "41016"		24°38'N 76°31'W	
(Supersedes 34/09-13)			
(40/09 CG7)			
<b>13</b> (INT 13)	1Ed. 9/25/82	LAST NM 45/09	47/09
Add Superbuoy ODAS [Q58] "41040" Y,			
Fl(4) Y 20s		14°29'N 53°00'W	
Superbuoy ODAS [Q58] "41041" Y,			
Fl(4) Y 20s		14°21'N 46°00'W	
Superbuoy ODAS [Q58] "41043" Y,			
Fl(4) Y 20s		21°59'N 65°01'W	
Superbuoy ODAS [Q58] "41046" Y,			
Fl(4) Y 20s		24°00'N 71°00'W	
Superbuoy ODAS [Q58] "41047" Y,			
Fl(4) Y 20s (PA)		27°28'N 71°29'W	
Superbuoy ODAS [Q58] "41048" Y,			
Fl(4) Y 20s (PA)		31°59'N 69°39'W	
Superbuoy ODAS [Q58] "41420" Y,			
Fl(4) Y 20s		23°19'N 67°40'W	
Superbuoy ODAS [Q58] "41421" Y,			
Fl(4) Y 20s		23°24'N 63°54'W	
Superbuoy ODAS [Q58] "42059" Y,			
Fl(4) Y 20s		15°00'N 67°30'W	
Superbuoy ODAS [Q58] "42407" Y,			
Fl(4) Y 20s		15°16'N 68°14'W	
(41/09 CG7)			
<b>13</b> (INT 13)	1Ed. 9/25/82	LAST NM 47/09	31/13
Delete Depth 102 meters, blue tint and enclosing			
dotted-line circle in vicinity		43°37'N 38°47'W	
Add Depth 73 meters "Rep (2013)", blue tint and			
enclosing dotted-line circle centered [I3.2]		43°38'N 38°40'W	
(28(3099)13 Taunton)			
<b>13</b> (INT 13)	1Ed. 9/25/82	LAST NM 31/13	32/16
Substitute Depth 730 meters enclosed by depth contour			
(1000-meter) for 1110 meters		30°08'N 42°07'W	
(NTM0003/2016)			
<b>★14</b> (INT 14)	4Ed. 9/7/96	NEW EDITION	48/96
(NIMA)			
<b>14</b> (INT 14)	4Ed. 9/7/96	LAST NM 48/96	12/98
Add Depth 27 meters		36°43'N 11°10'W	
(14(142), 15(156)97 Lisboa)			

14 (INT 14) 4Ed. 9/7/96 LAST NM 12/98 5/99  
Delete RC at light 49°58.0'N 6°25.0'W  
58°31.0'N 6°15.0'W  
51°22.0'N 9°49.0'W  
55°19.0'N 8°15.0'W  
54°15.0'N 10°05.0'W  
  
(30/98 Trinity House; BA RA)

14 (INT 14) 4Ed. 9/7/96 LAST NM 5/99 18/99  
Delete RC at light 60°08'N 5°01'E  
61°02'N 4°30'E  
  
(1(67)99 Stavanger)

14 (INT 14) 4Ed. 9/7/96 LAST NM 18/99 48/00  
Delete RC at light 48°28'N 5°08'W  
(3(13)00 Brest)

14 (INT 14) 4Ed. 9/7/96 LAST NM 48/00 34/01  
Delete RC at light 37°01'N 9°00'W  
(4(145)00 Lisboa; Por LL)

14 (INT 14) 4Ed. 9/7/96 LAST NM 34/01 42/04  
Delete Depth 90 meters 54°00'N 13°10'W  
(NTM0019/2004)

14 (INT 14) 4Ed. 9/7/96 LAST NM 42/04 8/06  
Delete RC at light 33°35'N 7°40'W  
RC (AERO) 33°05'N 16°22'W  
(28(294)05 Cadiz)

14 (INT 14) 4Ed. 9/7/96 LAST NM 8/06 20/06  
Delete RC at light 35°48'N 5°56'W  
RC at light 42°54'N 9°12'W  
RC (AERO) 41°20'N 8°40'W  
(40(400)05 Cadiz; Spn LL)

14 (INT 14) 4Ed. 9/7/96 LAST NM 20/06 10/08  
Add Depth 213 meters enclosed by depth contour  
(1000-meter) 44°07'N 22°07'W  
Depth 104 meters enclosed by depth contour  
(200-meter) 38°19'N 30°06'W  
(10(1157, 1158)03 Taunton)

14 (INT 14) 4Ed. 9/7/96 LAST NM 10/08 40/08  
Add Superbuoy ODAS [Q58] "M4" Y, Fl(5) Y 20s 55°00'N 10°00'W  
Superbuoy ODAS [Q58] "M6" Y, Fl(5) Y 20s 53°04'N 15°56'W  
(42(4778)06, 24(2717)07 Taunton)

14 (INT 14) 4Ed. 9/7/96 LAST NM 40/08 8/12  
Delete Depth 11 meters and enclosing  
dotted-line circle centered 43°49'N 8°03'W  
(11(336)11 Lisboa)

14 (INT 14) 4Ed. 9/7/96 LAST NM 8/12 31/13  
Delete Depth 102 meters "(1864, 1936)" (ED), blue  
tint and enclosing dotted-line circle in vicinity 43°37'N 38°40'W  
  
Add Depth 73 meters "Rep (2013)", blue tint and  
enclosing dotted-line circle centered [I3.2] 43°38'N 38°40'W  
(28(3099)13 Taunton)

14 (INT 14) 4Ed. 9/7/96 LAST NM 31/13 32/16  
Substitute Depth 730 meters enclosed by depth contour  
(1000-meter) for 1110 meters 30°08'N 42°07'W  
(NTM0003/2016)

14 (INT 14) 4Ed. 9/7/96 LAST NM 32/16 38/16  
Delete Depth 808 meters and enclosing depth contours  
(2) in vicinity 36°25'N 25°11'W  
Depth 659 meters 40°21'N 29°55'W  
  
Add Depth 574 meters 40°22'N 29°43'W  
Superbuoy ODAS [Q58] "ODAS CSA 81" Y,  
Fl(5) Y 20s 36°24'N 8°04'W  
(18(133)13 Brest; 6(228)13, 6(233)14 Lisboa)

14 (INT 14) 4Ed. 9/7/96 LAST NM 38/16 41/16  
Delete Depth 17 meters and enclosing dotted-line  
circle centered 38°05'N 29°18'W  
(6(187)15 Lisboa)

14 (INT 14) 4Ed. 9/7/96 LAST NM 41/16 37/17  
Change Designation of superbuoy ODAS "24GB" to  
"K1" 48°43'N 12°26'W  
Designation of superbuoy ODAS "25GB" to  
"K2" 51°03'N 13°21'W  
  
Add Superbuoy ODAS [Q58] "PAP" Y, Fl(5) Y 20s  
49°00'N 16°22'W  
(UKHO ARCS 4102-0)

14 (INT 14) 4Ed. 9/7/96 LAST NM 37/17 38/17  
Delete Superbuoy ODAS 55°58'N 14°14'W  
  
Add Superbuoy ODAS [Q58] "K5" Y, Fl(5) Y 20s  
59°07'N 11°41'W  
Superbuoy ODAS [Q58] "K4" Y, Fl(5) Y 20s  
55°09'N 12°45'W  
(UKHO ARCS 4102-0)

14 (INT 14) 4Ed. 9/7/96 LAST NM 38/17 40/17  
Delete Depth 181 meters, blue tint and enclosing depth  
contour (200-meter) in vicinity 41°00'N 1°52'E  
  
Add Depth 717 meters 41°00'N 1°55'E  
(24(76)14 Brest)

14 (INT 14) 4Ed. 9/7/96 LAST NM 40/17 41/17  
Delete Depth 37 meters 37°28'N 25°36'W  
Depth 122 meters, blue tint and enclosing  
dotted-line circle in vicinity 38°39'N 26°56'W  
(2(281)16 Taunton)

★17 43Ed. 10/28/44 NEW EDITION 44/44  
(USHO)

17 43Ed. 10/28/44 LAST NM 44/44 8/87  
Change Note in lower left margin of chart to  
  
"Users should refer corrections,  
additions and comments for  
improving this product to:  
DIRECTOR, DEFENSE MAPPING  
AGENCY HYDROGRAPHIC/  
TOPOGRAPHIC CENTER, ATTN:  
PR, Washington, D.C. 20315-0030."  
(MCNM7880/87)

★20 (INT 20) 3Ed. 5/10/97 NEW EDITION 28/97  
(NIMA)

20 (INT 20) 3Ed. 5/10/97 LAST NM 28/97 32/97  
Delete R Bn at light 1°17'S 44°54'W  
(12(99)97 Rio de Janeiro)

20 (INT 20) 3Ed. 5/10/97 LAST NM 32/97 46/97  
Substitute Depth 359 meters for 424 meters 55°57'S 27°42'W  
  
Add Depth 146 meters 53°56'S 35°34'W  
(30(2705)97 Taunton)

20 (INT 20) 3Ed. 5/10/97 LAST NM 46/97 2/98  
Add Depth  
231 meters 53°56'S 52°29'W  
614 meters 54°03'S 51°34'W  
(47(4223)97 Taunton)

20 (INT 20) 3Ed. 5/10/97 LAST NM 2/98 11/98  
Delete R Bn (AERO) at light 11°00'S 37°04'W  
(GIMM002/98)

20 (INT 20) 3Ed. 5/10/97 LAST NM 11/98 45/99  
Add Depth [I10] 728 meters 47°23'S 12°57'W  
(6(64)99 Cape Town)



20 (INT 20)	3Ed. 5/10/97	LAST NM 45/99	9/00	Add	Depth 765 meters	32°03'S 32°45'W
Delete	Depth 13 meters	17°00'S 37°40'W		(NTM0004/2017)		
	Depth 12 meters and enclosing dotted-line circle centered (24(188)99 Rio de Janeiro)	17°00'S 37°00'W		★21 (INT 21)	4Ed. 3/30/96 NEW EDITION	22/96
				Delete	R Bn (AERO)	5°40'N 0°10'W 5°53'S 12°20'E
20 (INT 20)	3Ed. 5/10/97	LAST NM 9/00	18/03		R Bn (AERO) at light (DMA; BA RA)	2°47'S 10°01'E
Delete	R Bn (AERO)	4°50'N 52°22'W		21 (INT 21)	4Ed. 3/30/96 LAST NM 22/96	29/96
(7(56)00 Brest)				Substitute	Depth 234 meters for 303 meters	6°19'N 22°37'W
20 (INT 20)	3Ed. 5/10/97	LAST NM 18/03	25/07		762 meters for 1460 meters	6°10'N 24°52'W
Add	Depth 1589 meters enclosed by depth contour (2000-meter)	38°53'S 15°30'W		(23(1907)96 Taunton)		
	Depth 1350 meters enclosed by depth contour (2000-meter)	35°07'S 15°21'W		21 (INT 21)	4Ed. 3/30/96 LAST NM 29/96	7/98
	Depth 1706 meters enclosed by depth contour (2000-meter)	29°41'S 14°05'W		Delete	Depth 73 meters	30°55'S 15°04'E
	Depth 1542 meters enclosed by depth contour (2000-meter)	31°10'S 13°42'W		(39(3484)97 Taunton)		
	Depth 1528 meters enclosed by depth contour (2000-meter)	32°10'S 13°00'W		21 (INT 21)	4Ed. 3/30/96 LAST NM 7/98	35/98
	Depth 1337 meters enclosed by depth contour (2000-meter)	32°30'S 14°06'W		Add	Depth 1240 meters "Rep (1997)"	53°01'S 19°21'E
	Depth 1271 meters enclosed by depth contour (2000-meter)	33°42'S 14°19'W		(36(5401)98 St. Petersburg)		
	Depth 870 meters enclosed by dashed-line circle (NTM0011/2007)	34°38'S 15°18'W		21 (INT 21)	4Ed. 3/30/96 LAST NM 35/98	44/98
				Substitute	Depth 7 meters for 11 meters	31°41.0'S 8°22.0'E
20 (INT 20)	3Ed. 5/10/97	LAST NM 25/07	40/07	(6(462)98 Taunton)		
Add	Depth 512 meters	53°29'S 44°46'W		21 (INT 21)	4Ed. 3/30/96 LAST NM 44/98	45/99
	Depth 1615 meters	53°12'S 48°16'W		Delete	R Bn at light	22°54'S 14°26'E
	Depth 929 meters	53°04'S 46°35'W		Add	Depth [I10] 728 meters	47°23'S 12°57'W
	Depth 443 meters	54°20'S 40°02'W			Depth [I10] 546 meters	47°04'S 8°30'W
	Depth 1882 meters	55°38'S 43°11'W			Depth [I10] 584 meters	51°38'S 1°10'W
	Depth 110 meters, blue tint and enclosing depth contour (200-meter) centered (NTM0011/2007)	53°24'S 44°44'W			Depth [I10] 498 meters	54°25'S 4°40'E
					Depth [I10] 746 meters	53°46'S 6°32'E
					Depth [I10] 568 meters	50°03'S 4°57'E
					Depth [I10] 761 meters	53°15'S 9°59'E
					Depth [I10] 530 meters	53°19'S 22°10'E
				(5(53), 6(64)99 Cape Town)		
20 (INT 20)	3Ed. 5/10/97	LAST NM 40/07	19/08	21 (INT 21)	4Ed. 3/30/96 LAST NM 45/99	52/99
Add	Depth 492 meters "Rep (2007)"	32°02'S 32°47'W		Delete	Depth 49 meters	33°54'S 26°47'E
	"Depths to 70m rep (2007)" area bound by dashed line joining	29°41'S 36°25'W 30°18'S 35°31'W 30°35'S 33°47'W 31°32'S 34°27'W 31°22'S 35°36'W 30°49'S 36°54'W 30°08'S 36°54'W		(5(58)99 Cape Town)		
				21 (INT 21)	4Ed. 3/30/96 LAST NM 52/99	34/00
				Delete	R Bn at light	26°40'S 15°05'E
					R Bn at light	34°21'S 18°29'E
					R Bn at light	34°50'S 20°01'E
					R Bn at light	34°01'S 25°42'E
					R Bn (AERO) at light	33°02'S 27°54'E
				(3(36), 4(50)00 Cape Town)		
20 (INT 20)	3Ed. 5/10/97	LAST NM 19/08	4/09	21 (INT 21)	4Ed. 3/30/96 LAST NM 34/00	34/01
Delete	R Bn at light	38°05'S 57°32'W		Delete	Light	19°23'S 12°43'E
(7(84)08 Buenos Aires; BA LL)				Light		20°03'S 13°03'E
				(2(34)01 Cape Town)		
20 (INT 20)	3Ed. 5/10/97	LAST NM 4/09	7/10	21 (INT 21)	4Ed. 3/30/96 LAST NM 34/01	4/04
Add	"Depths to 404m rep (2009)" area bound by dashed line joining	53°23'S 49°53'W 53°16'S 49°31'W 53°31'S 49°31'W 53°31'S 49°53'W		Delete	Depth 95 meters and enclosing danger circle centered	33°15'S 16°39'E
				(11-12(75)03 Cape Town)		
				21 (INT 21)	4Ed. 3/30/96 LAST NM 4/04	13/07
20 (INT 20)	3Ed. 5/10/97	LAST NM 7/10	36/10	Add	Depth 232 meters enclosed by dotted-line circle	33°58'S 02°24'W
Delete	R Bn at light	38°59'S 61°18'W			Depth 768 meters	33°04'S 02°43'W
	R Bn at light	39°23'S 62°03'W		(NTM0014/2006)		
	R Bn at light	40°46'S 62°19'W		21 (INT 21)	4Ed. 3/30/96 LAST NM 13/07	25/07
	R Bn at light	42°47'S 63°39'W		Substitute	Depth 990 meters for 1360 meters	35°37'S 11°16'W
	R Bn at light	47°12'S 65°47'W		Add	Depth 1589 meters enclosed by depth contour (2000-meter)	38°53'S 15°30'W
	R Bn at light	52°18'S 68°22'W			Depth 1350 meters enclosed by depth contour (2000-meter)	35°07'S 15°21'W
(12(120)03 Buenos Aires)				(NTM0011/2007)		
20 (INT 20)	3Ed. 5/10/97	LAST NM 36/10	26/12			
Delete	R Bn from light	35°00'S 54°53'W				
(4(34)09 Buenos Aires)						
20 (INT 20)	3Ed. 5/10/97	LAST NM 26/12	18/17			
Delete	Depth 492 meters "Rep (2007)"	32°02'S 32°47'W				

<b>21</b> (INT 21)	4Ed. 3/30/96	LAST NM 13/07	26/07	39°28'S 5°50'W
Substitute	Depth 1271 meters for 1854 meters		33°42'S 14°19'W	39°42'S 5°50'W
				39°40'S 6°56'W
Add	Depth 1706 meters enclosed by dashed-line circle		29°41'S 14°05'W	
	Depth 1542 meters enclosed by dashed-line circle		31°10'S 13°42'W	"Shoal rep (2009)" area bound by dotted line joining
	Depth 1528 meters enclosed by dashed-line circle		32°10'S 13°00'W	42°03'S 0°40'W
	Depth 1337 meters enclosed by dashed-line circle		32°30'S 14°06'W	41°42'S 0°00'
	Depth 870 meters enclosed by dashed-line circle		34°38'S 15°18'W	42°31'S 0°00'
(NTM0011/2007)				42°31'S 0°40'W
				"Depths to 194m rep (2009)" blue tint area bound by dashed line joining
				42°23'S 1°48'W
				42°23'S 1°25'W
				42°37'S 1°25'W
				42°37'S 1°48'W
<b>21</b> (INT 21)	4Ed. 3/30/96	LAST NM 26/07	41/07	
Add	Depth 1091 meters		46°53'S 7°44'E	"Shoal rep (2009)" area bound by dotted line joining
	Depth 950 meters		54°15'S 1°38'E	42°43'S 2°27'W
	Depth 1327 meters		55°06'S 3°45'E	42°43'S 2°21'W
	Depth 1286 meters		55°25'S 6°05'E	42°50'S 2°21'W
(NTM0011/2007)				43°01'S 2°26'W
				43°01'S 2°38'W
				42°54'S 2°38'W
<b>21</b> (INT 21)	4Ed. 3/30/96	LAST NM 41/07	19/08	
Add	Danger circle [K1] "Shoal rep (2007)"		34°29'S 5°00'W	"Shoal rep (2009)" area bound by dotted line joining
	Depth 417 meters "Rep (2007)"		34°30'S 3°52'W	43°27'S 1°27'W
	Depth 344 meters "Rep (2007)"		33°15'S 0°30'W	43°27'S 1°02'W
				43°45'S 1°02'W
				43°45'S 1°25'W
	"Shoal rep (2007)" area bound by dotted line joining		32°49'S 2°53'W	43°38'S 1°37'W
			32°49'S 2°26'W	
			33°09'S 2°26'W	"Shoal rep (2009)" area bound by dotted line joining
			33°09'S 2°53'W	43°47'S 1°50'W
(NTM0009/2007)				43°47'S 1°26'W
				44°05'S 1°26'W
				44°05'S 1°50'W
<b>21</b> (INT 21)	4Ed. 3/30/96	LAST NM 19/08	35/08	
Add	Depth 556 meters "Rep (2007)"		34°49'S 4°25'W	"Shoal rep (2009)" area bound by dotted line joining
(NTM0009/2007)				41°41'S 0°00'
				41°56'S 0°35'E
				42°06'S 0°35'E
				42°24'S 0°00'
<b>★21</b> (INT 21)	4Ed. 3/30/96	LAST NM 35/08	18/09	
Add	Danger circle [K1] "Shoal rep (2008)", radius 7 miles, centered		43°01'S 1°18'E	"Depths to 174m rep (2009)" blue tint area bound by dashed line joining
	Danger circle [K1] "Shoal rep (2008)", radius 7 miles, centered		49°00'S 8°04'E	41°47'S 1°04'E
(NTM0009/2009)				41°47'S 1°30'E
				41°55'S 1°48'E
				42°08'S 1°34'E
				42°08'S 1°04'E
<b>21</b> (INT 21)	4Ed. 3/30/96	LAST NM 18/09	46/09	
Add	Depth 574 meters "Rep (2009)" [I3.2]		37°12'S 3°44'W	"Shoal rep (2009)" area bound by dotted line joining
	Depth 339 meters "Rep (2009)" [I3.2]		37°19'S 2°35'W	48°20'S 7°21'E
	Depth 317 meters "Rep (2009)" [I3.2]		38°52'S 5°48'W	47°48'S 8°50'E
(NTM0011/2009)				47°56'S 9°00'E
				48°41'S 7°52'E
				(NTM0011/2009)
<b>21</b> (INT 21)	4Ed. 3/30/96	LAST NM 46/09	48/09	
Substitute	Depth 128 meters for 143 meters		40°10'S 8°34'W	<b>21</b> (INT 21)
				4Ed. 3/30/96
Add	Depth 514 meters "Rep (2009)" [I3.2]		39°27'S 9°48'W	LAST NM 7/10
	Depth 315 meters "Rep (2009)" [I3.2]		46°34'S 6°05'W	Substitute
(NTM0011/2009)				Depth 144 meters for 150 meters
				(NTM0011/2009)
				29°38'S 14°18'E
<b>21</b> (INT 21)	4Ed. 3/30/96	LAST NM 48/09	7/10	
Add	Depth 445 meters "Rep (2009)" [I3.2]		42°12'S 2°14'E	<b>21</b> (INT 21)
	Depth 240 meters "Rep (2009)" [I3.2]		42°57'S 2°25'E	4Ed. 3/30/96
	Depth 269 meters "Rep (2009)" [I3.2]		48°23'S 7°09'E	LAST NM 16/10
				36/10
	"Depths to 253m rep (2009)" area bound by dashed-line circle, radius 7 miles, centered		49°14'S 7°43'E	Delete
	"Depths to 342m rep (2009)" area bound by dashed-line circle, radius 7 miles, centered		49°36'S 7°05'E	Depth 344 meters "Rep (2007)"
	"Depths to 395m rep (2009)" area bound by dashed-line circle, radius 7 miles, centered		49°39'S 6°36'E	33°15'S 0°30'W
	"Depths to 417m rep (2009)" area bound by dashed-line circle, radius 7 miles, centered		50°05'S 4°59'E	Add
	Depth 617 meters "Rep (2009)" [I3.2]		50°40'S 3°47'E	Depth 1062 meters enclosed by depth contour (2000-meter) centered
	Depth 595 meters "Rep (2009)" [I3.2]		53°45'S 6°25'E	(NTM0019/2010)
				33°16'S 0°29'W
	"Shoal rep (2009)" area bound by dotted line joining		39°14'S 8°10'W	<b>21</b> (INT 21)
			39°14'S 8°02'W	4Ed. 3/30/96
			39°25'S 7°42'W	LAST NM 36/10
			39°33'S 7°42'W	10/11
			39°33'S 7°50'W	Add
			39°20'S 8°10'W	Danger circle [K1] "Shoal rep (2011)"
				(NTM0010/2011)
				47°39'S 9°49'E
				<b>21</b> (INT 21)
				4Ed. 3/30/96
				LAST NM 10/11
				13/13
				Delete
				Danger circle "Shoal rep (2007)"
				(NTM0005/2013)
				34°29'S 5°00'W
				<b>21</b> (INT 21)
				4Ed. 3/30/96
				LAST NM 13/13
				34/13
				Delete
				Shoal "rep (2007)" area in vicinity
				Depth 768 meters
				Depth 417 meters "Rep (2007)"
				Depth 556 meters "Rep (2007)"
				32°59'S 2°39'W
				33°04'S 2°43'W
				34°30'S 3°52'W
				34°49'S 4°25'W
				Add
				Depth 497 meters enclosed by depth contour (1000-meter) centered
				(NTM0005/2013)
				33°04'S 2°46'W

21 (INT 21)	4Ed. 3/30/96	LAST NM 34/13	17/15	
Delete	Legend "Davie Seamount"	36°31'S 24°56'E		
Add	Legend "Davie Seamount" at depth 1056 meters	36°24'S 23°27'E		
	(NTM0012/2015)			
★22 (INT 22)	1Ed. 11/14/81	NEW CHART	2/82	
Add	Depth 638 meters	31°46'S 2°12'E		
	(DMAHTC; 44(2598)81 Taunton)			
22 (INT 22)	1Ed. 11/14/81	LAST NM 2/82	13/82	
Add	Depth 230 meters	26°12'S 6°15'E		
	(1(15)82 Cape Town)			
22 (INT 22)	1Ed. 11/14/81	LAST NM 13/82	21/82	
Delete	Depth 272 meters	1°10'N 30°19'W		
Add	Depths			
	275 meters	3°38'S 36°43'W		
	1680 meters	1°23'N 30°25'W		
	(15(132)81; 1(18)82 Rio de Janeiro)			
22 (INT 22)	1Ed. 11/14/81	LAST NM 21/82	22/82	
Substitute	Depth 49 meters for 19 meters	0°07'N 45°30'W		
	(15(133)81 Rio de Janeiro)			
22 (INT 22)	1Ed. 11/14/81	LAST NM 22/82	32/82	
Substitute	Depth 23 meters for 27 meters	17°50'S 35°58'W		
	(22(222)81 Rio de Janeiro)			
22 (INT 22)	1Ed. 11/14/81	LAST NM 32/82	45/82	
Delete	Danger circles "ED"	17°10'S 35°42'W		
		17°35'S 35°15'W		
	(12(114)82 Rio de Janeiro)			
22 (INT 22)	1Ed. 11/14/81	LAST NM 45/82	46/82	
Substitute	Depth 70 meters for 95 meters	9°43.9'S 12°48.3'W		
	(28(1714)82 Taunton)			
22 (INT 22)	1Ed. 11/14/81	LAST NM 46/82	47/82	
Delete	Light	0°43'S 8°41'E		
	(BA LL)			
22 (INT 22)	1Ed. 11/14/81	LAST NM 47/82	24/83	
Add	Light symbol	0°43'S 8°41'E		
	(Supersedes 47/82-22)			
	(9(41)83 Brest)			
22 (INT 22)	1Ed. 11/14/81	LAST NM 24/83	30/83	
Delete	Depth 22 meters	33°50'S 3°10'W		
	(5(40)83 Cape Town)			
22 (INT 22)	1Ed. 11/14/81	LAST NM 30/83	31/83	
Substitute	Depth 48 meters for 18 meters	3°26'S 35°03'W		
Add	Depth 27 meters	20°32'S 38°07'W		
	(NVS6978/83)			
22 (INT 22)	1Ed. 11/14/81	LAST NM 31/83	37/83	
Add	Depth 598 meters	30°40'S 35°27'W		
	(29(1876)83 Taunton)			
22 (INT 22)	1Ed. 11/14/81	LAST NM 37/83	43/83	
Relocate	R Bn (AERO) close NNE to	8°02'S 34°57'W		
	(14(119)83 Rio de Janeiro)			
22 (INT 22)	1Ed. 11/14/81	LAST NM 43/83	6/84	
Add	Depth 29 meters "Rep (1983)"	3°53'N 48°50'W		
	(22(202)83 Rio de Janeiro)			
22 (INT 22)	1Ed. 11/14/81	LAST NM 6/84	23/84	
Delete	Depth 256 meters	8°20'S 16°53'W		
Add	Depth 256 meters	8°28.8'S 17°04.6'W		
	(NVS7266/84)			
22 (INT 22)	1Ed. 11/14/81	LAST NM 23/84	24/84	
Add	Depth 146 meters	4°29'N 9°18'W		
	(BA CH 1365)			
22 (INT 22)	1Ed. 11/14/81	LAST NM 24/84	27/84	
Change	Legend "Kitona Base" to "Banana"	6°10'S 13°10'E		
	(17(1103)84 Taunton)			
22 (INT 22)	1Ed. 11/14/81	LAST NM 27/84	35/84	
Delete	Depth 214 meters	39°28'S 6°37'W		
Add	Depths			
	240 meters	39°27'S 7°58'W		
	176 meters	39°32'S 6°37'W		
	(28(1822)84 Taunton)			
22 (INT 22)	1Ed. 11/14/81	LAST NM 35/84	47/84	
Add	R Bn (AERO) (PA)	15°56'S 5°43'W		
	(30(1968)84 Taunton)			
22 (INT 22)	1Ed. 11/14/81	LAST NM 47/84	7/85	
Add	Depth 11 meters "Rep (1984)"	3°16'N 48°20'W		
	(NVS7387/85)			
22 (INT 22)	1Ed. 11/14/81	LAST NM 7/85	9/85	
Delete	Depths			
	124 meters	15°41.5'S 6°59.0'W		
	655 meters	42°29.0'S 1°29.0'W		
Add	Depths			
	105 meters	15°38.5'S 6°57.5'W		
	326 meters	42°33.0'S 1°31.0'W		
	(2(129)84 Taunton; 10(96)84 Cape Town)			
22 (INT 22)	1Ed. 11/14/81	LAST NM 9/85	17/85	
Add	Depths			
	22 meters	33°50.0'S 3°09.0'W		
	232 meters	33°58.0'S 2°25.0'W		
	(12(150)84 Rio de Janeiro)			
22 (INT 22)	1Ed. 11/14/81	LAST NM 17/85	33/85	
Add	Depth 35 meters	16°35.1'S 38°29.0'W		
	(7(69)85 Rio de Janeiro)			
22 (INT 22)	1Ed. 11/14/81	LAST NM 33/85	40/85	
Add	Depth			
	12 meters "Rep (1966)" (PA)	21°25.0'S 40°13.0'W		
	10 meters "Rep (1985)" (PA)	3°24.0'N 48°12.9'W		
	(HNNM7581, 7572/85)			
22 (INT 22)	1Ed. 11/14/81	LAST NM 40/85	42/85	
Add	R Bn with light flare symbol	20°30'S 29°20'W		
	(35(2351)85 Taunton)			
22 (INT 22)	1Ed. 11/14/81	LAST NM 42/85	15/86	
Substitute	Depth 143 meters for 150 meters	40°10'S 8°34'W		
	(2(24)86 Cape Town)			
22 (INT 22)	1Ed. 11/14/81	LAST NM 15/86	35/86	
Substitute	Depth 10 meters (PA) for 16 meters	3°19.0'N 48°08.0'W		
	(12(159)86 Rio de Janeiro)			
22 (INT 22)	1Ed. 11/14/81	LAST NM 35/86	39/86	
Delete	Depth 118 meters (PD)	4°15'S 34°55'W		
	(17(1276)86 Taunton)			
22 (INT 22)	1Ed. 11/14/81	LAST NM 39/86	45/86	
Add	Depth 1699 meters	37°41'S 16°03'E		
	(9(85)86 Cape Town)			
22 (INT 22)	1Ed. 11/14/81	LAST NM 45/86	28/87	
Add	Depth 153 meters "Rep (1987)"	27°17'S 39°03'W		
	(8(650)87 Taunton)			
22 (INT 22)	1Ed. 11/14/81	LAST NM 28/87	45/87	
Add	Light symbol, R Bn with legend			
	"Doringbaai"	31°49'S 18°14'E		
	(8(54)87 Cape Town)			

22 (INT 22) 1Ed. 11/14/81 LAST NM 45/87 6/88  
Delete Depth 35 meters 5°32'N 10°08'W  
(MCNM8046/88)

22 (INT 22) 1Ed. 11/14/81 LAST NM 6/88 26/88  
Add Legend "(ED)" to depth 78 meters 6°30'N 52°16'W  
(53(61)87 Brest)

22 (INT 22) 1Ed. 11/14/81 LAST NM 26/88 36/88  
Add Depth 159 meters 3°29'S 37°30'W  
(MCNM8136/88)

22 (INT 22) 1Ed. 11/14/81 LAST NM 36/88 38/88  
Add Depth 22 meters enclosed by  
danger circle (PA) 4°53'S 35°01'W  
(12(N183)88 Rio de Janeiro)

22 (INT 22) 1Ed. 11/14/81 LAST NM 38/88 20/89  
Add Depth 104 meters enclosed by  
danger circle "Rep (1988)" (PA) 20°43'S 32°15'W  
(20(E310)88 Rio de Janeiro)

22 (INT 22) 1Ed. 11/14/81 LAST NM 20/89 21/89  
Add Depth 90 meters 40°06'S 9°07'W  
(14(1105)89 Taunton)

22 (INT 22) 1Ed. 11/14/81 LAST NM 21/89 33/89  
Add Depth 213 meters 9°45'S 12°05'W  
(25(1880)89 Taunton)

22 (INT 22) 1Ed. 11/14/81 LAST NM 33/89 40/89  
Delete R Bns (AERO) 1°23'S 48°28'W  
5°10'S 37°21'W  
8°02'S 34°57'W  
  
(10(G152)89 Rio de Janeiro)

22 (INT 22) 1Ed. 11/14/81 LAST NM 40/89 8/90  
Delete R Bn (AERO) at light 4°15'N 7°43'W  
(44(3315)89 Taunton)

22 (INT 22) 1Ed. 11/14/81 LAST NM 8/90 26/90  
Delete R Bn (AERO) 5°40'N 0°04'E  
(MCNM1027/90)

22 (INT 22) 1Ed. 11/14/81 LAST NM 26/90 28/90  
Delete Depth 143 meters  
and enclosing depth contour 7°46.0'N 56°49.0'W  
(MCNM1032/90)

22 (INT 22) 1Ed. 11/14/81 LAST NM 28/90 31/90  
Add Depth 7 meters 17°10'S 37°01'W  
(15(1181)90 Taunton)

22 (INT 22) 1Ed. 11/14/81 LAST NM 31/90 39/90  
Delete Depth 9 meters "P.A." 4°00'S 36°04'W  
(27(1940)90 Taunton)

22 (INT 22) 1Ed. 11/14/81 LAST NM 39/90 47/90  
Substitute Depth 26 meters for 29 meters 35°02'S 19°56'E  
(26(1851)90 Taunton)

22 (INT 22) 1Ed. 11/14/81 LAST NM 47/90 51/90  
Delete Depth 18 meters 5°29'N 0°36'E  
(34(2403)90 Taunton)

22 (INT 22) 1Ed. 11/14/81 LAST NM 51/90 16/91  
Add Legend "Volcanic Activity Rep (1989)"  
to depth 90 meters 40°06'S 9°07'W  
(MCNM1046/90)

22 (INT 22) 1Ed. 11/14/81 LAST NM 16/91 17/91  
Add Depth 677 meters 43°00'S 2°31'W  
(MCNM1079/91)

22 (INT 22) 1Ed. 11/14/81 LAST NM 17/91 18/91  
Add Depths 701 meters 6°28'S 1°12'E  
661 meters 9°30'S 0°28'W  
(7(499)91 Taunton)

22 (INT 22) 1Ed. 11/14/81 LAST NM 18/91 29/91  
Substitute Depth 1300 meters for 1800 meters 42°45'S 7°46'W  
(5(31)91 Cape Town)

22 (INT 22) 1Ed. 11/14/81 LAST NM 29/91 50/91  
Delete Depth 152 meters 36°15'S 20°50'E

Add Depth 112 meters 36°29'S 20°54'E  
(27(1951)91 Taunton)

22 (INT 22) 1Ed. 11/14/81 LAST NM 50/91 4/92  
Add Depth 576 meters 19°26'S 10°07'E  
(34(2452)91 Taunton)

22 (INT 22) 1Ed. 11/14/81 LAST NM 4/92 29/93  
Delete Light 0°38'S 8°42'E  
(BA LL)

22 (INT 22) 1Ed. 11/14/81 LAST NM 29/93 36/93  
Delete R Bn (AERO) 0°23'N 6°42'E

Add Depth 269 meters 38°45'S 11°42'W  
(6(49)93 Cape Town; BA RA)

22 (INT 22) 1Ed. 11/14/81 LAST NM 36/93 51/93  
Delete R Bn 0°46'N 50°07'W  
(19(165)93 Rio de Janeiro)

22 (INT 22) 1Ed. 11/14/81 LAST NM 51/93 30/94  
Add Depth 2.4 meters enclosed by  
danger circle 20°03.5'S 37°07.5'W  
(9(83)94 Rio de Janeiro)

22 (INT 22) 1Ed. 11/14/81 LAST NM 30/94 43/94  
Delete Depth 2.4 meters and enclosing  
danger circle 20°03.5'S 37°07.5'W  
(Cancels 30/94-22)  
(9(83)94 Rio de Janeiro)

22 (INT 22) 1Ed. 11/14/81 LAST NM 43/94 29/95  
Add Depth 587 meters 6°21'N 32°58'W  
(14(56)95 Brest)

22 (INT 22) 1Ed. 11/14/81 LAST NM 29/95 1/96  
Add Light symbol 6°03'S 35°07'W  
(20(217P)95 Rio de Janeiro)

22 (INT 22) 1Ed. 11/14/81 LAST NM 1/96 8/96  
Add Light symbol 31°53'S 51°46'W  
(11(132)95 Rio de Janeiro)

22 (INT 22) 1Ed. 11/14/81 LAST NM 8/96 11/96  
Add Light symbol 2°23'S 43°16'W  
(22(243)95 Rio de Janeiro)

22 (INT 22) 1Ed. 11/14/81 LAST NM 11/96 29/96  
Add Depth 234 meters 6°19'N 22°37'W  
762 meters 6°10'N 24°52'W  
(23(1907)96 Taunton)

22 (INT 22) 1Ed. 11/14/81 LAST NM 29/96 32/97  
Delete R Bn at light 1°17'S 44°54'W  
(12(99)97 Rio de Janeiro)

22 (INT 22) 1Ed. 11/14/81 LAST NM 32/97 7/98  
Delete Depth 73 meters 30°55'S 15°08'E  
(39(3484)97 Taunton)

22 (INT 22)	1Ed. 11/14/81	LAST NM 7/98	11/98		
Delete	R Bn (AERO) at light		11°00'S 37°04'W		
					(GIMM002/98)
22 (INT 22)	1Ed. 11/14/81	LAST NM 11/98	44/98		
Substitute	Depth 7 meters for 11 meters		31°41.0'S 8°22.0'E		
					(6(462)98 Taunton)
22 (INT 22)	1Ed. 11/14/81	LAST NM 44/98	45/99		
Delete	R Bn at light		22°54'S 14°26'E		
					(5(53)99 Cape Town)
22 (INT 22)	1Ed. 11/14/81	LAST NM 45/99	9/00		
Delete	Depth 13 meters		16°59'S 37°40'W		
	Depth 12 meters and enclosing dotted-line circle centered		17°00'S 37°00'W		
					(24(188)99 Rio de Janeiro)
22 (INT 22)	1Ed. 11/14/81	LAST NM 9/00	34/00		
Delete	R Bn at light		26°40'S 15°05'E		
	R Bn at light		31°49'S 18°20'E		
	R Bn at light		34°21'S 18°29'E		
	R Bn at light		34°50'S 20°01'E		
	R Bn at light		34°13'S 24°50'E		
	R Bn at light		34°02'S 25°42'E		
	R Bn at light		33°02'S 27°54'E		
	R Bn		34°25'S 20°50'E		
	R Bn (AERO)		34°11'S 22°09'E		
					(3(36), 4(50)00 Cape Town)
22 (INT 22)	1Ed. 11/14/81	LAST NM 34/00	18/03		
Delete	R Bn (AERO)		4°50'N 52°22'W		
					(7(56)00 Brest)
22 (INT 22)	1Ed. 11/14/81	LAST NM 18/03	4/04		
Delete	Depth 95 meters and enclosing danger circle centered		33°12'S 16°39'E		
					(11-12(75)03 Cape Town)
22 (INT 22)	1Ed. 11/14/81	LAST NM 4/04	11/06		
Add	Depth 380 meters		30°48'S 35°18'W		
	Depth 549 meters		33°35'S 31°12'W		
	Depth 996 meters		33°40'S 30°56'W		
					(NTM0014/2006)
22 (INT 22)	1Ed. 11/14/81	LAST NM 11/06	13/07		
Delete	Depth 22 meters		33°50'S 4°09'W		
	Depth 887 meters		33°42'S 3°40'W		
Add	Depth 1620 meters		33°33'S 0°52'W		
	Depth 1284 meters		34°08'S 1°52'W		
	Depth 1087 meters		34°40'S 4°27'W		
	Depth 918 meters		34°33'S 3°47'W		
	Depth 775 meters		33°52'S 3°34'W		
	Depth 768 meters		33°04'S 2°43'W		
	Depth 1567 meters		32°58'S 5°08'W		
	Depth 2648 meters		31°17'S 0°37'W		
					(NTM0014/2006)
22 (INT 22)	1Ed. 11/14/81	LAST NM 13/07	19/08		
Add	Danger circle [K1] "Shoal rep (2007)"		34°29'S 5°00'W		
	Depth 417 meters "Rep (2007)"		34°30'S 3°52'W		
	Depth 344 meters "Rep (2007)"		33°15'S 0°30'W		
	Depth 492 meters "Rep (2007)"		32°02'S 32°47'W		
	"Shoal rep (2007)" area bound by dotted line joining		32°49'S 2°53'W		
			32°49'S 2°26'W		
			33°09'S 2°26'W		
			33°09'S 2°53'W		
	"Depths to 70m rep (2007)" area bound by dashed line joining		29°41'S 36°25'W		
			30°18'S 35°31'W		
			30°35'S 33°47'W		
			31°32'S 34°27'W		
			31°22'S 35°36'W		
			30°49'S 36°54'W		
			30°08'S 36°54'W		
					(NTM0009/2007)
22 (INT 22)	1Ed. 11/14/81	LAST NM 19/08	35/08		
Add	Depth 556 meters "Rep (2007)"		34°49'S 4°25'W		
					(NTM0009/2007)
22 (INT 22)	1Ed. 11/14/81	LAST NM 35/08	4/09		
Delete	R Bn at light		38°05'S 57°32'W		
					(7(84)08 Buenos Aires; BA LL)
22 (INT 22)	1Ed. 11/14/81	LAST NM 4/09	46/09		
Add	Depth 574 meters "Rep (2009)" [I3.2]		37°12'S 3°44'W		
	Depth 339 meters "Rep (2009)" [I3.2]		37°19'S 2°35'W		
	Depth 317 meters "Rep (2009)" [I3.2]		38°52'S 5°48'W		
					(NTM0011/2009)
22 (INT 22)	1Ed. 11/14/81	LAST NM 46/09	48/09		
Substitute	Depth 128 meters for 143 meters		40°10'S 8°34'W		
Add	Depth 514 meters "Rep (2009)" [I3.2]		39°27'S 9°48'W		
					(NTM0011/2009)
22 (INT 22)	1Ed. 11/14/81	LAST NM 48/09	7/10		
Add	Depth 445 meters "Rep (2009)" [I3.2]		42°12'S 2°14'E		
	Depth 240 meters "Rep (2009)" [I3.2]		42°57'S 2°25'E		
	"Shoal rep (2009)" area bound by dotted line joining		39°14'S 8°10'W		
			39°14'S 8°02'W		
			39°25'S 7°42'W		
			39°33'S 7°42'W		
			39°33'S 7°50'W		
			39°20'S 8°10'W		
	"Shoal rep (2009)" area bound by dotted line joining		39°22'S 6°56'W		
			39°22'S 6°21'W		
			39°28'S 5°50'W		
			39°42'S 5°50'W		
			39°40'S 6°56'W		
	"Shoal rep (2009)" area bound by dotted line joining		42°03'S 0°40'W		
			41°42'S 0°00'		
			42°31'S 0°00'		
			42°31'S 0°40'W		
	"Depths to 194m rep (2009)" blue tint area bound by dashed line joining		42°23'S 1°48'W		
			42°23'S 1°25'W		
			42°37'S 1°25'W		
			42°37'S 1°48'W		
	"Shoal rep (2009)" area bound by dotted line joining		42°43'S 2°27'W		
			42°43'S 2°21'W		
			42°50'S 2°21'W		
			43°00'S 2°26'W		
			43°00'S 2°38'W		
			42°54'S 2°38'W		
	"Shoal rep (2009)" area bound by dotted line joining		41°41'S 0°00'		
			41°56'S 0°35'E		
			42°06'S 0°35'E		
			42°24'S 0°00'		
	"Depths to 174m rep (2009)" blue tint area bound by dashed line joining		41°47'S 1°04'E		
			41°47'S 1°30'E		
			41°55'S 1°48'E		
			42°08'S 1°34'E		
			42°08'S 1°04'E		
					(NTM0011/2009)
22 (INT 22)	1Ed. 11/14/81	LAST NM 7/10	16/10		
Substitute	Depth 144 meters for 150 meters		29°38'S 14°18'W		
					(NTM0011/2009)
22 (INT 22)	1Ed. 11/14/81	LAST NM 16/10	36/10		
Delete	Depth 344 meters "Rep (2007)"		33°15'S 0°30'W		
Add	Depth 1062 meters enclosed by depth contour (2000-meter) centered		33°16'S 0°29'W		
					(NTM0019/2010)
22 (INT 22)	1Ed. 11/14/81	LAST NM 36/10	26/12		
Delete	R Bn from light		35°00'S 54°51'W		
					(4(34)09 Buenos Aires)

22 (INT 22) 1Ed. 11/14/81 LAST NM 26/12 13/13  
Delete Danger circle "Shoal rep (2007)" 34°29'S 5°00'W  
(NTM0005/2013)

22 (INT 22) 1Ed. 11/14/81 LAST NM 13/13 34/13  
Delete Shoal "rep (2007)" area in vicinity 32°59'S 2°39'W  
Depth 768 meters 33°04'S 2°43'W  
Depth 417 meters "Rep (2007)" 34°30'S 3°52'W  
Depth 556 meters "Rep (2007)" 34°49'S 4°25'W

Add Depth 497 meters enclosed by depth contour  
(1000-meter) centered 33°04'S 2°46'W  
(NTM0005/2013)

22 (INT 22) 1Ed. 11/14/81 LAST NM 34/13 18/17  
Delete Depth 492 meters "Rep (2007)" 32°02'S 32°47'W

Add Depth 765 meters 32°03'S 32°45'W  
(NTM0004/2017)

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★24 20Ed. 12/6/20 NEW EDITION 49/20  
(USHO)

24 20Ed. 12/6/20 LAST NM 49/20 8/87  
Change Note in lower left margin of chart to  
"Users should refer corrections,  
additions, and comments for  
improving this product to:  
DIRECTOR, DEFENSE MAPPING  
AGENCY HYDROGRAPHIC/  
TOPOGRAPHIC CENTER, ATTN:  
PR, Washington, D.C. 20315-0030."  
(MCNM7880/87)

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★50 (INT 50) 9Ed. 12/15 NEW EDITION 8/16  
(NOS)

50 (INT 50) 9Ed. 12/15 LAST NM 8/16 6/17  
Delete Superbuoy DART "46402" 51°04'N 164°01'W

Change Color of superbuoy DART "46403" to Y 52°39'N 156°56'W

Add Superbuoy DART [Q58] "46402" Y,  
Fl(4) Y 20s 51°01'N 164°04'W  
(9/16 CG17)

50 (INT 50) 9Ed. 12/15 LAST NM 6/17 14/17  
Relocate Superbuoy ODAS "46078" from  
55°59'N 152°41'W to 55°33'N 152°38'W  
(6/17 CG17)

★50 (INT 50) 9Ed. 12/15 LAST NM 14/17 37/17  
Delete Legend "ODAS 46005 PA" 46°22'N 131°01'W

Relocate Buoy ODAS "46005" from  
45°58'N 131°00'W to 46°08'N 131°04'W  
(24/17 CG13)

★50 (INT 50) 9Ed. 12/15 LAST NM 37/17 50/17  
Relocate Buoy "46001" from 56°20'N 147°57'W to  
56°14'N 147°57'W  
(35/17 CG17)

★50 (INT 50) 9Ed. 12/15 LAST NM 50/17 6/19  
Relocate Superbuoy ODAS "51001" from  
23°27'N 162°17'W to 24°27'N 162°00'W  
(47/18 CG14)

★50 (INT 50) 9Ed. 12/15 LAST NM 6/19 11/19  
Delete Superbuoy ODAS "51100" 23°33'N 153°54'W  
(7/19 CG14)

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★51 (INT 51) 1Ed. 2/6/82 NEW CHART 18/82  
(DMAHTC)

51 (INT 51) 1Ed. 2/6/82 LAST NM 18/82 52/82  
Add Depth 109 meters "Rep (1982)" 5°05'N 108°18'W  
(NVS6821/82)

51 (INT 51) 1Ed. 2/6/82 LAST NM 52/82 3/83  
Add Depth 46 meters "Rep (1981)" (PA) 29°33.0'N 116°28.0'W  
(NVS6837/82)

51 (INT 51) 1Ed. 2/6/82 LAST NM 3/83 13/83  
Delete Depth 2793 meters 22°50'N 117°22'W

Substitute Depth 439 meters for 521 meters 13°28'N 119°49'W

Add Depths  
3902 meters 23°03'N 117°22'W  
695 meters 28°45'N 116°00'W  
388 meters 25°39'N 119°20'W  
543 meters 15°20'N 110°56'W  
(NVS6883/83)

51 (INT 51) 1Ed. 2/6/82 LAST NM 13/83 22/83  
Add Depth 19 meters "Rep (1983)" 10°05.6'N 87°09.5'W  
(NVS6930/83)

51 (INT 51) 1Ed. 2/6/82 LAST NM 22/83 37/83  
Add Depth 302 meters "Rep (1983)" 19°11.5'N 105°00.0'W  
(NVS7017/83)

51 (INT 51) 1Ed. 2/6/82 LAST NM 37/83 43/83  
Substitute Depth 803 meters for 244 meters 29°13'N 116°19'W  
(NVS6883/83)

51 (INT 51) 1Ed. 2/6/82 LAST NM 43/83 48/83  
Substitute Depths  
270 meters for 215 meters 0°13'S 88°43'W  
184 meters for 197 meters 7°32'N 84°02'W

Add Depths  
549 meters 7°45'N 85°52'W  
925 meters 7°19'N 85°41'W  
887 meters 7°40'N 84°45'W  
439 meters 3°18'N 88°17'W  
(NVS6906/83)

51 (INT 51) 1Ed. 2/6/82 LAST NM 48/83 52/83  
Add Depth 68 meters "Rep (1983)" 12°25'N 88°17'W  
(NVS0011/83)

51 (INT 51) 1Ed. 2/6/82 LAST NM 52/83 1/84  
Add Depth 357 meters (PA) 6°59'N 81°42'W  
(NVS7138/83)

51 (INT 51) 1Ed. 2/6/82 LAST NM 1/84 7/84  
Add Chartlet, depicting changes in  
hydrography, from back of Section I 30°30'N 123°20'W  
(US CH E1306)

51 (INT 51) 1Ed. 2/6/82 LAST NM 7/84 17/84  
Delete Light 9°32'N 85°06'W  
(NVS7233/84)

51 (INT 51) 1Ed. 2/6/82 LAST NM 17/84 6/85  
Substitute Depths  
1518 meters for 518 meters 7°02'N 161°55'W  
1327 meters for 1827 meters 5°00'N 161°10'W  
(NVS7383/85)

51 (INT 51) 1Ed. 2/6/82 LAST NM 6/85 19/85  
Add Depth 225 meters "Rep (1984)" 9°29'N 160°58'W  
(NVS7391/85)

51 (INT 51) 1Ed. 2/6/82 LAST NM 19/85 34/85  
Add Purple dashed lines  
(recommended route)  
between 35°00'N 123°00'W  
40°00'N 126°40'W

between 35°00'N 123°23'W  
40°00'N 127°00'W

between 37°58'N 123°03'W  
39°53'N 126°31'W

(continued on next page)

51 (Continued)		34/85	
between	40°06'N 127°05'W 37°55'N 123°05'W		
NOTE			
“NOTE A			
US Trans-Alaskan Pipeline System (TAPs) routes are recommended for safe routing of tank vessels between the Port of Valdez AK and US west coast ports. These are not IMO adopted recommended routes.”	33°30'N 105°00'W		
Legend “See Note A”	38°00'N 125°20'W		
Purple open-outlined arrows indicating flow of traffic oriented			
330.1°	38°00'N 124°40'W		
150.1°	38°00'N 126°00'W		
305.5°	39°10'N 124°40'W		
125.2°	38°30'N 124°40'W		
(HNNM7457/85)			
51 (INT 51)	1Ed. 2/6/82 LAST NM 34/85	5/87	
Add Superbuoy ODAS “32301”, yellow, Fl(4) Y 20s	9°50.5'S 105°09.0'W		
(MCNM7785/86)			
★51 (INT 51)	1Ed. 2/6/82 LAST NM 5/87	36/87	
Add Light flare symbols	19°31'N 154°49'W 20°15'N 155°46'W 21°35'N 158°16'W		
Superbuoys, each ODAS, yellow, Fl(4) Y 20s			
“51001”	23°26'N 162°18'W		
“51002”	17°11'N 157°50'W		
“51003”	19°11'N 160°49'W		
“51004”	17°32'N 152°37'W		
“51005”	20°21'N 156°04'W		
(26/87 CG14)			
51 (INT 51)	1Ed. 2/6/82 LAST NM 36/87	15/88	
Delete Depth 62 meters	6°40.0'S 81°20.0'W		
(3(269)88 Taunton)			
51 (INT 51)	1Ed. 2/6/82 LAST NM 15/88	19/88	
Add Depth 74 meters “Rep (1987)” (PA) (ED)	36°18'N 163°16'W		
(MCNM8089/88)			
51 (INT 51)	1Ed. 2/6/82 LAST NM 19/88	36/88	
Delete Depth 42 meters	4°58'S 82°10'W		
(MCNM8141/88)			
51 (INT 51)	1Ed. 2/6/82 LAST NM 36/88	39/88	
Substitute Depth 626 meters for 1544 meters	16°03'N 108°39'W		
(MCNM8144/88)			
51 (INT 51)	1Ed. 2/6/82 LAST NM 39/88	44/88	
Delete R Bn at light	6°52'S 80°45'W		
(5(31)88 Callao)			
51 (INT 51)	1Ed. 2/6/82 LAST NM 44/88	27/89	
Delete Purple dashed lines (recommended route) and directional arrows between	38°00'N 123°00'W 40°00'N 127°00'W		
between	40°00'N 127°00'W 35°00'N 123°20'W		
Legend “See Note A”	38°00'N 125°20'W		
Note A	33°30'N 105°00'W		
(MCNM1068/89)			
51 (INT 51)	1Ed. 2/6/82 LAST NM 27/89	31/90	
Add R Bn (AERO)	8°50.0'S 140°13.0'W		
(10(45)90 Brest)			
51 (INT 51)	1Ed. 2/6/82 LAST NM 31/90	39/90	
Add Depth 17 meters “Rep (1989)” enclosed by danger circle	14°37'N 93°57'W		
(30(2165)90 Taunton)			
51 (INT 51)	1Ed. 2/6/82 LAST NM 39/90	13/91	
Add Depth 532 meters “Rep (1990)”	4°25.2'S 109°58.3'W		
(MCNM1079/91)			
51 (INT 51)	1Ed. 2/6/82 LAST NM 13/91	22/91	
Relocate Superbuoy ODAS “51004” (17°32'N 152°37'W) to	17°32'N 152°28'W		
(10/91 CG14)			
51 (INT 51)	1Ed. 2/6/82 LAST NM 22/91	13/92	
Relocate Superbuoy ODAS “51004” (17°32'N 152°28'W) to	17°26'N 152°30'W		
(See 22/91-51)			
(10/92 CG14)			
51 (INT 51)	1Ed. 2/6/82 LAST NM 13/92	26/93	
Delete Superbuoy ODAS “51005”	20°21.0'N 156°04.3'W		
(19/93 CG14)			
51 (INT 51)	1Ed. 2/6/82 LAST NM 26/93	33/93	
Add R Bn (AERO)	10°23'S 161°00'W		
(24(184)93 Auckland)			
51 (INT 51)	1Ed. 2/6/82 LAST NM 33/93	18/94	
Delete R Bn at light	37°42'N 123°00'W		
(12/94 CG11)			
51 (INT 51)	1Ed. 2/6/82 LAST NM 18/94	13/95	
Delete R Bn at light	34°01'N 119°22'W 34°35'N 120°39'W 36°18'N 121°54'W 38°57'N 123°45'W		
(USCG LL)			
51 (INT 51)	1Ed. 2/6/82 LAST NM 13/95	26/95	
Delete R Bn at light	32°40'N 117°15'W		
(20/95 CG11)			
51 (INT 51)	1Ed. 2/6/82 LAST NM 26/95	27/95	
Delete R Bn at light	37°11'N 122°24'W		
(21/95 CG11)			
51 (INT 51)	1Ed. 2/6/82 LAST NM 27/95	35/95	
Add Depth 710 meters	12°02'S 148°29'W		
(21(16)95 Brest)			
51 (INT 51)	1Ed. 2/6/82 LAST NM 35/95	36/96	
Delete R Bn (AERO)	8°50.0'S 140°13.0'W		
(BA RA)			
51 (INT 51)	1Ed. 2/6/82 LAST NM 36/96	52/96	
Add Depth 54 meters	10°13'S 137°55'W		
(Fr CH 7371)			
51 (INT 51)	1Ed. 2/6/82 LAST NM 52/96	36/97	
Delete R Bn at light	1°50'N 78°41'W 3°45'N 77°05'W 4°15'N 77°29'W		
(12/97 Bogota)			
51 (INT 51)	1Ed. 2/6/82 LAST NM 36/97	29/00	
Add Depth 3639 meters “Rep (2000)” (PA)	20°34'N 159°23'W		
(NTM0013/2000)			
51 (INT 51)	1Ed. 2/6/82 LAST NM 29/00	31/00	
Add Depth 448 meters “Rep (2000)”	20°24'N 157°01'W		
(NTM0013/2000)			
51 (INT 51)	1Ed. 2/6/82 LAST NM 31/00	32/00	
Substitute Depth 27 meters for 20 meters	8°22'S 140°54'W		
Depth 49 meters for 38 meters	7°55'S 140°58'W		
(4(21)99 Brest)			
51 (INT 51)	1Ed. 2/6/82 LAST NM 32/00	15/01	
Delete Islet	7°54'S 140°23'W		
(44(52)00 Brest)			

51 (INT 51) 1Ed. 2/6/82 LAST NM 15/01 7/02  
Delete Legend "Depths 3 to 6 meters Rep (1960)"  
8°02'S 137°30'W  
Substitute Depth 9 meters for 11 meters 8°05'S 139°38'W  
Depth 14 meters for 17 meters 8°42'S 140°46'W  
(13(41)01 Brest)

51 (INT 51) 1Ed. 2/6/82 LAST NM 7/02 26/05  
Add Depth 3968 meters "Rep (2004)" 19°01'N 134°33'W  
(NTM0025/2005)

51 (INT 51) 1Ed. 2/6/82 LAST NM 26/05 33/05  
Add Depth 457 meters 21°44'N 158°38'W  
(NTM0013/2005)

51 (INT 51) 1Ed. 2/6/82 LAST NM 33/05 18/06  
Substitute Depth 62 meters for 75 meters 32°39'N 117°58'W  
Add Depth 89 meters 32°05'N 118°10'W  
(NTM0023/2006)

51 (INT 51) 1Ed. 2/6/82 LAST NM 18/06 1/07  
Add Legend "Lesser depths to 318m rep" 12°25'N 91°45'W  
(NTM0042/2006)

51 (INT 51) 1Ed. 2/6/82 LAST NM 1/07 4/07  
Delete Depth 388 meters 25°39'N 119°20'W  
Substitute Depth 230 meters for 256 meters and enclosing  
dotted-line circle 5°29'N 88°34'W  
Add Depth 399 meters 25°20'N 119°31'W  
Depth 737 meters 25°42'N 119°38'W  
(NTM0042/2006)

51 (INT 51) 1Ed. 2/6/82 LAST NM 4/07 8/07  
Delete Depth 16 meters, blue tint and enclosing  
danger circle 16°32'N 116°50'W  
(NTM0004/2007)

51 (INT 51) 1Ed. 2/6/82 LAST NM 8/07 45/07  
Substitute Depth 237 meters for 230 meters 5°29'N 88°34'W  
(See 4/07-51)  
(NTM0026/2007)

51 (INT 51) 1Ed. 2/6/82 LAST NM 8/07 47/07  
Add Depth 679 meters 8°19'N 85°01'W  
(NTM0026/2007)

51 (INT 51) 1Ed. 2/6/82 LAST NM 47/07 50/07  
Add Depth 705 meters 3°52'N 89°14'W  
(NTM0026/2007)

51 (INT 51) 1Ed. 2/6/82 LAST NM 50/07 7/08  
Add Depth 656 meters "Rep (2007)" 1°17'N 159°57'W  
Danger circle [K40] "Shoal Rep (2007)" 8°10'N 160°06'W  
(NTM0003/2008)

P 51 (INT 51) 1Ed. 2/6/82 LAST NM 7/08 10/08  
Delete Purple composite-line circle (area to be  
avoided) centered 23°03'N 161°55'W  
Purple composite-line arc of a circle (area to be  
avoided) in vicinity 23°40'N 164°00'W  
Legend "AREAS TO BE AVOIDED" 24°15'N 162°50'W  
Add Purple dashed line (reporting area outer limit)  
[N1.2] between 24°28'N 164°00'W  
24°02'N 161°41'W  
Purple dashed-line arc of a circle (reporting  
area outer limit) [N1.2], radius 60 miles,  
centered 23°03'N 161°55'W  
arc joining 24°02'N 161°41'W  
23°00'N 160°50'W  
22°05'N 162°08'W  
Purple dashed line (reporting area outer limit)  
[N1.2] between 22°05'N 162°08'W  
22°25'N 164°00'W

Note: Area extends beyond chart border

Legend "Particularly Sensitive Sea Area  
CAUTION 3" along above limit 22°05'N 162°08'W

Caution No. 3 to CAUTIONS note  
"3. All vessels solely in transit should avoid  
the limits of the Papahānaumokuākea  
Particularly Sensitive Sea Area (PSSA).  
For further information about the PSSA  
Reporting Area, see Chapter 2, U.S. Coast  
Pilot 7, and Chart 19016. (MSC IMO, 83rd  
Session, 2007)." 38°33'N 105°00'W

Note: The above changes and additions to  
Areas to be Avoided have been adopted by  
IMO and will become effective at 0001 UTC on  
1 May 2008  
(NTM0001/2008)

51 (INT 51) 1Ed. 2/6/82 LAST NM 10/08 17/08  
Delete Purple composite-line circle (area to be  
avoided) centered 23°03'N 161°55'W

Purple composite-line arc of a circle (area to be  
avoided) in vicinity 23°40'N 164°00'W

Legend "AREAS TO BE AVOIDED" 24°15'N 162°50'W

Add Purple dashed line (reporting area outer limit)  
[N1.2] between 24°28'N 164°00'W  
24°02'N 161°41'W

Purple dashed-line arc of a circle (reporting  
area outer limit) [N1.2], radius 60 miles,  
centered 23°03'N 161°55'W  
arc joining 24°02'N 161°41'W  
23°00'N 160°50'W  
22°05'N 162°08'W

Purple dashed line (reporting area outer limit)  
[N1.2] between 22°05'N 162°08'W  
22°25'N 164°00'W

Note: Area extends beyond chart border

Legend "Particularly Sensitive Sea Area  
CAUTION 3" along above limit 22°05'N 162°08'W

Caution No. 3 to CAUTIONS note  
"3. All vessels solely in transit should avoid  
the limits of the Papahānaumokuākea  
Particularly Sensitive Sea Area (PSSA).  
For further information about the PSSA  
Reporting Area, see Chapter 2, U.S. Coast  
Pilot 7, and Chart 19016. (MSC IMO, 83rd  
Session, 2007)". 38°33'N 105°00'W

Note: The above changes and additions to  
Areas to be Avoided have been adopted by  
IMO  
(Supersedes 10/08P-51)  
(NTM0001/2008)

51 (INT 51) 1Ed. 2/6/82 LAST NM 17/08 35/08  
Add Depth 587 meters "Rep (2007)" 8°08'S 141°22'W  
(NTM0009/2007)

★51 (INT 51) 1Ed. 2/6/82 LAST NM 35/08 43/08  
Add Depth 192 meters 0°08'S 89°15'W  
Depth 450 meters 1°17'S 88°49'W  
Depth 340 meters 0°32'S 88°32'W  
(NTM0026/2007)

51 (INT 51) 1Ed. 2/6/82 LAST NM 43/08 6/09  
Add Depth 2746 meters 19°02'N 157°47'W  
(NTM0003/2009)

51 (INT 51) 1Ed. 2/6/82 LAST NM 6/09 13/09  
Add Legend "CAUTION NO 4" 18°48'N 111°05'W

Dashed-line circle "Discol. water rep (2009)  
(PA) (CAUTION NO 5)" [Ke] 18°59'N 110°48'W

(continued on next page)



51 (Continued)		13/09			
	Cautions No. 4 and No. 5 to CAUTIONS note "4. A submarine volcano was reported to have formed about 2 miles NW of Punta Tosca in 1993. Depths of 80 meters were reported. Mariners should exercise caution in this area. 5. Drifting pumice rafts, possible indicators of submarine volcanic activity, observed northeast of Isla Socorro. Mariners should exercise caution in this area."				38°33'N 105°00'W
(NTM0033/2001; NTM0015/2009)					
51 (INT 51)	1Ed. 2/6/82	LAST NM	13/09	22/09	
Add	Superbuoy ODAS [Q58] "51000" Y, Fl(4) Y 20s		23°28'N	154°00'W	
	Superbuoy ODAS [Q58] "51100" Y, Fl(4) Y 20s		23°33'N	153°54'W	
	Superbuoy ODAS [Q58] "51101" Y, Fl(4) Y 20s		24°19'N	162°03'W	(18/09 CG14)
51 (INT 51)	1Ed. 2/6/82	LAST NM	22/09	28/09	
Add	Depth 3511 meters		20°04'N	157°00'W	(NTM0032/2009)
51 (INT 51)	1Ed. 2/6/82	LAST NM	28/09	34/09	
Add	Wreck [K29]		23°38'N	160°47'W	(NTM0028/2009)
51 (INT 51)	1Ed. 2/6/82	LAST NM	34/09	35/09	
Add	Wreck [K29]		22°55'N	160°01'W	
	Wreck [K29]		22°59'N	160°10'W	(NTM0028/2009)
51 (INT 51)	1Ed. 2/6/82	LAST NM	35/09	39/09	
Add	Wreck [K29]		23°00'N	159°53'W	(NTM0028/2009)
51 (INT 51)	1Ed. 2/6/82	LAST NM	39/09	40/09	
Add	Wreck [K29]		23°02'N	160°03'W	
	Wreck [K29]		23°08'N	160°11'W	(NTM0028/2009)
51 (INT 51)	1Ed. 2/6/82	LAST NM	40/09	41/09	
Substitute	Depth 179 meters for 183 meters		5°00'N	87°25'W	(NTM0011/2009)
51 (INT 51)	1Ed. 2/6/82	LAST NM	41/09	21/10	
Add	Depth 856 meters enclosed by depth contours (3)		14°32'N	98°59'W	(NTM0011/2010)
51 (INT 51)	1Ed. 2/6/82	LAST NM	21/10	22/10	
Relocate	Superbuoy ODAS "51002" from 17°11'N 157°50'W to Superbuoy ODAS "51004" from 17°26'N 152°30'W to		17°06'N	157°47'W	
			17°32'N	152°23'W	(18/10 CG14)
51 (INT 51)	1Ed. 2/6/82	LAST NM	22/10	31/10	
Delete	Legend "SOUTH EQUATORIAL COUNTERCURRENT"		7°15'S	122°00'W	(UKHO ARCS 4051)
51 (INT 51)	1Ed. 2/6/82	LAST NM	31/10	36/10	
Add	Depth 427 meters enclosed by depth contour (1000-meter) centered		10°26'S	94°35'W	(NTM0019/2010)
51 (INT 51)	1Ed. 2/6/82	LAST NM	36/10	17/11	
Relocate	Superbuoy ODAS "51003" from 19°11'N 160°49'W to		19°21'N	160°37'W	(12/11 CG14)
51 (INT 51)	1Ed. 2/6/82	LAST NM	17/11	28/11	
Delete	Danger circle and legend "Shoal rep (2007)"		8°10'N	160°06'W	(NTM0020/2011)
51 (INT 51)	1Ed. 2/6/82	LAST NM	28/11	38/11	
Add	Depth 753 meters		31°13'N	118°03'W	(UKHO CH 1029)
51 (INT 51)	1Ed. 2/6/82	LAST NM	38/11	44/11	
Add	Depth 1418 meters		16°37'N	106°27'W	(NTM0027/2011)
51 (INT 51)	1Ed. 2/6/82	LAST NM	44/11	48/11	
Add	Superbuoy ODAS [Q58] "46114" Y, Fl(5) Y 20s (PA)		36°43'N	122°21'W	(43/11 CG11)
51 (INT 51)	1Ed. 2/6/82	LAST NM	48/11	44/12	
Substitute	Depth 3067 meters for 3771 meters		36°06'N	139°03'W	(NTM0011/2012)
51 (INT 51)	1Ed. 2/6/82	LAST NM	44/12	32/14	
Delete	Light		21°35'N	158°16'W	(21/14 CG14)
★51 (INT 51)	1Ed. 2/6/82	LAST NM	32/14	6/19	
Relocate	Superbuoy ODAS "51001" from 23°26'N 162°18'W to		24°27'N	162°00'W	(47/18 CG14)
★51 (INT 51)	1Ed. 2/6/82	LAST NM	6/19	11/19	
Delete	Superbuoy ODAS "51100"		23°33'N	153°54'W	(7/19 CG14)
★52 (INT 52)	1Ed. 4/5/86	NEW CHART		23/86	
Delete	Depth 21.5 meters R Bn (AERO)		26°48'N	125°15'E	
			9°30'N	161°56'E	
Add	R Bn (AERO) at light		10°03'N	158°12'E	
	Danger circle "Breakers (rep 1983)"		3°53'S	174°03'E	
	Legend "Breakers (rep 1980)"		6°46'N	177°30'E	
	Light flare symbol to light star		27°25'N	128°44'E	
	R Bns (AERO)		14°47'N	120°16'E	
			4°16'N	117°57'E	
			1°17'N	173°00'E	
	(DMAHTC; HNNM7662/86)				
52 (INT 52)	1Ed. 4/5/86	LAST NM	23/86	30/86	
Delete	R Bn (AERO)		10°03'N	158°12'E	
	(See 23/86-52)				
Add	R Bn (AERO)		7°03'N	158°12'E	(DMAHTC)
52 (INT 52)	1Ed. 4/5/86	LAST NM	30/86	31/86	
Delete	R Bns (AERO)		11°30'S	161°56'E	
	(See 23, 30/86-52)		7°03'N	158°12'E	(DMAHTC)
52 (INT 52)	1Ed. 4/5/86	LAST NM	31/86	39/86	
Change	Designation of buoy to "(ODAS)"		28°59'N	135°00'E	(32(942)86 Tokyo)
52 (INT 52)	1Ed. 4/5/86	LAST NM	39/86	48/86	
Change	Designation of buoy to "(ODAS)"		28°10'N	126°20'E	(39(1173)86 Tokyo)
52 (INT 52)	1Ed. 4/5/86	LAST NM	48/86	52/86	
Delete	Buoy "(ODAS)"		25°40'N	135°55'E	(42(1259)86 Tokyo)
52 (INT 52)	1Ed. 4/5/86	LAST NM	52/86	10/87	
Delete	Danger circle		20°25'N	151°55'E	
Substitute	Depth 5156 meters for danger circle		20°31'N	152°49'E	(MCNM7903, 0001/87)

52 (INT 52) 1Ed. 4/5/86 LAST NM 10/87 44/87  
Delete Depth 9 meters 12°30'S 167°20'E  
Add Depth 40 meters 12°24'S 167°21'E  
(34(2527)87 Taunton)

52 (INT 52) 1Ed. 4/5/86 LAST NM 44/87 46/87  
Delete Superbuoy 38°30'N 145°30'E  
Add Superbuoy "ODAS" with  
light flare symbol 36°40'N 145°40'E  
(29(817)87 Tokyo)

52 (INT 52) 1Ed. 4/5/86 LAST NM 46/87 48/87  
Add Depth 454 meters 3°47'N 128°08'E  
(MCNM0003/87)

52 (INT 52) 1Ed. 4/5/86 LAST NM 48/87 8/88  
Add Dashed-line circle  
"Discol water Rep (1987)" 27°00'N 141°00'E  
(46(3493)87 Taunton)

52 (INT 52) 1Ed. 4/5/86 LAST NM 8/88 24/88  
Add Buoys, each orange and white, conical  
"ET3" 1°57'N 165°02'E  
"ET4" 1°52'S 164°53'E  
(53(46)87 Brest)

52 (INT 52) 1Ed. 4/5/86 LAST NM 24/88 12/89  
Delete Depth 27 meters "Rep" 13°54'S 171°14'W  
33 meters "Rep" 14°28'S 171°20'W  
(4(30)89 Auckland)

52 (INT 52) 1Ed. 4/5/86 LAST NM 12/89 33/89  
Add R Bn at lights 0°59'N 119°00'E  
3°34'S 118°58'E  
1°53'N 125°07'E  
R Bn 5°24'S 118°26'E  
8°30'S 140°23'E  
(23(190-194)89 Jakarta)

52 (INT 52) 1Ed. 4/5/86 LAST NM 33/89 35/89  
Add Depth 618 meters 2°50.5'N 125°03.6'E  
(MCNM1090/89)

52 (INT 52) 1Ed. 4/5/86 LAST NM 35/89 37/89  
Add Depth 74 meters "Rep (1974)" 27°43'N 175°35'W  
(MCNM1071/89)

52 (INT 52) 1Ed. 4/5/86 LAST NM 37/89 38/89  
Substitute Depth 508 meters for 605 meters 11°12'S 178°16'E  
Add Depth 722 meters 11°46'S 179°23'E  
(MCNM1103/89)

52 (INT 52) 1Ed. 4/5/86 LAST NM 38/89 41/89  
Delete Buoys "ET 3" 1°57'N 165°02'E  
"ET 4" 1°52'S 164°53'E  
(26(60)89 Brest)

52 (INT 52) 1Ed. 4/5/86 LAST NM 41/89 22/90  
Add Light 8°19'S 125°08'E  
(3(23)90 Jakarta)

52 (INT 52) 1Ed. 4/5/86 LAST NM 22/90 32/90  
Substitute Depth 39 meters for 71 meters 30°25'N 129°30'E  
(18(599)90 Tokyo)

52 (INT 52) 1Ed. 4/5/86 LAST NM 32/90 49/90  
Add R Bn 0°50'S 131°12'E  
(32(2297)90 Taunton)

52 (INT 52) 1Ed. 4/5/86 LAST NM 49/90 6/91  
Delete R Bn (AERO) at light 8°34'S 125°34'E  
(MCNM1027/90)

52 (INT 52) 1Ed. 4/5/86 LAST NM 6/91 33/91  
Add Danger circle "Reef Rep (1991)" 3°07'S 148°10'E  
(23(285)91 Sydney)

52 (INT 52) 1Ed. 4/5/86 LAST NM 33/91 28/92  
Delete R Bn (AERO) at light 10°36'S 141°55'E  
(18(297)92 Sydney)

52 (INT 52) 1Ed. 4/5/86 LAST NM 28/92 48/92  
Delete Depth 299 meters 5°02'S 125°04'E  
(32(1263)92 Tokyo)

52 (INT 52) 1Ed. 4/5/86 LAST NM 48/92 9/93  
Delete Depth 207 meters 26°21'N 125°12'E  
Add Depth 49 meters 26°24'N 125°04'E  
(MCC1167/92)

52 (INT 52) 1Ed. 4/5/86 LAST NM 9/93 11/93  
Delete R Bn at lights 37°00'N 140°59'E  
34°53'N 139°54'E  
34°36'N 138°14'E  
34°21'N 130°51'E  
33°26'N 135°45'E  
32°43'N 133°01'E  
(MCC1231/93)

52 (INT 52) 1Ed. 4/5/86 LAST NM 11/93 16/93  
Add Depth 40 meters "Rep (1988)" 3°35'N 133°57'E  
30 meters "Rep (1985)" 0°05'N 135°08'E  
(50(60)92 Brest)

52 (INT 52) 1Ed. 4/5/86 LAST NM 16/93 17/93  
Add R Bn 22°05'N 121°30'E  
(11/93 Tso-ying)

52 (INT 52) 1Ed. 4/5/86 LAST NM 17/93 29/93  
Delete Depth 320 meters 25°44'N 147°10'E  
(12(457)93 Tokyo)

52 (INT 52) 1Ed. 4/5/86 LAST NM 29/93 32/93  
Delete R Bn (AERO) 4°16'N 117°56'E  
(16(1326)93 Taunton)

52 (INT 52) 1Ed. 4/5/86 LAST NM 32/93 34/93  
Add Danger circle "Breakers Rep (1991)" 0°24'N 152°00'E  
(MCC1265/93)

52 (INT 52) 1Ed. 4/5/86 LAST NM 34/93 48/93  
Delete Dangerous submerged rock 27°18'N 143°48'E  
(42(1667)93 Tokyo)

52 (INT 52) 1Ed. 4/5/86 LAST NM 48/93 2/94  
Delete Depth 95 meters 10°10'S 126°12'E  
(41(493)93 Sydney)

52 (INT 52) 1Ed. 4/5/86 LAST NM 2/94 12/94  
Delete Depth 823 meters 9°38'S 146°04'E  
(4(85)94 Sydney)

52 (INT 52) 1Ed. 4/5/86 LAST NM 12/94 16/94  
Add R Bn 38°08'N 124°44'E  
38°54'N 125°16'E  
39°47'N 124°34'E  
(ROK CH 317; BA RA)

52 (INT 52) 1Ed. 4/5/86 LAST NM 16/94 48/94  
Add R Bn (AERO) 37°45'N 128°57'E  
38°09'N 128°36'E  
(ROK CH 154, 155; ROK LL)

52 (INT 52) 1Ed. 4/5/86 LAST NM 48/94 53/94  
Add Danger circle "Discol Water Rep (1992)" 19°45'N 145°43'E  
(MCC1306/94)

52 (INT 52) 1Ed. 4/5/86 LAST NM 53/94 19/95  
Delete Depth 5.4 meters 4°56'S 146°40'E

Add Rock which covers and uncovers 4°53'S 146°44'E  
(8(139)95 Wollongong)

52 (INT 52) 1Ed. 4/5/86 LAST NM 19/95 41/95  
Delete R Bn (AERO) 7°27'N 151°50'E  
(BA RA)

52 (INT 52) 1Ed. 4/5/86 LAST NM 41/95 49/95  
Delete Danger circle 5°07'S 147°08'E  
(37(439)95 Wollongong)

52 (INT 52) 1Ed. 4/5/86 LAST NM 49/95 10/96  
Add Depth 30 meters 8°25'N 148°13'E  
(3(201)96 Taunton)

52 (INT 52) 1Ed. 4/5/86 LAST NM 10/96 42/96  
Add Depth  
442 meters 9°36'N 140°26'E  
407 meters 7°58'N 137°19'E  
676 meters 7°44'N 137°03'E  
(35(2945)96 Taunton)

52 (INT 52) 1Ed. 4/5/86 LAST NM 42/96 4/97  
Delete Depth 525 meters 22°11'N 141°42'E

Substitute Depth  
99 meters for 214 meters 23°45'N 141°44'E  
92 meters for 370 meters 23°04'N 142°19'E

Add Depth 94 meters 22°12'N 141°52'E  
(46(3818)96 Taunton)

52 (INT 52) 1Ed. 4/5/86 LAST NM 4/97 5/98  
Delete Dangerous submerged rock 28°12'N 142°23'E  
(36(1640)97 Tokyo)

52 (INT 52) 1Ed. 4/5/86 LAST NM 5/98 6/99  
Substitute Depth  
14.5 meters for 53 meters 30°12'N 130°03'E  
2.1 meters for 3.2 meters 30°03'N 129°52'E

Add Depth 50 meters 29°22'N 129°05'E  
(50(2069, 2070)98 Tokyo)

52 (INT 52) 1Ed. 4/5/86 LAST NM 6/99 32/99  
Substitute Depth 50 meters for dangerous submerged rock 31°55'N 140°02'E  
(25(1087)99 Tokyo)

52 (INT 52) 1Ed. 4/5/86 LAST NM 32/99 40/99  
Delete Depth 50 meters 31°00'N 139°00'E  
(34(1382)99 Tokyo)

52 (INT 52) 1Ed. 4/5/86 LAST NM 40/99 42/99  
Add R Bn [S10] 34°53'N 132°02'E  
R Bn [S10] 33°52'N 129°41'E  
(14(24, 27)98 Tokyo; Jpn LL)

52 (INT 52) 1Ed. 4/5/86 LAST NM 42/99 44/99  
Delete R Bn at light 32°00'N 128°21'E

Add R Bn [S10] at light 32°37'N 128°36'E  
(15(645)98 Tokyo)

52 (INT 52) 1Ed. 4/5/86 LAST NM 44/99 15/01  
Add Depth 1200 meters "Rep (2000)" [I3.2] 5°53'N 165°22'W  
(42(4094)00 Taunton)

52 (INT 52) 1Ed. 4/5/86 LAST NM 15/01 14/02  
Add Depth 424 meters enclosed by depth contour  
(1000-meter) 16°32'N 129°37'E  
(13(1402)01 Taunton)

52 (INT 52) 1Ed. 4/5/86 LAST NM 14/02 18/02  
Delete R Bn (AERO) 12°32'S 177°02'E

Add Depth 705 meters 8°04'N 143°26'E  
Depth 575 meters 6°53'N 144°49'E  
(6(58, 59)02 Wellington)

52 (INT 52) 1Ed. 4/5/86 LAST NM 18/02 52/04  
Delete Depth 15.8 meters 21°35'N 120°34'E  
(43(1107)04 Tokyo)

52 (INT 52) 1Ed. 4/5/86 LAST NM 52/04 9/05  
Delete Depth 20 meters 21°32'N 121°16'E  
(30(782)04 Tokyo)

52 (INT 52) 1Ed. 4/5/86 LAST NM 9/05 20/05  
Delete R Bn (AERO) 15°10'N 145°43'E  
(NOS)

52 (INT 52) 1Ed. 4/5/86 LAST NM 20/05 34/05  
Add Depth 211 meters "Rep" [I4] 12°37'N 145°31'E  
Depth 437 meters "Rep" [I4] 13°41'N 145°30'E  
Depth 428 meters "Rep" [I4] 15°00'N 144°17'E  
(BA CH 764)

52 (INT 52) 1Ed. 4/5/86 LAST NM 34/05 4/06  
Delete Depth 437 meters "Rep" 13°41'N 145°30'E  
(See 34/05-52)  
(NTM0007/2006)

P 52 (INT 52) 1Ed. 4/5/86 LAST NM 4/06 10/08  
Add Purple dashed line (reporting area outer limit)  
[N1.2] joining 29°23'N 178°04'W  
28°44'N 175°14'W  
27°01'N 173°26'W  
25°56'N 167°32'W  
24°50'N 165°59'W  
24°02'N 161°41'W

Legend "Particularly Sensitive Sea Area SEE  
CAUTION" along above limit 26°40'N 170°00'W

Purple dashed-line arc of a circle (reporting  
area outer limit) [N1.2], radius 60 miles,  
centered 23°03'N 161°55'W  
arc joining 24°02'N 161°41'W  
23°00'N 160°50'W  
22°05'N 162°08'W

Purple dashed line (reporting area outer limit)  
[N1.2] joining 22°05'N 162°08'W  
22°48'N 166°38'W  
24°04'N 168°28'W  
25°08'N 174°29'W  
27°06'N 176°36'W  
27°27'N 178°39'W

Purple dashed-line arc of a circle (reporting  
area outer limit) [N1.2], radius 60 miles,  
centered 28°25'N 178°20'W  
arc joining 27°27'N 178°39'W  
28°35'N 179°26'W  
29°23'N 178°04'W

CAUTION note in right margin of chart  
"CAUTION"

Particularly Sensitive Sea Area (PSSA)  
All vessels solely in transit should avoid the  
limits of the Papahānaumokuākea PSSA. All  
ships 300 gross tonnage or greater and all ships  
in the event of a developing emergency in  
transit through the reporting area are required  
to participate in CORAL SHIPREP. Reports  
should be made to U.S. Coast Guard  
CAMSPAC via INMARSAT-C. See Chapter 2,  
U.S. Coast Pilot 7, charts 19016, 19019, and  
19022 (MSC IMO, 83rd Session, 2007).  
Note: The above Areas to be Avoided have  
been adopted by IMO and are effective at 0001  
UTC 1 May 2008

(NTM0001/2008)

52 (INT 52) 1Ed. 4/5/86 LAST NM 10/08 17/08  
 Add Purple dashed line (reporting area outer limit) [N1.2] joining 29°23'N 178°04'W  
 28°44'N 175°14'W  
 27°01'N 173°26'W  
 25°56'N 167°32'W  
 24°50'N 165°59'W  
 24°02'N 161°41'W

Legend "Particularly Sensitive Sea Area SEE CAUTION" along above limit 26°40'N 170°00'W

Purple dashed-line arc of a circle (reporting area outer limit) [N1.2], radius 60 miles, centered arc joining 23°03'N 161°55'W  
 24°02'N 161°41'W  
 23°00'N 160°50'W  
 22°05'N 162°08'W

Purple dashed line (reporting area outer limit) [N1.2] joining 22°05'N 162°08'W  
 22°48'N 166°38'W  
 24°04'N 168°28'W  
 25°08'N 174°29'W  
 27°06'N 176°36'W  
 27°27'N 178°39'W

Purple dashed-line arc of a circle (reporting area outer limit) [N1.2], radius 60 miles, centered arc joining 28°25'N 178°20'W  
 27°27'N 178°39'W  
 28°35'N 179°26'W  
 29°23'N 178°04'W

CAUTION note in right margin of chart "CAUTION  
 Particularly Sensitive Sea Area (PSSA)  
 All vessels solely in transit should avoid the limits of the Papahānaumokuākea PSSA. All ships 300 gross tonnage or greater and all ships in the event of a developing emergency in transit through the reporting area are required to participate in CORAL SHIPREP. Reports should be made to U.S. Coast Guard CAMSPAC via INMARSAT-C. See Chapter 2, U.S. Coast Pilot 7, charts 19016, 19019, and 19022 (MSC IMO, 83rd Session, 2007)".  
 Note: The above Areas to be Avoided have been adopted by IMO  
 (Supersedes 10/08P-52)  
 (NTM0001/2008)

52 (INT 52) 1Ed. 4/5/86 LAST NM 17/08 24/08  
 Delete R Bn at light 1°53'N 125°07'E  
 (BA LL)

52 (INT 52) 1Ed. 4/5/86 LAST NM 24/08 28/08  
 Delete R Bn 34°53'N 132°02'E  
 (22(744)08 Tokyo)

52 (INT 52) 1Ed. 4/5/86 LAST NM 28/08 32/08  
 Delete R Bn at light 38°17'N 141°35'E  
 (25(874)08 Tokyo)

52 (INT 52) 1Ed. 4/5/86 LAST NM 32/08 37/08  
 Add Depth 313 meters 8°23'N 147°52'E  
 (NTM0026/2007)

52 (INT 52) 1Ed. 4/5/86 LAST NM 37/08 38/08  
 Add Depth 32 meters 8°23'N 145°41'E  
 (NTM0026/2007)

52 (INT 52) 1Ed. 4/5/86 LAST NM 38/08 39/08  
 Substitute Depth 275 meters for 313 meters 8°21'N 147°50'E

Add Depth 464 meters 7°29'N 147°24'E  
 Depth 16 meters 7°28'N 148°04'E  
 Depth 367 meters 7°14'N 147°44'E  
 (NTM0026/2007)

52 (INT 52) 1Ed. 4/5/86 LAST NM 39/08 48/08  
 Add Depth 307 meters 9°12'S 153°53'E  
 (NTM0026/2007)

52 (INT 52) 1Ed. 4/5/86 LAST NM 48/08 52/08  
 Substitute Depth 373 meters for 407 meters 7°58'N 137°19'E  
 Depth 1247 meters for 1326 meters 12°48'N 157°52'E

Add Depth 1285 meters 12°21'N 158°39'E  
 Depth 1192 meters 13°57'N 157°36'E  
 Depth 428 meters 1°07'S 148°50'E  
 Depth 563 meters 1°03'S 147°52'E  
 (NTM0026/2007)

52 (INT 52) 1Ed. 4/5/86 LAST NM 52/08 37/09  
 Add Wreck [K29] 14°55'N 147°48'E  
 (NTM0028/2009)

52 (INT 52) 1Ed. 4/5/86 LAST NM 37/09 38/09  
 Substitute Depth 11.7 meters "Shoal rep (2009)" for 14.6 meters 16°30'N 143°09'E  
 (NTM0003/2009)

52 (INT 52) 1Ed. 4/5/86 LAST NM 38/09 47/09  
 Delete R Bn at light 35°42'N 140°52'E

Add Dashed-line circle "Discol. water rep (1972)" [Ke] 13°01'N 141°29'E  
 Depth 677 meters enclosed by depth contours (3) 12°28'N 144°37'E  
 Depth 545 meters enclosed by broken depth contour 12°34'N 145°35'E  
 (35(1509)09 Tokyo; Jpn LL; BA CH 764; US CH 81060)

52 (INT 52) 1Ed. 4/5/86 LAST NM 47/09 7/10  
 Add Depth 198 meters "Rep (2009)" [I3.2] 5°19'S 128°15'E  
 (NTM0011/2009)

52 (INT 52) 1Ed. 4/5/86 LAST NM 7/10 18/10  
 Delete R Bn at light 37°54'N 128°50'E  
 R Bn at light 36°05'N 125°55'E

Add Depth 1312 meters enclosed by depth contour (2000-meter) centered 13°15'N 144°02'E  
 (NTM0001/2010; ROK CH 165, 326)

52 (INT 52) 1Ed. 4/5/86 LAST NM 18/10 5/11  
 Add Depth 1196 meters "Rep (2010)" 13°24'N 143°55'E  
 (NTM0021/2010)

52 (INT 52) 1Ed. 4/5/86 LAST NM 5/11 11/11  
 Delete R Bn from light 36°05'N 129°34'E  
 (ROK CH 146)

52 (INT 52) 1Ed. 4/5/86 LAST NM 11/11 2/12  
 Delete AERO R Bn at light 6°44'S 147°00'E  
 AERO R Bn at light 5°12'S 145°50'E  
 AERO R Bn at light 8°30'S 151°05'E  
 AERO R Bn at light 9°27'S 147°00'E  
 AERO R Bn 8°45'S 148°14'E  
 (23(1181)11 Wollongong)

52 (INT 52) 1Ed. 4/5/86 LAST NM 2/12 49/14  
 Delete Depth 45 meters, blue tint and enclosing dotted-line circle centered 10°09'N 140°43'E

Depth 1196 meters "Rep (2010)" 13°24'N 143°55'E  
 Depth 428 meters "Rep" 15°00'N 144°17'E

Depth 235 meters and enclosing dotted-line circle centered 14°17'N 141°41'E  
 (NTM0012/2014)

★53 (INT 53) 2Ed. 8/6/94 NEW EDITION 49/94  
 (DMAHTC)

53 (INT 53) 2Ed. 8/6/94 LAST NM 49/94 25/96  
 Delete Depth 882 meters 45°58'N 149°32'E

Add Light symbol 46°50'N 151°52'E  
 Depth 541 meters 45°58'N 149°24'E

Danger circle "Vol Activity Rep (1980)" 46°32'N 151°47'E  
 (17(1439)96 Taunton)

53 (INT 53) 2Ed. 8/6/94 LAST NM 25/96 32/96  
 Add Depth 12 meters "Rep (1986)" 55°31.3'N 145°49.5'E  
 (24(1995)96 Taunton)

53 (INT 53) 2Ed. 8/6/94 LAST NM 32/96 4/97  
 Delete Depth 370 meters "Unexamined (1982)" 22°58'N 142°18'E  
 Substitute Depth 99 meters for 214 meters 23°45'N 141°44'E  
 Add Depth 92 meters 23°04'N 142°19'E  
 (46(3818)96 Taunton)

53 (INT 53) 2Ed. 8/6/94 LAST NM 4/97 12/97  
 Substitute Depth 125 meters for 163 meters 28°54'N 178°37'W  
 (GIMM015/97)

53 (INT 53) 2Ed. 8/6/94 LAST NM 12/97 6/99  
 Substitute Depth  
 14.5 meters for 53 meters 30°12'N 130°03'E  
 2.1 meters for 3.2 meters 30°03'N 129°52'E  
 Add Depth 50 meters 29°22'N 129°05'E  
 (50(2069, 2070)98 Tokyo)

53 (INT 53) 2Ed. 8/6/94 LAST NM 6/99 32/99  
 Substitute Depth 50 meters for dangerous submerged rock  
 (25(1087)99 Tokyo) 31°55'N 140°02'E

53 (INT 53) 2Ed. 8/6/94 LAST NM 32/99 40/99  
 Delete Depth 50 meters 31°00'N 139°00'E  
 (34(1382)99 Tokyo)

53 (INT 53) 2Ed. 8/6/94 LAST NM 40/99 42/99  
 Add R Bn [S10] 34°53'N 132°02'E  
 R Bn [S10] 33°52'N 129°41'E  
 (14(24, 27)98 Tokyo; Jpn LL)

53 (INT 53) 2Ed. 8/6/94 LAST NM 42/99 44/99  
 Delete R Bn at light 32°00'N 128°21'E  
 Add R Bn [S10] at light 32°37'N 128°36'E  
 (15(645)98 Tokyo)

53 (INT 53) 2Ed. 8/6/94 LAST NM 44/99 52/99  
 Delete Light and R Bn 55°12'N 137°38'E  
 (14(1962)98 St. Petersburg)

53 (INT 53) 2Ed. 8/6/94 LAST NM 52/99 12/00  
 Add R Bn (AERO) [S16] 28°12'N 177°23'W  
 (NOS)

53 (INT 53) 2Ed. 8/6/94 LAST NM 12/00 5/02  
 Add Superbuoy ODAS [Q58] Y, Fl Y 4s 46°39'N 170°48'W  
 Superbuoy ODAS [Q58] Y, Fl Y 4s 50°27'N 165°02'W  
 Superbuoy ODAS [Q58] Y, Fl Y 4s 52°34'N 157°10'W  
 (32/01 CG13)

53 (INT 53) 2Ed. 8/6/94 LAST NM 5/02 17/02  
 Delete R Bn at light 57°09'N 170°14'W  
 (NOS)

53 (INT 53) 2Ed. 8/6/94 LAST NM 17/02 34/03  
 Add Superbuoy ODAS [Q58] "46035" Y,  
 Fl(4) Y 20s 57°03'N 177°35'W  
 Superbuoy ODAS [Q58] "46066" Y,  
 Fl(4) Y 20s 53°15'N 155°09'W  
 Superbuoy ODAS [Q58] "46072" Y,  
 Fl(4) Y 20s 52°02'N 172°05'W  
 (26/03 CG17)

53 (INT 53) 2Ed. 8/6/94 LAST NM 34/03 50/03  
 Relocate Superbuoy ODAS "46072" from  
 52°02'N 172°05'W to 51°38'N 172°09'W  
 (See 34/03-53)  
 (NTM0022/2003)

53 (INT 53) 2Ed. 8/6/94 LAST NM 50/03 43/05  
 Delete Depth 164 meters 25°44'N 127°58'E  
 (Jpn CH W1203)

53 (INT 53) 2Ed. 8/6/94 LAST NM 43/05 53/05  
 Add Danger circle [K1] "seismometer" 33°46'N 137°36'E  
 (BA CH 996)

P 53 (INT 53) 2Ed. 8/6/94 LAST NM 53/05 10/08  
 Add Purple dashed line (reporting area outer limit)  
 [N1.2] joining 29°23'N 178°04'W  
 28°44'N 175°14'W  
 27°01'N 173°26'W  
 25°56'N 167°32'W  
 24°50'N 165°59'W  
 24°02'N 161°41'W

Legend "Particularly Sensitive Sea Area SEE  
 CAUTION" along above limit 26°40'N 170°00'W

Purple dashed-line lesser arc of a circle  
 (reporting area outer limit) [N1.2], radius 60  
 miles, centered 23°03'N 161°55'W  
 arc between 24°02'N 161°41'W  
 22°13'N 161°23'W

Purple dashed line (reporting area outer limit)  
 [N1.2] joining 22°13'N 162°58'W  
 22°48'N 166°38'W  
 24°04'N 168°28'W  
 25°08'N 174°29'W  
 27°06'N 176°36'W  
 27°27'N 178°39'W

Purple dashed-line arc of a circle (reporting  
 area outer limit) [N1.2], radius 60 miles,  
 centered 28°25'N 178°20'W  
 arc joining 27°27'N 178°39'W  
 28°35'N 179°26'W  
 29°23'N 178°04'W

Note: Area extends beyond chart border

CAUTION note  
 "CAUTION  
 Particularly Sensitive Sea Area (PSSA)  
 All vessels solely in transit should avoid the  
 limits of the Papahānaumokuākea PSSA. All  
 ships 300 gross tonnage or greater and all ships  
 in the event of a developing emergency in  
 transit through the reporting area are required  
 to participate in CORAL SHIPREP. Reports  
 should be made to U.S. Coast Guard  
 CAMSPAC via INMARSAT-C. See Chapter 2,  
 U.S. Coast Pilot 7, charts 19016, 19019, and  
 19022 (MSC IMO, 83rd Session, 2007)." 55°00'N 132°30'E  
 Note: The above Areas to be Avoided have  
 been adopted by IMO and will become  
 effective at 0001 UTC on 1 May 2008  
 (NTM0001/2008)

53 (INT 53) 2Ed. 8/6/94 LAST NM 10/08 15/08  
 Delete Superbuoy ODAS 46°33'N 170°48'W  
 (32/07 CG17)

53 (INT 53) 2Ed. 8/6/94 LAST NM 10/08 17/08  
 Add Purple dashed line (reporting area outer limit)  
 [N1.2] joining 29°23'N 178°04'W  
 28°44'N 175°14'W  
 27°01'N 173°26'W  
 25°56'N 167°32'W  
 24°50'N 165°59'W  
 24°02'N 161°41'W

Legend "Particularly Sensitive Sea Area SEE  
 CAUTION" along above limit 26°40'N 170°00'W

Purple dashed-line lesser arc of a circle  
 (reporting area outer limit) [N1.2], radius 60  
 miles, centered 23°03'N 161°55'W  
 arc between 24°02'N 161°41'W  
 22°13'N 161°13'W

(continued on next page)

53 (Continued) 17/08  
 Purple dashed line (reporting area outer limit)  
 [N1.2] joining 22°13'N 162°58'W  
 22°48'N 166°38'W  
 24°04'N 168°28'W  
 25°08'N 174°29'W  
 27°06'N 176°36'W  
 27°27'N 178°39'W

Purple dashed-line arc of a circle (reporting area outer limit) [N1.2], radius 60 miles, centered  
 arc joining 28°25'N 178°20'W  
 27°27'N 178°39'W  
 28°35'N 179°26'W  
 29°23'N 178°04'W

Note: Area extends beyond chart border

CAUTION note  
 "CAUTION  
 Particularly Sensitive Sea Area (PSSA)  
 All vessels solely in transit should avoid the limits of the Papahānaumokuākea PSSA. All ships 300 gross tonnage or greater and all ships in the event of a developing emergency in transit through the reporting area are required to participate in CORAL SHIPREP. Reports should be made to U.S. Coast Guard CAMSPAC via INMARSAT-C. See Chapter 2, U.S. Coast Pilot 7, charts 19016, 19019, and 19022 (MSC IMO, 83rd Session, 2007)". 55°00'N 132°30'E  
 Note: The above Areas to be Avoided have been adopted by IMO  
 (Supersedes 10/08P-53)  
 (NTM0001/2008)

53 (INT 53) 2Ed. 8/6/94 LAST NM 17/08 28/08  
 Delete R Bn 34°53'N 132°02'E  
 (22(744)08 Tokyo)

53 (INT 53) 2Ed. 8/6/94 LAST NM 28/08 32/08  
 Delete R Bn at light 38°17'N 141°35'E  
 (25(874)08 Tokyo)

53 (INT 53) 2Ed. 8/6/94 LAST NM 32/08 43/08  
 Add Superbuoy DART [Q26] "46403" RW, Fl(4) Y 20s (Priv) (PA) 52°39'N 156°56'W  
 Superbuoy DART [Q26] "21414" RW, Fl(4) Y 20s (Priv) (PA) 48°57'N 178°16'E  
 Superbuoy DART [Q26] "21415" RW, Fl(4) Y 20s (Priv) (PA) 50°10'N 171°50'E  
 (40/08 CG17)

53 (INT 53) 2Ed. 8/6/94 LAST NM 43/08 4/09  
 Add Superbuoy ODAS [Q58] "46413" Y, Fl(4) Y 20s (Priv) (PA) 48°40'N 174°36'W  
 (52/08 CG17)

53 (INT 53) 2Ed. 8/6/94 LAST NM 4/09 22/09  
 Add Superbuoy ODAS [Q58] "51101" Y, Fl(4) Y 20s 24°19'N 162°03'W  
 (18/09 CG14)

53 (INT 53) 2Ed. 8/6/94 LAST NM 22/09 32/09  
 Relocate Superbuoy ODAS "46066" from 53°15'N 155°09'W to 52°44'N 154°58'W  
 (27/09 CG17)

53 (INT 53) 2Ed. 8/6/94 LAST NM 32/09 34/09  
 Add Wreck [K29] 23°38'N 160°47'W  
 (NTM0028/2009)

53 (INT 53) 2Ed. 8/6/94 LAST NM 34/09 35/09  
 Add Wreck [K29] 22°55'N 160°01'W  
 Wreck [K29] 22°59'N 160°10'W  
 (NTM0028/2009)

53 (INT 53) 2Ed. 8/6/94 LAST NM 35/09 38/09  
 Add Depth 1183 meters 22°57'N 175°37'E  
 (NTM0011/2009)

53 (INT 53) 2Ed. 8/6/94 LAST NM 38/09 39/09  
 Add Wreck [K29] 23°00'N 159°53'W  
 (NTM0028/2009)

53 (INT 53) 2Ed. 8/6/94 LAST NM 39/09 40/09  
 Add Wreck [K29] 23°02'N 160°03'W  
 Wreck [K29] 23°08'N 160°11'W  
 (NTM0028/2009)

53 (INT 53) 2Ed. 8/6/94 LAST NM 40/09 41/09  
 Add Superbuoy ODAS [Q58] "46073" Y, Fl(4) Y 20s 55°01'N 171°59'W  
 (38/09 CG17)

53 (INT 53) 2Ed. 8/6/94 LAST NM 41/09 47/09  
 Delete R Bn at light 35°42'N 140°52'E  
 (35(1509)09 Tokyo; Jpn LL)

53 (INT 53) 2Ed. 8/6/94 LAST NM 47/09 50/09  
 Change Superbuoy DART to "21415" Y, Fl(4) Y 20s (PA) 50°10'N 171°50'E

Add Superbuoy DART [Q58] "46408" Y, Fl(4) Y 20s (PA) 49°37'N 169°52'W  
 (45/09 CG17)

53 (INT 53) 2Ed. 8/6/94 LAST NM 50/09 7/10  
 Add "Depths to 11m rep (2009)" blue tint area bound by dotted line joining 53°36'N 170°02'W  
 53°36'N 169°39'W  
 53°28'N 169°39'W  
 53°28'N 170°02'W  
 (NTM0011/2009)

53 (INT 53) 2Ed. 8/6/94 LAST NM 7/10 18/10  
 Delete R Bn at light 37°54'N 128°50'E  
 R Bn at light 36°07'N 125°58'E  
 (ROK CH 165, 326)

53 (INT 53) 2Ed. 8/6/94 LAST NM 18/10 11/11  
 Delete R Bn from light 36°04'N 129°33'E  
 (ROK CH 146)

53 (INT 53) 2Ed. 8/6/94 LAST NM 11/11 43/13  
 Delete "Depths to 11m rep (2009)" blue tint area in vicinity 53°32'N 169°50'W  
 (NTM0005/2013)

53 (INT 53) 2Ed. 8/6/94 LAST NM 43/13 6/17  
 Add Note  
 "NOTE  
 Ocean Data Acquisition System (ODAS) buoys and Deep-ocean Assessment and Reporting of Tsunami (DART) buoys will no longer be maintained on this chart unless located in areas where larger scale chart coverage is unavailable."  
 61°00'N 135°00'E  
 (NTM0008/2014)

★56 38Ed. 9/17/73 NEW EDITION 43/73  
 (DMAHC)

56 38Ed. 9/17/73 LAST NM 43/73 8/87  
 Change Note in lower left margin of chart to  
 "Users should refer corrections, additions, and comments for improving this product to:  
 DIRECTOR, DEFENSE MAPPING AGENCY HYDROGRAPHIC/ TOPOGRAPHIC CENTER, ATTN: PR, Washington, D.C. 20315-0030."  
 (MCNM7880/87)

★62 (INT 62) 3Ed. 6/22/96 NEW EDITION 36/96  
 (DMA)

62 (INT 62) 3Ed. 6/22/96 LAST NM 36/96 42/96  
 Delete R Bn (AERO) 12°10'N 69°01'W  
 (BA RA)

62 (INT 62)	3Ed. 6/22/96	LAST NM 42/96	36/97		Depth 1584 meters enclosed by dashed-line circle	15°04'S 97°30'W
Delete	R Bn				(NTM0014/2006)	
				1°47'N 78°43'W 3°51'N 77°05'W		
				R Bn at light		
				(12/97 Bogota)		
				4°15'N 77°35'W		
62 (INT 62)	3Ed. 6/22/96	LAST NM 36/97	45/97			
Add	R Bn (AERO) at light symbol			47°43'S 74°55'W		
				(BA RA)		
						43°11'S 98°08'W 43°16'S 97°25'W 43°58'S 97°06'W 43°18'S 98°14'W
62 (INT 62)	3Ed. 6/22/96	LAST NM 45/97	16/98		Note from Subsection I-2 in lower left margin of chart	
Relocate	R Bn (AERO) close N to			53°00'S 70°52'W	(NTM0009/2007)	
				(12/1047)98 Taunton)		
62 (INT 62)	3Ed. 6/22/96	LAST NM 16/98	51/98			
Delete	R Bn at light			36°36'S 73°03'W 38°26'S 73°55'W		
				(9/188)98 Valparaiso)		
62 (INT 62)	3Ed. 6/22/96	LAST NM 51/98	9/00			
Add	Depth 471 meters enclosed by depth contour (1000-meter)			28°05'S 80°01'W		
				(43/4017)99 Taunton)		
62 (INT 62)	3Ed. 6/22/96	LAST NM 9/00	11/06			
Delete	Depth 155 meters, blue tint and enclosing danger circle in vicinity			43°10'S 97°38'W		
Add	Depth 478 meters			25°38'S 99°05'W		
	Depth 500 meters			25°10'S 99°30'W		
	Depth 831 meters			25°06'S 90°48'W		
	Depth 925 meters			25°20'S 93°35'W		
	Depth 589 meters			25°33'S 93°00'W		
	Depth 994 meters			25°20'S 91°38'W		
	Depth 870 meters			24°30'S 94°42'W		
	Depth 424 meters			25°08'S 98°32'W		
	Depth 249 meters			25°04'S 97°28'W		
	Depth 460 meters			24°59'S 98°13'W		
	Depth 1181 meters			24°58'S 96°15'W		
	Depth 1516 meters			23°40'S 94°19'W		
	Depth 584 meters			43°08'S 98°00'W		
	Depth 135 meters			43°12'S 97°43'W		
	Depth 1224 meters			43°25'S 98°08'W		
	Depth 304 meters			26°57'S 110°17'W		
	Depth 965 meters			27°23'S 113°56'W		
	Depth 890 meters			26°14'S 115°00'W		
	Depth 781 meters			26°26'S 116°02'W		
	Depth 840 meters			26°48'S 113°48'W		
	Depth 1399 meters			24°36'S 118°27'W		
	Depth 1603 meters			23°31'S 116°06'W		
	Depth 1330 meters			26°10'S 118°39'W		
	Depth 807 meters			35°00'S 118°30'W		
	Depth 1485 meters			33°23'S 115°36'W		
	Depth 819 meters			34°19'S 111°37'W		
	Depth 1235 meters			33°48'S 112°26'W		
	Depth 955 meters			31°02'S 113°05'W		
				(NTM0014/2006)		
★62 (INT 62)	3Ed. 6/22/96	LAST NM 11/06	19/06			
Add	Depth 3330 meters enclosed by dashed-line circle			45°26'S 92°27'W		
				(NTM0024/2006)		
62 (INT 62)	3Ed. 6/22/96	LAST NM 19/06	1/07			
Add	Legend "Tide Rips" and symbol [H44]			11°08'N 93°00'W		
	Legend "Lesser depths to 318m rep"			12°25'N 91°45'W		
				(US CH 21026; NTM0042/2006)		
62 (INT 62)	3Ed. 6/22/96	LAST NM 1/07	4/07			
Substitute	Depth 230 meters for 256 meters and enclosing dotted-line circle			5°29'N 88°34'W		
				(NTM0042/2006)		
62 (INT 62)	3Ed. 6/22/96	LAST NM 4/07	6/07			
Add	Depth 517 meters enclosed by dashed-line circle			10°23'S 94°36'W		
	Depth 1027 meters enclosed by dashed-line circle			14°17'S 97°23'W		
	Depth 1139 meters enclosed by dashed-line circle			14°09'S 96°35'W		
	Depth 1509 meters enclosed by dashed-line circle			15°25'S 99°04'W		
						Depth 1584 meters enclosed by dashed-line circle
						(NTM0014/2006)
62 (INT 62)	3Ed. 6/22/96	LAST NM 6/07	16/07			
Add	Area "#66" (Red Dot Area), predicted depth 0 meter, bound by purple dashed line joining					
						43°11'S 98°08'W 43°16'S 97°25'W 43°58'S 97°06'W 43°18'S 98°14'W
62 (INT 62)	3Ed. 6/22/96	LAST NM 16/07	18/07			
Delete	R Bn at light			33°01'S 71°39'W		
						Substitute Racon for R Bn at light
						(5/569)03 Taunton; 10(111)05 Valparaiso)
62 (INT 62)	3Ed. 6/22/96	LAST NM 18/07	41/07			
Add	Depth 254 meters			26°21'S 106°33'W		
	Depth 214 meters			26°38'S 106°13'W		
	Depth 608 meters			26°26'S 105°52'W		
	Depth 614 meters			26°24'S 104°51'W		
	Depth 415 meters			26°06'S 103°50'W		
	Depth 431 meters			25°59'S 103°21'W		
	Depth 179 meters			26°02'S 102°26'W		
	Depth 1304 meters			26°26'S 101°38'W		
	Depth 330 meters			26°00'S 100°44'W		
	Depth 987 meters			26°02'S 100°00'W		
	Depth 579 meters			27°06'S 109°41'W		
	Depth 581 meters			26°54'S 107°31'W		
	Depth 1399 meters			28°00'S 107°26'W		
	Depth 463 meters			27°10'S 106°29'W		
	Depth 1100 meters			27°36'S 105°39'W		
	Depth 976 meters			27°09'S 102°23'W		
	Depth 1051 meters			26°59'S 100°47'W		
	Depth 721 meters			26°36'S 104°55'W		
				(NTM0011/2007)		
62 (INT 62)	3Ed. 6/22/96	LAST NM 41/07	45/07			
Substitute	Depth 237 meters for 230 meters			5°29'N 88°34'W		
	(See 4/07-62)					
				(NTM0026/2007)		
62 (INT 62)	3Ed. 6/22/96	LAST NM 41/07	47/07			
Add	Depth 524 meters			6°29'N 81°53'W		
	Depth 679 meters			8°19'N 85°01'W		
				(NTM0026/2007)		
62 (INT 62)	3Ed. 6/22/96	LAST NM 47/07	20/08			
Add	Depth 439 meters "Rep (2007)"			14°52'S 97°35'W		
	Depth 298 meters "Rep (2007)"			26°10'S 91°40'W		
	Depth 77 meters "Rep (2007)"			25°50'S 90°58'W		
	Depth 459 meters "Rep (2007)"			25°08'S 90°46'W		
	Depth 479 meters "Rep (2007)"			27°05'S 109°42'W		
	Depth 24 meters "Rep (2007)"			26°21'S 106°30'W		
	Depth 267 meters "Rep (2007)"			27°07'S 106°25'W		
	Depth 240 meters "Rep (2007)"			26°03'S 103°50'W		
	Depth 317 meters "Rep (2007)"			26°55'S 102°04'W		
	Depth 165 meters "Rep (2007)"			26°15'S 101°45'W		
	Depth 170 meters "Rep (2007)"			26°04'S 101°19'W		
	Depth 514 meters "Rep (2007)"			26°54'S 100°42'W		
	Depth 287 meters "Rep (2007)"			26°40'S 106°10'W		
	Depth 322 meters "Rep (2007)" (PA)			10°31'S 94°35'W		
	Depth 233 meters "Rep (2007)" (PA)			25°30'S 92°50'W		
	Depth 92 meters "Rep (2007)" (PA)			24°55'S 91°15'W		
	Depth 373 meters "Rep (2007)" (PA)			25°10'S 90°23'W		
	Depth 176 meters "Rep (2007)" (PA)			25°05'S 100°05'W		
	Danger circle [K1] "Shoal rep (2007)"			26°10'S 102°56'W		
	Danger circle [K1] "Shoal rep (2007)"			25°00'S 97°40'W		
	Danger circle [K1] "Shoal rep (2007)"			27°10'S 109°20'W		
	Danger circle [K1] "Shoal rep (2007)"			26°00'S 102°10'W		
						"Depths to 298m rep (2007)" area bound by dashed line joining
						25°26'S 99°09'W
						25°26'S 98°50'W
						25°43'S 98°50'W
						25°43'S 99°09'W

(continued on next page)

62 (Continued) 20/08  
 "Depths to 187m rep (2007)" area bound by dashed line joining  
 25°48'S 101°00'W  
 25°48'S 100°32'W  
 26°04'S 100°32'W  
 25°57'S 101°00'W

"Shoal rep (2007)" area bound by dotted line joining  
 25°00'S 99°51'W  
 25°00'S 99°16'W  
 25°20'S 99°16'W  
 25°10'S 99°51'W

"Shoal rep (2007)" area bound by dotted line joining  
 25°00'S 98°53'W  
 25°00'S 98°22'W  
 25°11'S 98°22'W  
 25°11'S 98°53'W

"Shoal rep (2007)" area bound by dotted line joining  
 25°42'S 95°40'W  
 25°30'S 94°29'W  
 25°45'S 94°25'W  
 25°56'S 95°39'W

"Shoal rep (2007)" area bound by dotted line joining  
 26°16'S 105°35'W  
 26°26'S 104°52'W  
 26°42'S 104°52'W  
 26°27'S 105°39'W

(NTM0009/2007)

62 (INT 62) 3Ed. 6/22/96 LAST NM 20/08 34/08  
 Add Depth 134 meters 10°33'N 109°35'W  
 (NTM0004/2007)

62 (INT 62) 3Ed. 6/22/96 LAST NM 34/08 35/08  
 Add Depth 606 meters "Rep (2007)" 24°59'S 98°16'W  
 Depth 560 meters "Rep (2007)" 25°19'S 93°35'W  
 Depth 626 meters "Rep (2007)" 25°35'S 92°45'W  
 Depth 606 meters "Rep (2007)" 25°11'S 100°55'W  
 (NTM0009/2007)

62 (INT 62) 3Ed. 6/22/96 LAST NM 35/08 43/08  
 Add Depth 192 meters 0°08'S 89°15'W  
 Depth 450 meters 1°17'S 88°49'W  
 Depth 340 meters 0°32'S 88°32'W  
 Depth 611 meters 1°06'S 88°24'W  
 (NTM0026/2007)

62 (INT 62) 3Ed. 6/22/96 LAST NM 43/08 41/09  
 Substitute Depth 179 meters for 227 meters 5°00'N 87°25'W  
 (NTM0011/2009)

62 (INT 62) 3Ed. 6/22/96 LAST NM 41/09 23/10  
 Substitute Depth 199 meters for 308 meters 25°10'S 100°53'W  
 Depth 288 meters for 862 meters 25°58'S 100°46'W

Add Depth 164 meters 25°52'S 100°49'W  
 Depth 305 meters 25°08'S 99°48'W  
 (3(20)10 Valparaiso)

62 (INT 62) 3Ed. 6/22/96 LAST NM 23/10 26/10  
 Add Superbuoy ODAS [Q58] Y, FI(5) Y 15s 32°59'S 71°49'W  
 (12(122)09 Valparaiso)

★62 (INT 62) 3Ed. 6/22/96 LAST NM 26/10 36/10  
 Delete R Bn at light 42°44'S 63°44'W  
 R Bn at light 47°10'S 65°46'W  
 R Bn at light 52°20'S 68°23'W  
 Depth 322 meters "Rep (2007)" (PA) 10°31'S 94°35'W  
 Depth 517 meters 10°23'S 94°36'W  
 Depth 606 meters "Rep (2007)" 24°59'S 98°16'W  
 Depth 626 meters "Rep (2007)" 25°35'S 92°45'W  
 Danger circle "Shoal rep (2007)" 26°10'S 102°56'W  
 Depth 24 meters "Rep (2007)" 26°21'S 106°30'W  
 Depth 287 meters "Rep (2007)" 26°40'S 106°10'W  
 Depth 267 meters "Rep (2007)" 27°07'S 106°25'W

Substitute Depth 413 meters for 460 meters 24°59'S 98°13'W

Add Depth 427 meters enclosed by depth contour (1000-meter) centered 10°26'S 94°35'W  
 Depth 610 meters enclosed by depth contour (1000-meter) centered 25°35'S 92°51'W

Depth 252 meters enclosed by depth contour (1000-meter) centered 26°11'S 102°59'W  
 Depth 248 meters enclosed by depth contour (1000-meter) centered 26°21'S 106°32'W  
 Depth 188 meters, blue tint and enclosing depth contour (200-meter) centered 26°39'S 106°12'W  
 Depth 422 meters enclosed by depth contour (1000-meter) centered 27°09'S 106°29'W  
 (12(120)03 Buenos Aires; NTM0019/2010)

62 (INT 62) 3Ed. 6/22/96 LAST NM 36/10 49/10  
 Substitute Depth 171 meters enclosed by dotted-line circle for 230 meters 46°05'S 83°49'W  
 (6(56)09 Valparaiso)

★62 (INT 62) 3Ed. 6/22/96 LAST NM 49/10 7/11  
 Delete Depth 478 meters 25°38'S 99°05'W

Depth 310 meters and enclosing dotted-line circle centered 25°08'S 97°35'W

Substitute Depth 226 meters enclosed by depth contour (1000-meter) for 249 meters 25°04'S 97°28'W

Add Depth 477 meters enclosed by depth contour (1000-meter) centered 25°10'S 99°31'W  
 Depth 377 meters enclosed by depth contour (1000-meter) centered 25°27'S 99°04'W  
 Note: Dashed-line area and legend "Depths...(2007)" remains  
 (NTM0016/2010)

62 (INT 62) 3Ed. 6/22/96 LAST NM 7/11 36/11  
 Add Depth 188 meters, blue tint and enclosing dotted-line circle centered 22°06'S 81°18'W

Depth 313 meters enclosed by dotted-line circle centered 20°45'S 80°53'W  
 (NTM0014/2011)

★62 (INT 62) 3Ed. 6/22/96 LAST NM 36/11 39/12  
 Delete Depth 298 meters "Rep (2007)" 26°10'S 91°40'W  
 Depth 77 meters "Rep (2007)" 25°50'S 90°58'W  
 Depth 459 meters "Rep (2007)" 25°08'S 90°46'W

Add Depth 413 meters enclosed by depth contour (1000-meter) centered 26°11'S 91°39'W  
 Depth 267 meters enclosed by depth contour (1000-meter) centered 25°51'S 90°57'W  
 Depth 880 meters enclosed by depth contour (1000-meter) centered 27°17'S 91°38'W  
 (NTM0004/2012)

62 (INT 62) 3Ed. 6/22/96 LAST NM 39/12 11/13  
 Delete Depth 880 meters and enclosing depth contour (1000-meter) centered 27°17'S 91°38'W  
 (See 39/12-62)  
 (NTM0005/2013)

62 (INT 62) 3Ed. 6/22/96 LAST NM 11/13 18/13  
 Delete Depth 14 meters, blue tint and enclosing dotted-line circle centered 35°10'S 72°47'W  
 Depth 13 meters, blue tint and enclosing dotted-line circle centered 35°18'S 72°46'W  
 Depth 18 meters, blue tint and enclosing dotted-line circle centered 36°11'S 73°25'W

Depth 29 meters 36°21'S 73°35'W  
 (NTM0002/2013)

62 (INT 62) 3Ed. 6/22/96 LAST NM 18/13 3/14  
 Add Wreck [K29] 33°57'S 72°24'W  
 Wreck [K29] 32°03'S 74°06'W  
 (7(76), 8(89)13 Valparaiso)

62 (INT 62) 3Ed. 6/22/96 LAST NM 3/14 38/14  
 Add Buoy ODAS [Q58] "DART II", Y, can 20°28'S 73°26'W  
 Buoy ODAS [Q58] "DART II", Y, can 26°45'S 73°59'W  
 (8(105)14 Valparaiso)

★62 (INT 62) 3Ed. 6/22/96 LAST NM 38/14 28/16  
 Add Depth 643 meters 19°38'S 80°18'W

(continued on next page)



<b>62</b>	(Continued)		28/16						Depth 883 meters enclosed by depth contour (1000-meter) centered	45°49'S 43°09'E
		Depth 517 meters enclosed by depth contour (1000-meter) centered	22°36'S 83°42'W						Depth 1597 meters enclosed by depth contour (2000-meter) centered	48°42'S 44°14'E
		Depth 397 meters enclosed by depth contour (1000-meter) centered	23°47'S 82°19'W						Depth 75 meters "Rep (2006)" [I3.2]	42°56'S 41°54'E
		Depth 737 meters enclosed by depth contour (1000-meter) centered	23°54'S 83°38'W						Depth 956 meters enclosed by depth contour (1000-meter) centered	43°16'S 41°53'E
		Depth 422 meters enclosed by depth contour (1000-meter) centered	25°34'S 89°42'W						Depth 924 meters enclosed by depth contour (1000-meter) centered	43°33'S 40°45'E
		Depth 729 meters	24°28'S 83°31'W						(NTM0021/2007)	
		Depth 910 meters	24°22'S 83°46'W							
		and enclose above depths (2) by depth contour (1000-meter)								
		(NTM0003/2016)								
<b>62</b>	(INT 62)	3Ed. 6/22/96 LAST NM	28/16	52/16					<b>70</b> (INT 70)	4Ed. 9/21/96 LAST NM 35/07 38/07
Delete		Depth 16 meters, blue tint and enclosing dotted-line circle centered	12°14'S 77°37'W						Add	Depth 1528 meters 39°58'S 76°32'E
		(2(143)13 Taunton)								Depth 1568 meters 39°37'S 77°40'E
										Depth 920 meters 37°50'S 78°44'E
										Depth 159 meters, blue tint and enclosing depth contour (200-meter) centered
										38°28'S 77°57'E
									(NTM0011/2007)	
<b>★63</b>		24Ed. 12/6/18 NEW EDITION (USHO)		49/18					<b>70</b> (INT 70)	4Ed. 9/21/96 LAST NM 38/07 39/07
									Add	Depth 540 meters "Rep" 35°10'S 80°39'E
										Depth 428 meters 32°30'S 82°22'E
										Depth 1795 meters 30°01'S 85°45'E
										Depth 994 meters 32°21'S 85°16'E
									(NTM0011/2007)	
									<b>70</b> (INT 70)	4Ed. 9/21/96 LAST NM 39/07 51/08
									Substitute	Depth 9 meters for 71 meters 38°14'S 77°45'E
										(26(53)08 Brest)
									<b>★70</b> (INT 70)	4Ed. 9/21/96 LAST NM 51/08 18/09
									Add	"Depths to 111m rep (2008)" area bound by dashed-line circle, radius 7 miles, centered
										30°13'S 87°19'E
										"Depths to 563m rep (2008)" area bound by dashed-line circle, radius 7 miles, centered
										31°29'S 86°12'E
									(NTM0009/2009)	
									<b>70</b> (INT 70)	4Ed. 9/21/96 LAST NM 18/09 4/10
									Substitute	Depth 198 meters "Rep (2009)" [I3.2] for 428 meters 32°30'S 82°22'E
									Add	Depth 359 meters "Rep (2009)" [I3.2] 32°49'S 84°01'E
										Depth 167 meters "Rep (2009)" [I3.2] 33°44'S 82°57'E
										Depth 200 meters "Rep (2009)" [I3.2] 34°05'S 82°49'E
										Depth 560 meters "Rep (2009)" [I3.2] 34°33'S 82°00'E
									(NTM0011/2009)	
									<b>★70</b> (INT 70)	4Ed. 9/21/96 LAST NM 4/10 7/10
									Add	"Depths to 331m rep (2009)" area bound by dashed line joining
										31°30'S 95°10'E
										31°48'S 95°45'E
										32°02'S 95°35'E
										31°43'S 95°00'E
										"Shoal rep (2009)" area bound by dotted line joining
										38°25'S 77°37'E
										38°25'S 77°53'E
										38°44'S 77°45'E
										38°58'S 78°01'E
										39°08'S 77°45'E
										39°42'S 77°21'E
										"Depths to 143m rep (2009)" blue tint area bound by dashed line joining
										45°15'S 41°45'E
										45°15'S 42°10'E
										46°13'S 43°21'E
										46°44'S 42°46'E
										46°17'S 41°45'E
										"Shoal rep (2009)" area bound by dotted line joining
										45°22'S 49°10'E
										45°22'S 50°00'E
										46°38'S 50°00'E
										46°38'S 49°10'E
									(NTM0011/2009)	
									<b>★70</b> (INT 70)	4Ed. 9/21/96 LAST NM 7/10 48/15
									Add	Depth 1640 meters "Rep (2015)" enclosed by dotted-line circle [I3.2] centered
										15°08'S 87°46'E
									(NTM0032/2015)	

70 (INT 70) 4Ed. 9/21/96 LAST NM 48/15 41/16  
Delete RC (AERO) 10°31'S 105°39'E  
(24(1062)07 Wollongong)

70 (INT 70) 4Ed. 9/21/96 LAST NM 41/16 47/16  
Delete RC (Aero) 11°35'S 47°18'E  
(51(44)10 Brest)

★71 (INT 71) 4Ed. 8/31/91 NEW EDITION 41/91  
(DMAHTC)

71 (INT 71) 4Ed. 8/31/91 LAST NM 41/91 47/91  
Delete Depth 29 meters 12°15'S 47°04'E  
Dangerous submerged rock 11°58'S 46°27'E  
Danger circle "Reef Rep (1974)" (ED) 11°43'S 46°15'E  
(26(28)91 Brest)

71 (INT 71) 4Ed. 8/31/91 LAST NM 47/91 7/92  
Delete Depth 521 meters 11°10'S 52°39'E  
(MCC1165/92)

71 (INT 71) 4Ed. 8/31/91 LAST NM 7/92 11/92  
Add R Bn (AERO) 7°08'S 56°16'E  
Depth 389 meters 11°44'N 55°08'E  
(50(3553)91, 1(51)92 Taunton)

71 (INT 71) 4Ed. 8/31/91 LAST NM 11/92 49/92  
Delete RC at light 20°20'N 86°44'E  
Add RC at light 20°15'N 86°39'E  
(9(190)92 Dehra Dun; BA RA)

71 (INT 71) 4Ed. 8/31/91 LAST NM 49/92 9/93  
Add Danger circle "Discol water (1992)" 11°35'N 55°57'E  
R Bn (AERO) 0°42'S 73°10'E  
(MCC1232/93; 32(2370)92 Taunton)

71 (INT 71) 4Ed. 8/31/91 LAST NM 9/93 11/93  
Delete Light 21°39'N 69°33'E  
Add RC 21°37'N 69°37'E  
(29(2086)91 Taunton; 19(358)92 Dehra Dun)

71 (INT 71) 4Ed. 8/31/91 LAST NM 11/93 15/93  
Add RC at light 19°15'N 84°54'E  
(BA RA)

71 (INT 71) 4Ed. 8/31/91 LAST NM 15/93 16/93  
Add RC at light 17°00'N 73°13'E  
(23(434)92 Dehra Dun)

71 (INT 71) 4Ed. 8/31/91 LAST NM 16/93 38/93  
Substitute Depth  
386 meters for 631 meters 13°00'N 53°54'E  
12 meters for 36 meters 8°10'N 78°24'E  
59 meters for 100 meters 11°48'N 93°30'E  
Add Light symbol 14°06'N 42°48'E  
15°48'N 52°06'E  
Light flare symbol to platform 19°30'S 116°52'E  
(BA CH 4071)

71 (INT 71) 4Ed. 8/31/91 LAST NM 38/93 16/94  
Add Light symbol and RC 14°15'N 80°08'E  
(7(122)93 Dehra Dun)

71 (INT 71) 4Ed. 8/31/91 LAST NM 16/94 6/95  
Add Depth 120 meters 12°15'N 73°45'E  
(48(4020)94 Taunton)

71 (INT 71) 4Ed. 8/31/91 LAST NM 6/95 34/95  
Delete RC (AERO) 11°39'N 92°43'E  
19°45'S 63°22'E

RC (AERO) at light 17°03'S 42°42'E  
15°52'S 54°29'E  
2°00'N 45°20'E

Add RC (AERO) 7°17'S 72°23'E  
(BA RA) 4°02'S 39°37'E

71 (INT 71) 4Ed. 8/31/91 LAST NM 34/95 37/95  
Substitute Light symbol with RC (AERO) for  
RC (AERO) 22°21'S 40°20'E  
(26(2075)95 Taunton)

71 (INT 71) 4Ed. 8/31/91 LAST NM 37/95 40/95  
Add Depth 650 meters 9°15'S 53°00'E  
(24(23)95 Brest)

71 (INT 71) 4Ed. 8/31/91 LAST NM 40/95 46/95  
Delete RC (AERO) 11°30'N 43°07'E  
(BA RA)

71 (INT 71) 4Ed. 8/31/91 LAST NM 46/95 6/96  
Delete Depth 120 meters 12°15'N 73°45'E  
(Supersedes 6/95-71)  
(48(3947)95 Taunton)

71 (INT 71) 4Ed. 8/31/91 LAST NM 6/96 8/96  
Add Depth 311 meters 24°45'N 61°51'E  
(Pak CH 33)

71 (INT 71) 4Ed. 8/31/91 LAST NM 8/96 14/96  
Delete RC (AERO) 20°26'S 57°40'E  
23°20'S 43°45'E  
(BA RA)

71 (INT 71) 4Ed. 8/31/91 LAST NM 14/96 15/96  
Add Depth 203 meters 7°39'N 76°34'E  
(BA CH 1566)

71 (INT 71) 4Ed. 8/31/91 LAST NM 15/96 40/97  
Add Depth 317 meters 8°47'S 70°17'E  
(27(2361)97 Taunton)

71 (INT 71) 4Ed. 8/31/91 LAST NM 40/97 41/97  
Add Depth 235 meters 9°24'N 74°39'E  
(13(271)97 Dehra Dun)

71 (INT 71) 4Ed. 8/31/91 LAST NM 41/97 3/99  
Delete RC at light 17°41'N 83°17'E  
(17(383)98 Dehra Dun)

71 (INT 71) 4Ed. 8/31/91 LAST NM 3/99 38/99  
Delete RC at light 22°29'N 69°04'E  
Note: Racon remains  
(11(216)98 Dehra Dun)

71 (INT 71) 4Ed. 8/31/91 LAST NM 38/99 49/99  
Delete RC at light 8°16'N 73°02'E  
(31(2755)98 Taunton)

71 (INT 71) 4Ed. 8/31/91 LAST NM 49/99 16/00  
Delete Racon at light 22°29'N 69°04'E  
(See 38/99-71)  
(24(505)98 Dehra Dun)

71 (INT 71) 4Ed. 8/31/91 LAST NM 16/00 3/01  
Add Depth 645 meters 12°08'N 47°30'E  
(22(1993)99 Taunton)

71 (INT 71) 4Ed. 8/31/91 LAST NM 3/01 7/01  
Delete Depth 389 meters 11°44'N 55°08'E  
Depth 600 meters 13°28'N 50°05'E  
Depth 401 meters 19°21'N 39°31'E  
Add Depth 200 meters 11°47'N 55°11'E  
Depth 547 meters 12°09'N 47°06'E

(continued on next page)

71 (Continued)			7/01	
Depth 523 meters		13°28'N	50°09'E	
Depth 224 meters		14°32'N	49°49'E	
Depth 205 meters		19°33'N	39°24'E	
(38(3493-3495)99 Taunton)				
71 (INT 71)	4Ed. 8/31/91	LAST NM	7/01	8/01
Add	Depth 185 meters enclosed by depth contour (200-meter)		4°26'N	72°40'E
(11(1037)99 Taunton)				
71 (INT 71)	4Ed. 8/31/91	LAST NM	8/01	43/01
Add	Racon [S3.1] at light		13°25'N	80°20'E
(21(443)99 Dehra Dun)				
71 (INT 71)	4Ed. 8/31/91	LAST NM	43/01	7/03
Delete	Depth 23 meters, blue tint and enclosing dotted-line circle in vicinity		10°25'S	57°30'E
	Depth 22 meters, blue tint and enclosing dotted-line circle in vicinity		6°26'S	58°32'E
(13(36)02 Brest)				
71 (INT 71)	4Ed. 8/31/91	LAST NM	7/03	34/03
Delete	RC (Aero)		12°09'S	96°49'E
(BA RA)				
71 (INT 71)	4Ed. 8/31/91	LAST NM	34/03	24/09
Delete	Depth 2758 meters		12°22'N	61°17'E
Add	Depth 2661 meters		12°26'N	61°19'E
(50(6783)08 Taunton)				
71 (INT 71)	4Ed. 8/31/91	LAST NM	24/09	46/09
Delete	Depth 486 meters and enclosing depth contour (1000-meter) centered		7°31'N	92°26'E
(NTM0011/2009)				
71 (INT 71)	4Ed. 8/31/91	LAST NM	46/09	38/11
Substitute	Depth 157 meters, blue tint and enclosing depth contour (200-meter) for 218 meters		8°32'N	73°17'E
Add	Depth 370 meters enclosed by depth contour (1000-meter) centered		9°19'N	73°28'E
	Depth 350 meters enclosed by depth contour (1000-meter) centered		7°17'N	72°34'E
(UKHO ARCS 2738-0)				
71 (INT 71)	4Ed. 8/31/91	LAST NM	38/11	11/12
Substitute	Islet [K10] for light symbol		15°32'N	41°49'E
(9(883)12 Taunton)				
71 (INT 71)	4Ed. 8/31/91	LAST NM	11/12	48/15
Add	Depth 1640 meters "Rep (2015)" enclosed by dotted-line circle [I3.2] centered		15°08'S	87°46'E
(NTM0032/2015)				
71 (INT 71)	4Ed. 8/31/91	LAST NM	48/15	41/16
Delete	RC (AERO)		10°30'S	105°36'E
(24(1062)07 Wollongong)				
71 (INT 71)	4Ed. 8/31/91	LAST NM	41/16	47/16
Delete	RC (Aero)		11°34'S	47°18'E
(51(44)10 Brest)				
★72 (INT 72)	4Ed. 5/11/96	NEW EDITION	28/96	
Add	Light symbol (Previously published 21/96)		24°32'S	35°12'E
(DMA)				
72 (INT 72)	4Ed. 5/11/96	LAST NM	28/96	39/96
Delete	Depth 633 meters		41°28'S	42°54'E
	4574 meters		42°04'S	42°38'E
Add	Depth 270 meters		41°24'S	42°54'E
	404 meters		42°04'S	42°45'E
	553 meters		38°25'S	48°22'E
(32(2697)96 Taunton)				
72 (INT 72)	4Ed. 5/11/96	LAST NM	39/96	40/97
Add	Depth 317 meters		8°47'S	70°17'E
(27(2361)97 Taunton)				
72 (INT 72)	4Ed. 5/11/96	LAST NM	40/97	15/98
Add	Depth 553 meters		47°25'S	65°34'E
(41(3653)97 Taunton)				
72 (INT 72)	4Ed. 5/11/96	LAST NM	15/98	38/99
Delete	RC at light		22°29'N	69°04'E
	Note: Racon remains			
(11(216)98 Dehra Dun)				
72 (INT 72)	4Ed. 5/11/96	LAST NM	38/99	49/99
Delete	RC at light		8°16'N	73°02'E
(31(2755)98 Taunton)				
72 (INT 72)	4Ed. 5/11/96	LAST NM	49/99	16/00
Delete	Racon at light (See 38/99-72)		22°29'N	69°04'E
(24(505)98 Dehra Dun)				
72 (INT 72)	4Ed. 5/11/96	LAST NM	16/00	34/00
Delete	RC at light		34°21'S	18°29'E
	RC at light		28°31'S	32°24'E
	RC at light		29°56'S	31°00'E
	RC at light		34°01'S	25°42'E
	RC and RC (AERO) at light		33°02'S	27°54'E
(3(36)00 Cape Town)				
72 (INT 72)	4Ed. 5/11/96	LAST NM	34/00	3/01
Add	Depth 645 meters		12°08'N	47°30'E
(22(1993)99 Taunton)				
72 (INT 72)	4Ed. 5/11/96	LAST NM	3/01	7/01
Delete	Depth 401 meters		19°21'N	39°31'E
Substitute	Depth 200 meters for 389 meters		11°47'N	55°11'E
	Depth 523 meters for 600 meters		13°28'N	50°09'E
Add	Depth 547 meters		12°09'N	47°06'E
	Depth 224 meters		14°32'N	49°49'E
	Depth 205 meters		19°33'N	39°24'E
(38(3493-3495)99 Taunton)				
72 (INT 72)	4Ed. 5/11/96	LAST NM	7/01	8/01
Add	Depth 185 meters enclosed by depth contour (200-meter)		4°26'N	72°40'E
(11(1037)99 Taunton)				
72 (INT 72)	4Ed. 5/11/96	LAST NM	8/01	7/03
Delete	Depth 23 meters, blue tint and enclosing dotted-line circle in vicinity		10°25'S	57°30'E
	Depth 22 meters, blue tint and enclosing dotted-line circle in vicinity		6°26'S	58°32'E
(13(36)02 Brest)				
72 (INT 72)	4Ed. 5/11/96	LAST NM	7/03	8/07
Add	Depth 1710 meters enclosed by dashed-line circle		29°08'S	44°11'E
	Depth 969 meters enclosed by dashed-line circle		34°32'S	43°12'E
(NTM0014/2006)				
72 (INT 72)	4Ed. 5/11/96	LAST NM	8/07	35/07
Add	Depth 854 meters enclosed by depth contour (1000-meter) centered		43°33'S	39°35'E
	Depth 883 meters enclosed by depth contour (1000-meter) centered		45°49'S	43°09'E
	Depth 1597 meters enclosed by depth contour (2000-meter) centered		48°42'S	44°14'E
	Depth 75 meters "Rep (2006)" [I3.2]		42°56'S	41°54'E
	Depth 956 meters enclosed by depth contour (1000-meter) centered		43°16'S	41°53'E
	Depth 924 meters enclosed by depth contour (1000-meter) centered		43°33'S	40°45'E
(NTM0021/2007)				

★72 (INT 72) 4Ed. 5/11/96 LAST NM 35/07 23/09  
 Add "Depths to 417m rep (2008)" area bound by dashed-line circle, radius 6 miles, centered 42°39'S 42°41'E  
 "Depths to 576m rep (2008)" area bound by dashed-line circle, radius 5 miles, centered 43°13'S 41°55'E  
 "Depths to 44m rep (2008)" area bound by dashed-line circle, radius 6 miles, centered 48°22'S 44°09'E  
 "Depths to 359m rep (2008)" area bound by dashed-line circle, radius 7 miles, centered 43°46'S 38°54'E  
 "Depths to 536m rep (2008)" area bound by dashed-line circle, radius 6 miles, centered 46°59'S 33°51'E  
 (NTM0009/2009)

72 (INT 72) 4Ed. 5/11/96 LAST NM 23/09 24/09  
 Delete Depth 2758 meters 12°22'N 61°17'E

Add Depth 2661 meters 12°26'N 61°19'E  
 (50(6783)08 Taunton)

★72 (INT 72) 4Ed. 5/11/96 LAST NM 24/09 7/10  
 Add "Depths to 143m rep (2009)" blue tint area bound by dashed line joining 45°15'S 41°45'E  
 45°15'S 42°10'E  
 46°13'S 43°21'E  
 46°44'S 42°46'E  
 46°17'S 41°45'E

"Shoal rep (2009)" area bound by dotted line joining 45°22'S 49°10'E  
 45°22'S 50°00'E  
 46°38'S 50°00'E  
 46°38'S 49°10'E  
 (NTM0011/2009)

72 (INT 72) 4Ed. 5/11/96 LAST NM 7/10 38/11  
 Substitute Depth 157 meters, blue tint and enclosing depth contour (200-meter) for 218 meters 8°32'N 73°17'E

Add Depth 370 meters enclosed by depth contour (1000-meter) centered 9°19'N 73°28'E  
 (UKHO ARCS 2738-0)

72 (INT 72) 4Ed. 5/11/96 LAST NM 38/11 11/12  
 Substitute Islet [K10] for light symbol 15°32'N 41°49'E  
 (9(883)12 Taunton)

72 (INT 72) 4Ed. 5/11/96 LAST NM 11/12 17/15  
 Delete Legend "Davie Seamount" 36°31'S 24°55'E

Add Legend "Davie Seamount" at depth 1056 meters 36°22'S 23°24'E  
 (NTM0012/2015)

72 (INT 72) 4Ed. 5/11/96 LAST NM 17/15 47/16  
 Delete RC (Aero) 11°34'S 47°18'E  
 (51(44)10 Brest)

★73 (INT 73) 4Ed. 2/3/96 NEW EDITION 14/96  
 Delete Depth 120 meters (Previously published 6/96) 12°15'N 73°45'E

Add Depth 311 meters (Previously published 8/96) 24°45'N 61°51'E  
 (DMA)

73 (INT 73) 4Ed. 2/3/96 LAST NM 14/96 15/96  
 Add Depth 203 meters 7°39'N 76°34'E  
 (BA CH 1566)

73 (INT 73) 4Ed. 2/3/96 LAST NM 15/96 19/96  
 Delete Depth 900 meters 32°01'S 96°15'E

Add Depth 632 meters 48°02'S 72°45'E  
 101 meters 37°44'S 77°55'E  
 71 meters 38°14'S 77°44'E  
 678 meters 27°18'S 87°20'E  
 686 meters 32°01'S 96°21'E  
 (13(1097, 1098)96 Taunton)

73 (INT 73) 4Ed. 2/3/96 LAST NM 19/96 40/97  
 Add Depth 317 meters 8°47'S 70°17'E  
 (27(2361)97 Taunton)

73 (INT 73) 4Ed. 2/3/96 LAST NM 40/97 41/97  
 Add Depth 235 meters 9°24'N 74°39'E  
 (13(271)97 Dehra Dun)

73 (INT 73) 4Ed. 2/3/96 LAST NM 41/97 15/98  
 Add Depth 553 meters 47°25'S 65°34'E  
 292 meters 49°38'S 66°48'E  
 270 meters 49°44'S 64°55'E  
 (41(3653)97 Taunton)

73 (INT 73) 4Ed. 2/3/96 LAST NM 15/98 2/99  
 Substitute Depth 72 meters for 90 meters 39°00'S 77°43'E  
 (35(23)98 Brest)

73 (INT 73) 4Ed. 2/3/96 LAST NM 2/99 4/99  
 Delete R Bn at light 17°40'N 83°18'E  
 (17(383)98 Dehra Dun)

73 (INT 73) 4Ed. 2/3/96 LAST NM 4/99 38/99  
 Delete R Bn at light 22°29'N 69°04'E  
 Note: Racon remains  
 (11(216)98 Dehra Dun)

73 (INT 73) 4Ed. 2/3/96 LAST NM 38/99 49/99  
 Delete R Bn at light 8°16'N 73°02'E  
 (31(2755)98 Taunton)

73 (INT 73) 4Ed. 2/3/96 LAST NM 49/99 16/00  
 Delete Racon at light 22°29'N 69°04'E  
 (See 38/99-73)  
 (24(505)98 Dehra Dun)

73 (INT 73) 4Ed. 2/3/96 LAST NM 16/00 8/01  
 Add Depth 185 meters enclosed by depth contour (200-meter) 4°26'N 72°40'E  
 (11(1037)99 Taunton)

73 (INT 73) 4Ed. 2/3/96 LAST NM 8/01 34/03  
 Delete R Bn (Aero) 12°09'S 96°49'E  
 (BA RA)

73 (INT 73) 4Ed. 2/3/96 LAST NM 34/03 38/07  
 Add Depth 1528 meters 39°58'S 76°32'E  
 Depth 1568 meters 39°37'S 77°40'E

Depth 159 meters, blue tint and enclosing depth contour (200-meter) centered 38°28'S 77°57'E  
 (NTM0011/2007)

73 (INT 73) 4Ed. 2/3/96 LAST NM 38/07 39/07  
 Add Depth 540 meters "Rep" 35°10'S 80°39'E  
 Depth 428 meters 32°30'S 82°22'E  
 Depth 1795 meters 30°01'S 85°45'E  
 Depth 994 meters 32°21'S 85°16'E  
 (NTM0011/2007)

73 (INT 73) 4Ed. 2/3/96 LAST NM 39/07 51/08  
 Substitute Depth 9 meters, blue tint and enclosing depth contour (200-meter) for 71 meters 38°14'S 77°45'E  
 (26(53)08 Brest)

73 (INT 73) 4Ed. 2/3/96 LAST NM 51/08 18/09  
 Add "Depths to 111m rep (2008)" area bound by dashed-line circle, radius 7 miles, centered 30°13'S 87°19'E  
 "Depths to 563m rep (2008)" area bound by dashed-line circle, radius 7 miles, centered 31°29'S 86°12'E  
 (NTM0009/2009)

73 (INT 73) 4Ed. 2/3/96 LAST NM 18/09 24/09  
 Delete Depth 2758 meters 12°22'N 61°17'E

Add Depth 2661 meters 12°26'N 61°19'E  
 (50(6783)08 Taunton)

73 (INT 73) 4Ed. 2/3/96 LAST NM 24/09 46/09  
 Delete Depth 486 meters and enclosing depth contour (1000-meter) centered 7°31'N 92°26'E  
 (NTM0011/2009)

<b>73</b> (INT 73)	4Ed. 2/3/96	LAST NM 46/09	4/10				
Substitute	Depth 198 meters "Rep (2009)" [I3.2] for 428 meters		32°30'S 82°22'E				
Add	Depth 359 meters "Rep (2009)" [I3.2]		32°49'S 84°01'E				
	Depth 167 meters "Rep (2009)" [I3.2]		33°44'S 82°57'E				
	Depth 200 meters "Rep (2009)" [I3.2]		34°05'S 82°49'E				
	Depth 560 meters "Rep (2009)" [I3.2]		34°33'S 82°00'E				
	(NTM0011/2009)						
<b>★73</b> (INT 73)	4Ed. 2/3/96	LAST NM 4/10	7/10				
Add	"Depths to 331m rep (2009)" area bound by dashed line joining		31°30'S 95°10'E 31°48'S 95°45'E 32°02'S 95°35'E 31°43'S 95°00'E				
	"Shoal rep (2009)" area bound by dotted line joining		38°25'S 77°37'E 38°25'S 77°53'E 38°44'S 77°45'E 38°58'S 78°01'E 39°08'S 77°45'E 39°42'S 77°21'E				
	(NTM0011/2009)						
<b>73</b> (INT 73)	4Ed. 2/3/96	LAST NM 7/10	38/11				
Substitute	Depth 157 meters, blue tint and enclosing depth contour (200-meter) for 218 meters		8°32'N 73°17'E				
Add	Depth 370 meters enclosed by depth contour (1000-meter) centered		9°19'N 73°28'E				
	Depth 350 meters enclosed by depth contour (1000-meter) centered		7°17'N 72°34'E				
	(UKHO ARCS 2738-0)						
<b>73</b> (INT 73)	4Ed. 2/3/96	LAST NM 38/11	48/15				
Add	Depth 1640 meters "Rep (2015)" enclosed by dotted-line circle [I3.2] centered		15°08'S 87°46'E				
	(NTM0032/2015)						
<b>73</b> (INT 73)	4Ed. 2/3/96	LAST NM 48/15	41/16				
Delete	R Bn (AERO)		10°30'S 105°38'E				
	(24(1062)07 Wollongong)						
<b>★74</b>	18Ed. 12/6/21	NEW EDITION	49/21				
	(USHO)						
<b>74</b>	18Ed. 12/6/21	LAST NM 49/21	8/87				
Add	Note in lower left margin of chart						
	"Users should refer corrections, additions and comments for improving this product to: DIRECTOR, DEFENSE MAPPING AGENCY HYDROGRAPHIC/ TOPOGRAPHIC CENTER, ATTN: PR, Washington, D.C. 20315-0030."						
	(MCNM7880/87)						
<b>★76</b>	25Ed. 7/18/92	NEW EDITION	38/92				
	(DMAHTC)						
<b>76</b>	25Ed. 7/18/92	LAST NM 38/92	22/93				
Change	Standard time PORTUGAL to plus (+) 1 hour		40°00'N 13°00'W				
	ARQUIPELAGO DOS ACORES to 0 hour		41°00'N 30°00'W				
	(MCC1248/93)						
<b>76</b>	25Ed. 7/18/92	LAST NM 22/93	24/93				
Change	Standard time PORTUGAL to zone minus (-) 1 hour		40°00'N 13°00'W				
	(See 22/93-76)						
	(MCC1248/93)						
<b>76</b>	25Ed. 7/18/92	LAST NM 24/93	26/94				
Change	Standard time HONDURAS to (+) 5 hours		15°00'N 87°00'W				
	(MCC1354/94)						
<b>76</b>	25Ed. 7/18/92	LAST NM 26/94	38/99				
Change	Standard time LIBYA to (-) 2 hours		25°00'N 18°00'E				
	(BA RA)						
<b>★80</b>	7Ed. 8/12/95	NEW EDITION	50/95				
	(DMA)						
<b>★90</b>	5Ed. 3/30/96	NEW EDITION	27/96				
	(DMA)						
<b>★100</b> (INT 100)	1Ed. 1/9/82	NEW CHART	13/82				
	(DMAHTC)						
<b>100</b> (INT 100)	1Ed. 1/9/82	LAST NM 13/82	19/82				
Substitute	Depth 123 meters for 160 meters		73°30.0'N 9°08.0'W				
	(9(508)82 Taunton)						
<b>100</b> (INT 100)	1Ed. 1/9/82	LAST NM 19/82	14/86				
Delete	R Bns		69°08.9'N 15°54.0'E 74°29.1'N 19°04.0'E 70°58.4'N 8°29.7'W				
	(BA RA)						
<b>100</b> (INT 100)	1Ed. 1/9/82	LAST NM 14/86	27/86				
Delete	R Bn at light		69°20'N 16°06'E				
	(9(724)86 Stavanger)						
<b>100</b> (INT 100)	1Ed. 1/9/82	LAST NM 27/86	23/93				
Add	Depth						
	576 meters		74°11'N 15°15'E				
	163 meters		73°53'N 18°53'E				
	110 meters		71°41'N 18°00'E				
	Danger circle "Well", marked close SE by buoy Y, spar		71°56'N 21°11'E				
	Superbuoy ODAS "BS-4", orange and yellow, Fl 3s		71°30'N 19°00'E				
	(BA CH 4100)						
<b>100</b> (INT 100)	1Ed. 1/9/82	LAST NM 23/93	16/95				
Relocate	R Bn (AERO) close NE to		70°58'N 8°35'W				
	(9(703)95 Taunton)						
<b>100</b> (INT 100)	1Ed. 1/9/82	LAST NM 16/95	18/99				
Delete	R Bn at light		69°36'N 17°50'E 70°14'N 19°30'E				
	(1(67)99 Stavanger)						
<b>100</b> (INT 100)	1Ed. 1/9/82	LAST NM 18/99	51/04				
Add	Submerged well [L20]		71°37'N 21°03'E				
	Submerged well [L20]		71°36'N 21°16'E				
	Submerged well [L20]		71°29'N 21°05'E				
	(21(1026)04 Stavanger)						
<b>★100</b> (INT 100)	1Ed. 1/9/82	LAST NM 51/04	4/08				
Add	Depth 1245 meters "Rep (2007)"		72°17'N 0°39'W				
	(NTM0002/2008)						
<b>100</b> (INT 100)	1Ed. 1/9/82	LAST NM 4/08	35/08				
Add	Depth 326 meters		73°56'N 20°57'E				
	(NTM0026/2008)						
<b>100</b> (INT 100)	1Ed. 1/9/82	LAST NM 35/08	31/13				
Add	Depth 792 meters "Rep (2007)" enclosed by dotted-line circle centered [I3.2]		72°16'N 0°33'W				
	(NTM0015/2013)						
<b>★101</b> (INT 101)	3Ed. 11/23/96	NEW EDITION	8/97				
Delete	RC at light		60°51'N 0°54'E				

(continued on next page)

<b>101</b>	(Continued)			8/97			
	Racon at light			66°32'N 16°00'W			
				64°02'N 15°57'W			
				60°37'N 1°19'W			
				60°22'N 1°50'W			
				60°50'N 4°39'E			
				63°01'N 7°14'E			
				63°05'N 7°30'E			
				63°13'N 7°36'E			
				63°32'N 7°58'E			
				64°10'N 9°24'E			
				64°24'N 10°22'E			
				67°18'N 13°30'E			
				67°24'N 11°52'E			
				67°27'N 14°23'E			
				67°46'N 14°24'E			
	Racon from platform			60°28'N 2°49'E			
				64°22'N 7°46'E			
Add	RC at light			59°51.5'N 1°16.0'W			
				63°49.5'N 16°37.0'W			
	RC			64°39.1'N 14°16.6'W			
	Submarine pipeline joining			59°32.8'N 1°32.3'E			
				59°29.4'N 1°23.8'E			
				59°25.0'N 1°20.9'E			
	(NIMA; BA RA; 20(1409)91 Taunton)						
<b>101</b>	(INT 101)	3Ed. 11/23/96	LAST NM	8/97	8/98		
	Substitute			Depth 94 meters for 111 meters	63°49'N 15°10'W		
	Add			Depth 47 meters	64°00'N 15°36'W		
	(GIMM011/98)						
<b>101</b>	(INT 101)	3Ed. 11/23/96	LAST NM	8/98	19/98		
	Delete			RC	64°39.0'N 14°16.0'W		
	(12(35)97 Reykjavik)						
<b>101</b>	(INT 101)	3Ed. 11/23/96	LAST NM	19/98	18/99		
	Delete			RC at light	60°08'N 5°01'E		
					61°02'N 4°30'E		
					62°19'N 5°16'E		
					62°54'N 6°52'E		
					64°10'N 9°26'E		
					65°12'N 11°00'E		
					67°18'N 13°30'E		
					67°24'N 11°52'E		
	(1(67)99 Stavanger)						
<b>101</b>	(INT 101)	3Ed. 11/23/96	LAST NM	18/99	23/99		
	Delete			RC at light	66°27'N 15°55'W		
	(1(5)99 Reykjavik)						
<b>101</b>	(INT 101)	3Ed. 11/23/96	LAST NM	23/99	27/99		
	Delete			RC at light	63°50'N 16°38'W		
	(4(15)99 Reykjavik)						
<b>101</b>	(INT 101)	3Ed. 11/23/96	LAST NM	27/99	35/99		
	Add			Submarine cable [L30.1] joining	59°49'N 3°09'W		
					59°39'N 1°30'W		
					59°25'N 0°23'W		
	(25(2254)99 Taunton)						
<b>101</b>	(INT 101)	3Ed. 11/23/96	LAST NM	35/99	48/02		
	Add			Depth 115 meters Well [L21.2]	60°31'N 1°50'E		
	(32(3364)02 Taunton)						
<b>★101</b>	(INT 101)	3Ed. 11/23/96	LAST NM	48/02	42/04		
	Add			Wreck [K29]	66°20'N 5°12'E		
	(NTM0019/2004)						
<b>101</b>	(INT 101)	3Ed. 11/23/96	LAST NM	42/04	47/04		
	Add			Wreck [K29]	64°48'N 7°03'E		
	(20(970)04 Stavanger)						
<b>101</b>	(INT 101)	3Ed. 11/23/96	LAST NM	47/04	48/08		
	Delete			Depth 179 meters and enclosing depth contour (200-meter) centered	66°52'N 13°42'W		
					66°37'N 13°23'W		
	Depth 141 meters						
	(3-4(5)08 Reykjavik)						
<b>101</b>	(INT 101)	3Ed. 11/23/96	LAST NM	48/08	26/12		
	Add			Danger circle "Obstn" [K40]	65°39'N 7°55'E		
	(10(43960)12 Stavanger)						
<b>101</b>	(INT 101)	3Ed. 11/23/96	LAST NM	26/12	35/17		
	Delete			Superbuoy ODAS	60°31'N 2°53'W		
	Add			Superbuoy ODAS [Q58] "K7" Y, FI(5) Y 20s	60°29'N 4°10'W		
	(2(168)13 Taunton; UKHO ARCS 245-0)						
<b>★102</b>	(INT 102)	5Ed. 4/6/96	NEW EDITION		29/96		
	(DMA)						
<b>102</b>	(INT 102)	5Ed. 4/6/96	LAST NM	29/96	5/99		
	Delete			RC at light	49°58.7'N 6°19.3'W		
					50°34.5'N 1°17.8'W		
					51°51.1'N 5°24.6'W		
					54°02.9'N 3°10.5'W		
					55°40.0'N 6°30.7'W		
					58°30.9'N 6°15.7'W		
					58°38.7'N 3°01.4'W		
					57°41.9'N 2°00.0'W		
					51°36.3'N 8°31.9'W		
					55°16.3'N 8°14.9'W		
					54°16.9'N 10°05.5'W		
					52°33.6'N 9°55.9'W		
	Purple circle at light				51°36.3'N 9°47.5'W		
	(30/98 Trinity House; BA RA)						
<b>102</b>	(INT 102)	5Ed. 4/6/96	LAST NM	5/99	20/00		
	Add			Racon at light	51°51'N 5°25'W		
	(9/00 Trinity House)						
<b>102</b>	(INT 102)	5Ed. 4/6/96	LAST NM	20/00	48/00		
	Delete			RC at light	48°38'N 4°34'W		
				RC at light	48°28'N 5°08'W		
	(3(13)00 Brest)						
<b>102</b>	(INT 102)	5Ed. 4/6/96	LAST NM	48/00	42/04		
	Delete			Depth 90 meters	54°00'N 13°20'W		
	(NTM0019/2004)						
<b>102</b>	(INT 102)	5Ed. 4/6/96	LAST NM	42/04	24/08		
	Delete			Light "Calf of Man"	54°03'N 4°50'W		
	(28(3100)07 Taunton)						
<b>102</b>	(INT 102)	5Ed. 4/6/96	LAST NM	24/08	40/08		
	Add			Superbuoy ODAS [Q58] "M4" Y, FI(5) Y 20s	55°00'N 10°00'W		
				Superbuoy ODAS [Q58] "M6" Y, FI(5) Y 20s	53°04'N 15°56'W		
	(42(4778)06, 24(2717)07 Taunton)						
<b>102</b>	(INT 102)	5Ed. 4/6/96	LAST NM	40/08	35/17		
	Delete			Superbuoy ODAS	55°57'N 14°12'W		
	Add			Superbuoy ODAS [Q58] "K7" Y, FI(5) Y 20s	60°29'N 4°10'W		
	(2(168)13 Taunton; UKHO ARCS 1127-0)						
<b>102</b>	(INT 102)	5Ed. 4/6/96	LAST NM	35/17	37/17		
	Delete			Superbuoy ODAS "24GB"	48°42'N 12°22'W		
	Change			Designation of superbuoy ODAS "25GB" to "K2"	51°01'N 13°20'W		
	Add			Superbuoy ODAS [Q58] "PAP" Y, FI(5) Y 20s	49°00'N 16°22'W		
				Danger circle [K1] "Subm buoys"	49°00'N 16°28'W		
				Superbuoy ODAS [Q58] "K1" Y, FI(5) Y 20s	48°43'N 12°29'W		
	(UKHO ARCS 4102-0)						
<b>102</b>	(INT 102)	5Ed. 4/6/96	LAST NM	37/17	38/17		
	Add			Superbuoy ODAS [Q58] "K5" Y, FI(5) Y 20s	59°07'N 11°41'W		

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<b>102</b> (Continued)			38/17	
	Superbuoy ODAS [Q58] "K4" Y, Fl(5) Y 20s		55°09'N 12°45'W	
	(UKHO ARCS 4102-0)			
<b>★103</b> (INT 103)	5Ed. 8/25/90 NEW EDITION		41/90	
Delete	Depth 585 meters	37°52.0'N 24°34.5'W		
	(Previously published 38/90)			
Delete	R Bn (AERO)	43°22'N 3°33'W 42°08'N 8°39'W 41°19'N 8°41'W 38°54'N 9°00'W 38°40'N 8°37'W 37°10'N 8°35'W 35°48'N 5°49'W		
	(DMAHTC; BA RA)			
<b>103</b> (INT 103)	5Ed. 8/25/90 LAST NM 41/90		38/91	
Add	Depth 130 meters	37°28'N 30°27'W		
	(25(26)91 Brest)			
<b>103</b> (INT 103)	5Ed. 8/25/90 LAST NM 38/91		51/91	
Delete	Depth 130 meters	37°28'N 30°27'W		
	(Supersedes 38/91-103)			
	(38(27)91 Brest)			
<b>103</b> (INT 103)	5Ed. 8/25/90 LAST NM 51/91		8/92	
Add	Depth 56 meters	40°30.3'N 9°07.3'W		
	(Por CH 33; 46(3255)91 Taunton)			
<b>103</b> (INT 103)	5Ed. 8/25/90 LAST NM 8/92		15/92	
Add	Superbuoy ODAS "24GB" Y, Fl(5) Y 20s	48°42'N 12°23'W		
	(4(224)92 Taunton)			
<b>103</b> (INT 103)	5Ed. 8/25/90 LAST NM 15/92		25/92	
Substitute	Depth 35 meters (ED) for 48 meters	36°42.0'N 11°08.0'W		
	(8(546)92 Taunton)			
<b>103</b> (INT 103)	5Ed. 8/25/90 LAST NM 25/92		44/92	
Delete	RC (AERO)	36°38'N 6°18'W 38°32'N 28°40'W 37°44'N 25°35'W		
	RC (AERO) at light	43°23'N 1°47'W		
	(BA RA)			
<b>103</b> (INT 103)	5Ed. 8/25/90 LAST NM 44/92		4/94	
Delete	Superbuoy ODAS "1GB"	48°38'N 8°55'W		
	(45(3796)93 Taunton)			
<b>103</b> (INT 103)	5Ed. 8/25/90 LAST NM 4/94		15/95	
Delete	Depth	38°02'N 28°47'W 18 meters 38°13'N 29°06'W 73 meters 38°13'N 29°21'W		
	(7(24)95 Brest)			
<b>103</b> (INT 103)	5Ed. 8/25/90 LAST NM 15/95		17/96	
Delete	Depth	38°17'N 28°45'W 127 meters 38°40'N 29°45'W 199 meters 38°20'N 30°06'W 104 meters		
	(4(33)96 Brest)			
<b>103</b> (INT 103)	5Ed. 8/25/90 LAST NM 17/96		12/98	
Add	Depth 27 meters	36°43'N 11°10'W		
	(14(142), 15(156)97 Lisboa)			
<b>103</b> (INT 103)	5Ed. 8/25/90 LAST NM 12/98		5/99	
Delete	RC	49°58.5'N 6°16.0'W		
	(30/98 Trinity House)			
<b>103</b> (INT 103)	5Ed. 8/25/90 LAST NM 5/99		49/99	
Substitute	Depth 12 meters for 7 meters	38°13'N 26°36'W		
	(1(52)98 Lisboa)			
<b>103</b> (INT 103)	5Ed. 8/25/90 LAST NM 49/99		10/00	
Delete	RC at light	38°47'N 9°30'W		
	(21(298)99 Lisboa)			
<b>103</b> (INT 103)	5Ed. 8/25/90 LAST NM 10/00		48/00	
Delete	RC at light	48°28'N 5°08'W		
	RC at light	45°42'N 1°14'W		
	RC at light	44°39'N 1°15'W		
	(3(13)00 Brest)			
<b>103</b> (INT 103)	5Ed. 8/25/90 LAST NM 48/00		34/01	
Delete	RC at light	37°02'N 8°59'W		
	(4(145)00 Lisboa; Por LL)			
<b>103</b> (INT 103)	5Ed. 8/25/90 LAST NM 34/01		44/01	
Delete	RC at light	41°12'N 8°42'W		
	RC at light	40°12'N 8°54'W		
	RC at light	39°24'N 9°30'W		
	(4(134)01 Lisboa)			
<b>103</b> (INT 103)	5Ed. 8/25/90 LAST NM 44/01		16/03	
Add	Wreck [K29]	42°12'N 12°03'W		
	(49(847)02 Cadiz)			
<b>103</b> (INT 103)	5Ed. 8/25/90 LAST NM 16/03		9/04	
Delete	Depth 1820 meters and enclosing depth contour	40°35'N 32°54'W		
	(2000-meter) centered			
	Depth 1798 meters and enclosing depth contour	42°27'N 18°53'W		
	(2000-meter) centered			
	Depth 600 meters	40°40'N 9°44'W		
Substitute	Depth 56 meters for 40 meters	35°03'N 12°53'W		
	(20(307)03 Lisboa)			
<b>103</b> (INT 103)	5Ed. 8/25/90 LAST NM 9/04		49/04	
Delete	RC at light	43°47'N 7°41'W		
	RC at light	43°10'N 9°13'W		
	RC at light	42°53'N 9°16'W		
	RC at light	42°06'N 8°53'W		
	(1(102)04 Lisboa; Spn LL)			
<b>103</b> (INT 103)	5Ed. 8/25/90 LAST NM 49/04		20/06	
Delete	RC at light	43°25'N 2°42'W		
	RC at light	35°47'N 5°56'W		
	(40(400)05 Cadiz; Spn LL)			
<b>103</b> (INT 103)	5Ed. 8/25/90 LAST NM 20/06		10/08	
Add	Depth 213 meters enclosed by depth contour	44°07'N 22°07'W		
	(1000-meter)			
	Depth 104 meters enclosed by depth contour	38°19'N 30°06'W		
	(200-meter)			
	(10(1157, 1158)03 Taunton)			
<b>103</b> (INT 103)	5Ed. 8/25/90 LAST NM 10/08		39/11	
Substitute	Depth 20 meters for 25 meters	36°31'N 11°34'W		
	(13(20)02 Brest)			
<b>103</b> (INT 103)	5Ed. 8/25/90 LAST NM 39/11		8/12	
Delete	Depth 11 meters, blue tint and enclosing	43°49'N 8°03'W		
	dotted-line circle centered			
	(11(336)11 Lisboa)			
<b>103</b> (INT 103)	5Ed. 8/25/90 LAST NM 8/12		35/16	
Substitute	Depth 321 meters for 541 meters	40°27'N 29°22'W		
	(NTM0003/2016)			
<b>103</b> (INT 103)	5Ed. 8/25/90 LAST NM 35/16		38/16	
Delete	Depth 808 meters and enclosing depth contours	36°25'N 25°11'W		
	(2) in vicinity			
Substitute	Depth 574 meters for 631 meters	40°23'N 29°43'W		
Add	Superbuoy ODAS [Q58] "ODAS CSA 81" Y,	36°24'N 8°04'W		
	Fl(5) Y 20s			
	(18(133)13 Brest; 6(228)13, 6(233)14 Lisboa)			

**103** (INT 103) 5Ed. 8/25/90 LAST NM 38/16 41/16  
 Substitute Depth 29 meters for 17 meters 38°00'N 29°16'W  
 Note: Enclosing dotted-line circle remains  
 (6(187)15 Lisboa)

**103** (INT 103) 5Ed. 8/25/90 LAST NM 41/16 37/17  
 Delete Superbuoy ODAS "24GB" 48°42'N 12°23'W  
 Add Superbuoy ODAS [Q58] "PAP" Y, Fl(5) Y 20s  
 49°00'N 16°22'W  
 Danger circle [K1] "Subm buoys" 49°00'N 16°28'W  
 Superbuoy ODAS [Q58] "K1" Y, Fl(5) Y 20s  
 48°43'N 12°29'W  
 (UKHO ARCS 4102-0)

**103** (INT 103) 5Ed. 8/25/90 LAST NM 37/17 41/17  
 Delete Depth 37 meters, blue tint and enclosing  
 dotted-line circle in vicinity 37°28'N 25°36'W  
 Depth 122 meters, blue tint and enclosing  
 dotted-line circle in vicinity 38°39'N 26°56'W  
 (2(281)16 Taunton)

**103** (INT 103) 5Ed. 8/25/90 LAST NM 41/17 13/19  
 Add Depth 54 meters, blue tint and enclosing depth  
 contour (100-meter) centered 37°38'N 31°52'W  
 (Por CH 43101)

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**★104** (INT 104) 5Ed. 8/17/96 NEW EDITION 44/96  
 (NIMA)

**104** (INT 104) 5Ed. 8/17/96 LAST NM 44/96 12/98  
 Add Depth 27 meters 36°43'N 11°10'W  
 (14(142), 15(156)97 Lisboa)

**104** (INT 104) 5Ed. 8/17/96 LAST NM 12/98 49/99  
 Substitute Depth 12 meters for 7 meters 38°13'N 26°36'W  
 (1(52)98 Lisboa)

**104** (INT 104) 5Ed. 8/17/96 LAST NM 49/99 10/00  
 Delete RC at light 38°47'N 9°30'W  
 (21(298)99 Lisboa)

**104** (INT 104) 5Ed. 8/17/96 LAST NM 10/00 34/01  
 Delete RC at light 37°57'N 8°53'W  
 RC at light 37°02'N 9°00'W  
 (4(145)00 Lisboa; Por LL)

**104** (INT 104) 5Ed. 8/17/96 LAST NM 34/01 8/06  
 Delete RC (AERO) 33°04'N 16°21'W  
 RC (AERO) 32°45'N 16°43'W  
 RC (AERO) 28°03'N 16°33'W  
 RC at light 28°10'N 15°26'W  
 RC at light 28°14'N 13°56'W  
 RC (AERO) 28°57'N 13°38'W  
 RC at light 33°37'N 7°40'W  
 (28(294)05 Cadiz)

**104** (INT 104) 5Ed. 8/17/96 LAST NM 8/06 20/06  
 Delete RC at light 35°47'N 5°56'W  
 (40(400)05 Cadiz)

**104** (INT 104) 5Ed. 8/17/96 LAST NM 20/06 39/11  
 Substitute Depth 20 meters for 25 meters 36°31'N 11°34'W  
 (13(20)02 Brest)

**104** (INT 104) 5Ed. 8/17/96 LAST NM 39/11 43/11  
 Delete Depth 161 meters, blue tint and enclosing  
 depth contour (200-meter) centered 29°54'N 12°53'W  
 Substitute Depth 163 meters for 155 meters 29°59'N 12°42'W  
 Depth 770 meters for 757 meters 29°47'N 12°54'W  
 Add Depth 494 meters 29°55'N 12°53'W  
 Depth 470 meters 30°09'N 12°43'W  
 (33(256)11 Cadiz)

**104** (INT 104) 5Ed. 8/17/96 LAST NM 43/11 38/16  
 Delete Depth 808 meters and enclosing depth contours  
 (2) in vicinity 36°25'N 25°11'W

Add Superbuoy ODAS [Q58] "ODAS CSA 81" Y,  
 Fl(5) Y 20s 36°24'N 8°04'W  
 (18(133)13 Brest; 6(228)13, 6(233)14 Lisboa)

**104** (INT 104) 5Ed. 8/17/96 LAST NM 38/16 41/17  
 Delete Depth 37 meters, blue tint and enclosing  
 dotted-line circle in vicinity 37°28'N 25°36'W  
 (2(281)16 Taunton)

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**★105** (INT 209) 4Ed. 9/14/96 NEW EDITION 50/96  
 (NIMA)

**★105** (INT 209) 4Ed. 9/14/96 LAST NM 50/96 32/01  
 Add Depth 2566 meters 3°49'S 0°28'E  
 (NTM0002/2001)

**105** (INT 209) 4Ed. 9/14/96 LAST NM 32/01 28/04  
 Add Racon [S3.1] at light 4°24'N 7°08'E  
 (BA CH 3287)

**★105** (INT 209) 4Ed. 9/14/96 LAST NM 28/04 46/09  
 Substitute Depth 848 meters for 750 meters 2°22'S 4°50'E  
 (NTM0011/2009)

**105** (INT 209) 4Ed. 9/14/96 LAST NM 46/09 35/16  
 Add Depth 37 meters 5°41'S 11°49'E  
 (NTM0003/2016)

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**★106** (INT 215) 1Ed. 6/10/78 NEW CHART 30/78  
 (DMAHC)

**106** (INT 215) 1Ed. 6/10/78 LAST NM 30/78 7/79  
 Delete R Bn 5°07.5'S 36°50.0'W  
 Substitute Depths  
 33 meters for 23 meters 8°41.0'S 34°49.0'W  
 48 meters for 53 meters 3°52.0'S 32°37.0'W  
 (22(310)78 Rio de Janeiro)

**106** (INT 215) 1Ed. 6/10/78 LAST NM 7/79 14/79  
 Delete Depth 260 meters 4°05.0'S 35°57.0'W  
 Add Depth 241 meters 4°00.0'S 35°59.0'W  
 (23(323)78 Rio de Janeiro)

**106** (INT 215) 1Ed. 6/10/78 LAST NM 14/79 15/79  
 Add Depth 275 meters 3°37.5'S 36°46.0'W  
 (23(324)78 Rio de Janeiro)

**106** (INT 215) 1Ed. 6/10/78 LAST NM 15/79 47/79  
 Delete Depths  
 40 meters 16°25'N 22°57'W  
 177 meters 16°20'N 22°27'W  
 26 meters 16°07'N 22°32'W  
 (38(48)79 Brest)

**106** (INT 215) 1Ed. 6/10/78 LAST NM 47/79 18/81  
 Add Depth 12.6 meters "Rep (1978)" 9°04'N 15°11'W  
 (34(3399)78 Hamburg)

**106** (INT 215) 1Ed. 6/10/78 LAST NM 18/81 23/81  
 Delete Depth 12.6 meters "Rep (1978)" 9°04'N 15°11'W  
 (Supersedes 18/81-106)  
 (44(4348)78 Hamburg)

**106** (INT 215) 1Ed. 6/10/78 LAST NM 23/81 24/81  
 Add Depth 9 meters "Rep (1980)" (PA) 3°58'S 35°48'W  
 (NVS6404/81)

**106** (INT 215) 1Ed. 6/10/78 LAST NM 24/81 21/82  
 Delete Depth 275 meters 3°37.5'S 36°46.0'W  
 Substitute Depths  
 1853 meters for 483 meters 0°59.8'N 30°13.5'W  
 2721 meters for 272 meters 1°10.0'N 30°19.0'W  
 Add Depth 275 meters 3°38.5'S 36°42.8'W  
 (15(132)81; 1(18)82 Rio de Janeiro)



<b>106</b> (INT 215)	1Ed. 6/10/78	LAST NM 21/82	2/83
Delete R Bn (AERO)		13°20'N 16°39'W	
(44(2674)82 Taunton)			
<b>106</b> (INT 215)	1Ed. 6/10/78	LAST NM 2/83	31/83
Add Depth 48 meters		3°26.1'S 35°02.8'W	
(NVS6978/83)			
<b>106</b> (INT 215)	1Ed. 6/10/78	LAST NM 31/83	43/83
Relocate R Bn (AERO) close NNE to		8°02'S 34°57'W	
(14(119)83 Rio de Janeiro)			
<b>106</b> (INT 215)	1Ed. 6/10/78	LAST NM 43/83	50/83
Delete Depth 79 meters		16°55'N 23°32'W	
(42(2704)83 Taunton)			
<b>106</b> (INT 215)	1Ed. 6/10/78	LAST NM 50/83	53/83
Delete Depth 100 meters		17°08'N 21°54'W	
Add Depths			
93 meters		17°11.7'N 21°58.1'W	
427 meters		15°44.6'N 22°10.3'W	
(45(2902, 2904)83 Taunton)			
<b>106</b> (INT 215)	1Ed. 6/10/78	LAST NM 53/83	23/84
Delete Depth 256 meters		8°24'S 16°55'W	
Add Depth 256 meters		8°28.8'S 17°04.6'W	
(NVS7266/84)			
<b>106</b> (INT 215)	1Ed. 6/10/78	LAST NM 23/84	44/85
Add Chartlet, depicting changes in hydrography and topography, from back of Section I		4°00'S 35°00'W	
(DMAHTC)			
<b>106</b> (INT 215)	1Ed. 6/10/78	LAST NM 44/85	52/85
Change International chart number "INT 106" to "INT 215" in margins (4) of chart			
Legends to			
"CONTINUED ON INT 216"		4°00'N 36°57'W	
"CONTINUED ON INT 209"		3°30'N 14°03'W	
(HNNM7637/85)			
<b>106</b> (INT 215)	1Ed. 6/10/78	LAST NM 52/85	14/86
Substitute Abandoned submarine cable for submarine cable between		8°03.0'S 34°46.0'W	
		16°44.0'N 25°12.0'W	
between		7°58.0'S 34°47.0'W	
		16°40.0'N 25°12.0'W	
Add Submarine cable joining		8°08.3'S 34°54.2'W	
		8°11.6'S 34°18.5'W	
		8°04.3'S 33°41.3'W	
		7°47.5'S 33°03.4'W	
		2°54.5'S 29°28.6'W	
		1°51.5'S 28°59.3'W	
		0°17.1'N 27°43.6'W	
		0°37.6'N 27°24.0'W	
		1°05.2'N 27°14.5'W	
		6°00.2'N 23°57.9'W	
		6°56.0'N 23°49.4'W	
		7°36.1'N 23°09.5'W	
		14°05.1'N 18°59.6'W	
		14°38.5'N 17°25.0'W	
(2(24)86 Rio de Janeiro)			
<b>106</b> (INT 215)	1Ed. 6/10/78	LAST NM 14/86	16/86
Delete R Bn (AERO)		16°02'N 16°28'W	
(DMAHTC)			
<b>106</b> (INT 215)	1Ed. 6/10/78	LAST NM 16/86	27/86
Delete Depth 478 meters		9°17'N 21°20'W	
Add Depth 215 meters "Rep (1986)"		9°15.5'N 21°19.9'W	
(17(1277)86 Taunton)			
<b>106</b> (INT 215)	1Ed. 6/10/78	LAST NM 27/86	44/86
Add Submarine cable joining		8°09.5'S 34°54.0'W	
		8°12.8'S 34°48.5'W	
		8°09.0'S 34°24.0'W	
		8°06.3'S 34°05.3'W	
		7°24.0'S 33°25.0'W	
joining		8°08.3'S 34°54.2'W	
		8°11.6'S 34°18.5'W	
		8°08.0'S 33°54.0'W	
		7°47.5'S 33°03.4'W	
(17(E253)86 Rio de Janeiro)			
<b>106</b> (INT 215)	1Ed. 6/10/78	LAST NM 44/86	1/87
Add Depth 110 meters enclosed by depth contour (200-meter) "Rep (1986)"		4°44.5'S 35°10.4'W	
(18(N277)86 Rio de Janeiro)			
<b>106</b> (INT 215)	1Ed. 6/10/78	LAST NM 1/87	40/89
Delete R Bn (AERO)		8°02'S 34°57'W	
(10(G152)89 Rio de Janeiro)			
<b>106</b> (INT 215)	1Ed. 6/10/78	LAST NM 40/89	6/90
Substitute Depth 80 meters for 110 meters "Rep (1986)"		4°45'S 35°11'W	
Add Depth 17 meters enclosed by danger circle "Rep (1989)"		4°42'S 35°31'W	
(See 44/85-106)			
(13(N192, N193)89 Rio de Janeiro)			
<b>106</b> (INT 215)	1Ed. 6/10/78	LAST NM 6/90	26/92
Delete Depths			
165 meters		12°00'N 17°32'W	
27 meters		12°01'N 17°18'W	
(16(43)92 Brest)			
<b>106</b> (INT 215)	1Ed. 6/10/78	LAST NM 26/92	29/95
Delete Depth 2970 meters		6°20'N 32°50'W	
Add Depth 587 meters		6°21'N 32°58'W	
(14(56)95 Brest)			
<b>106</b> (INT 215)	1Ed. 6/10/78	LAST NM 29/95	1/96
Add Light symbol		6°03'S 35°07'W	
(20(217P)95 Rio de Janeiro)			
<b>106</b> (INT 215)	1Ed. 6/10/78	LAST NM 1/96	29/96
Delete Depth 2786 meters		5°56'N 25°00'W	
Add Depth			
234 meters		6°19'N 22°37'W	
762 meters		6°10'N 24°52'W	
790 meters		6°00'N 24°57'W	
(23(1907)96 Taunton)			
★ <b>106</b> (INT 215)	1Ed. 6/10/78	LAST NM 29/96	18/13
Add Depth 112 meters "Rep (2011)" (ED), blue tint and enclosing dotted-line circle centered [14]		15°51'N 36°11'W	
(NTM0004/2013)			
★ <b>106</b> (INT 215)	1Ed. 6/10/78	LAST NM 18/13	49/15
Delete Depth 733 meters and enclosing depth contours (2) in vicinity		15°17'N 33°33'W	
(NTM0032/2015)			
<b>106</b> (INT 215)	1Ed. 6/10/78	LAST NM 49/15	15/19
Add Depth 110 meters, blue tint and enclosing dotted-line circle [14] centered		8°01'S 34°16'W	
(6(716)16 Taunton)			
★ <b>107</b> (INT 216)	3Ed. 3/2/85	NEW EDITION	19/85
(DMAHTC)			
<b>107</b> (INT 216)	3Ed. 3/2/85	LAST NM 19/85	44/85
Add Chartlet, depicting changes in hydrography and topography, from back of Section I		3°00'S 38°00'W	
(DMAHTC)			

107 (INT 216) 3Ed. 3/2/85 LAST NM 44/85 52/85  
 Change International chart number "INT 107"  
 to "INT 216" in margins (5) of chart  
 (HNNM7637/85)

107 (INT 216) 3Ed. 3/2/85 LAST NM 52/85 6/86  
 Delete Depth 54 meters 3°11.0'S 38°17.0'W

Substitute Depth 40 meters for depth 44 meters 1°40.0'S 38°08.0'W  
 (23(259)85 Rio de Janeiro)

107 (INT 216) 3Ed. 3/2/85 LAST NM 6/86 12/86  
 Delete Depth 11 meters 14°35'N 60°46'W

Add Depth 15 meters 14°34'N 60°46'W  
 (2(176)86 Taunton)

107 (INT 216) 3Ed. 3/2/85 LAST NM 12/86 14/86  
 Substitute Abandoned submarine cable for  
 submarine cable joining 8°00.0'S 34°42.0'W  
 3°47.5'S 28°15.0'W  
 0°20.0'S 28°00.0'W

between 8°00.0'S 34°50.0'W  
 9°00.0'N 28°00.0'W

Add Submarine cable joining 8°00.0'S 33°25.0'W  
 7°47.5'S 33°03.5'W  
 2°55.0'S 29°29.0'W  
 1°52.0'S 28°59.0'W  
 0°20.0'S 28°00.0'W  
 5°28.0'N 51°39.0'W

Depth 33 meters  
 (2(175)86 Taunton; 2(24)86 Rio de Janeiro)

107 (INT 216) 3Ed. 3/2/85 LAST NM 14/86 35/86  
 Substitute Depth 10 meters (PA) for 16 meters 3°18.0'N 48°07.0'W  
 (12(159)86 Rio de Janeiro)

107 (INT 216) 3Ed. 3/2/85 LAST NM 35/86 39/86  
 Delete Depth 118 meters (PD) 4°14'S 34°50'W  
 (17(1276)86 Taunton)

107 (INT 216) 3Ed. 3/2/85 LAST NM 39/86 44/86  
 Add Submarine cables between 7°24.0'S 33°25.0'W  
 8°00.0'S 34°00.0'W

between 7°47.5'S 33°03.4'W  
 8°00.0'S 33°36.0'W  
 (17(E253)86 Rio de Janeiro)

107 (INT 216) 3Ed. 3/2/85 LAST NM 44/86 52/86  
 Add Depth 110 meters enclosed by depth  
 contour (200 meters) "Rep (1986)" 4°44.5'S 35°10.4'W  
 (18(N277)86 Rio de Janeiro)

107 (INT 216) 3Ed. 3/2/85 LAST NM 52/86 26/88  
 Add Legend "(ED)" to depth 78 meters 6°28'N 52°18'W  
 (53(61)87 Brest)

107 (INT 216) 3Ed. 3/2/85 LAST NM 26/88 36/88  
 Add Depth 159 meters 3°29.2'S 37°29.5'W  
 (See 44/85-107)  
 (MCNM8136/88)

107 (INT 216) 3Ed. 3/2/85 LAST NM 36/88 38/88  
 Add Depth 22 meters enclosed by  
 danger circle (PA) 4°53'S 35°01'W  
 (12(N183)88 Rio de Janeiro)

107 (INT 216) 3Ed. 3/2/85 LAST NM 38/88 40/89  
 Delete R Bns (AERO) 1°23'S 48°28'W  
 3°34'S 39°17'W  
 5°12'S 37°21'W

(See 44/85-107)  
 (10(G152)89 Rio de Janeiro)

107 (INT 216) 3Ed. 3/2/85 LAST NM 40/89 28/90  
 Delete Depth 143 meters and enclosing depth contour 7°46.0'N 56°49.0'W  
 (MCNM1032/90)

107 (INT 216) 3Ed. 3/2/85 LAST NM 28/90 39/90  
 Delete Depths 9 meters 3°50'S 35°57'W  
 9 meters "(1980)" (PA) 3°58'S 35°48'W  
 (27(1940)90 Taunton)

107 (INT 216) 3Ed. 3/2/85 LAST NM 39/90 46/90  
 Add Depth 290 meters 0°41.4'S 42°09.0'W  
 (20(N303)89 Rio de Janeiro)

107 (INT 216) 3Ed. 3/2/85 LAST NM 46/90 52/90  
 Add Depth 63 meters (ED) 3°39.0'N 48°09.0'W  
 (MCNM1062/90)

107 (INT 216) 3Ed. 3/2/85 LAST NM 52/90 7/92  
 Add Depths 161 meters "Rep (1978)" (PA) 12°58'N 59°34'W  
 77 meters "Rep (1975)" 12°55'N 59°36'W  
 (MCC1168/92; 1(107)79 Taunton)

107 (INT 216) 3Ed. 3/2/85 LAST NM 7/92 51/93  
 Delete R Bn 0°46'N 50°07'W

Add R Bn 0°30.6'N 50°24.9'W  
 (19(165)93 Rio de Janeiro)

107 (INT 216) 3Ed. 3/2/85 LAST NM 51/93 12/94  
 Substitute Depth 277 meters for 1994 meters 2°59'S 37°43'W  
 (See 44/85-107)  
 (22(200)93 Rio de Janeiro)

107 (INT 216) 3Ed. 3/2/85 LAST NM 12/94 29/95  
 Delete Depth 2970 meters 6°20'N 32°50'W

Add Depth 587 meters 6°21'N 32°58'W  
 (14(56)95 Brest)

107 (INT 216) 3Ed. 3/2/85 LAST NM 29/95 1/96  
 Add Light symbol 6°03'S 35°07'W  
 (20(217P)95 Rio de Janeiro)

107 (INT 216) 3Ed. 3/2/85 LAST NM 1/96 11/96  
 Add Light symbol 2°23'S 43°16'W  
 (22(243)95 Rio de Janeiro)

107 (INT 216) 3Ed. 3/2/85 LAST NM 11/96 31/96  
 Add Light symbol 3°24'S 39°01'W  
 (See 44/85-107)  
 (11(103P)96 Rio de Janeiro)

107 (INT 216) 3Ed. 3/2/85 LAST NM 31/96 32/97  
 Delete R Bn at light 1°17'S 44°54'W  
 (12(99)97 Rio de Janeiro)

107 (INT 216) 3Ed. 3/2/85 LAST NM 32/97 38/98  
 Delete Light symbol 0°25'S 47°55'W  
 (Brz LL)

107 (INT 216) 3Ed. 3/2/85 LAST NM 38/98 8/00  
 Add Depth 591 meters [I10] 1°52'S 40°45'W  
 (10(117)95 Rio de Janeiro)

107 (INT 216) 3Ed. 3/2/85 LAST NM 8/00 47/09  
 Add Superbuoy ODAS [Q58] "41040" Y, 14°29'N 53°00'W  
 Fl(4) Y 20s  
 Superbuoy ODAS [Q58] "41041" Y, 14°21'N 46°00'W  
 Fl(4) Y 20s  
 (41/09 CG7)

107 (INT 216) 3Ed. 3/2/85 LAST NM 47/09 49/09  
 Delete Depth 1530 meters 9°14'N 58°51'W

(continued on next page)

<b>107</b> (Continued)		49/09		
Add	Depth 530 meters (39(40)09 Brest)	9°10'N 58°50'W		
<b>107</b> (INT 216)	3Ed. 3/2/85 LAST NM 49/09	29/10		
Add	Depth 20 meters Wk (unsurveyed) [K30] (16(1860)10 Taunton)	7°13'N 55°36'W		
<b>107</b> (INT 216)	3Ed. 3/2/85 LAST NM 29/10	7/11		
Add	Depth 264 meters enclosed by dotted-line circle (ED) (49(5959)10 Taunton)	5°20'N 50°33'W		
<b>107</b> (INT 216)	3Ed. 3/2/85 LAST NM 7/11	37/17		
Delete	Depth 42 meters, blue tint and enclosing depth contour (200-meter) in vicinity (UKHO ARCS 517-0)	7°40'N 55°25'W		
<b>★108</b> (INT 403)	9Ed. 1/8/94 NEW EDITION	18/94		
Delete	R Bn at light (Previously published 4/94)	26°15'N 80°05'W		
Delete	R Bn at light (Previously published 7/94)	43°47.0'N 68°51.3'W		
Delete	R Bn at light (Previously published 10/94)	40°50.5'N 72°28.7'W		
Relocate	Superbuoy ODAS "44011" (41°03.6'N 66°33.3'W) to (Previously published 10/94)	41°05.0'N 66°35.0'W		
Delete	R Bn	22°23'N 78°48'W		
Add	Light flare symbol to superbuoy ODAS "44009" "41015" "41017"	38°28'N 74°42'W 35°24'N 75°14'W 35°24'N 75°05'W		
	R Bn (AERO) (DMAHTC; MCC1334/94)	22°22'N 78°46'W		
<b>108</b> (INT 403)	9Ed. 1/8/94 LAST NM 18/94	28/94		
Relocate	Superbuoy ODAS "44005" close NW to	42°54'N 68°57'W		
Change	Buoy "B" to RW, Racon with light flare symbol	42°23'N 70°47'W		
Add	Superbuoy ODAS Y, Fl(4) Y (Priv) Wreck (PA) Light flare symbol to buoy (17/94 CG1; USCG LL: 10(355)94 Ottawa)	43°05'N 67°35'W 39°39'N 72°26'W 38°47'N 74°39'W		
<b>108</b> (INT 403)	9Ed. 1/8/94 LAST NM 28/94	30/94		
Delete	R Bn R Bn at light (23/94 CG1)	40°38'N 73°19'W 43°46'N 69°18'W		
<b>108</b> (INT 403)	9Ed. 1/8/94 LAST NM 30/94	33/94		
Substitute	Buoy Y, Fl Y (Priv) for superbuoy ODAS (See 28/94-108)	43°05'N 67°35'W		
Add	Buoy Y, Fl Y (Priv) (15/94 CG1)	44°17'N 67°41'W 43°57'N 67°45'W		
<b>108</b> (INT 403)	9Ed. 1/8/94 LAST NM 33/94	35/94		
Add	Superbuoy ODAS "41021" Y, Fl(4) Y 20s (27/94 CG7)	31°55'N 80°51'W		
<b>108</b> (INT 403)	9Ed. 1/8/94 LAST NM 35/94	48/94		
Delete	Buoy (Cancels 33/94-108) (MCC1348/94)	43°05'N 67°35'W 44°17'N 67°41'W 43°57'N 67°45'W		
<b>108</b> (INT 403)	9Ed. 1/8/94 LAST NM 48/94	52/94		
Add	Superbuoy ODAS "41016" Y, Fl(4) Y 20s (MCC1348/94)	24°38'N 76°31'W		
<b>108</b> (INT 403)	9Ed. 1/8/94 LAST NM 52/94	53/94		
Delete	Light (23(731)94 Ottawa)	43°59'N 64°40'W		
<b>108</b> (INT 403)	9Ed. 1/8/94 LAST NM 53/94	1/95		
Delete	R Bn Superbuoy ODAS "41021" (Supersedes 35/94-108) (46, 47/94 CG7)	27°04'N 80°07'W 31°55'N 80°51'W		
<b>108</b> (INT 403)	9Ed. 1/8/94 LAST NM 1/95	2/95		
Delete	R Bn at light (49/94 CG7)	30°22'N 81°25'W		
<b>108</b> (INT 403)	9Ed. 1/8/94 LAST NM 2/95	10/95		
Delete	R Bn at light (2/95 CG5)	33°53'N 78°01'W		
<b>108</b> (INT 403)	9Ed. 1/8/94 LAST NM 10/95	11/95		
Delete	R Bn at light (4, 5/95 CG1)	41°10'N 71°36'W 40°27'N 73°49'W		
<b>108</b> (INT 403)	9Ed. 1/8/94 LAST NM 11/95	20/95		
Add	Superbuoy ODAS "41021" Y, Fl(4) Y 20s (See 1/95-108) (16/95 CG7)	31°55'N 80°51'W		
<b>108</b> (INT 403)	9Ed. 1/8/94 LAST NM 20/95	48/95		
Add	Light symbol (Supersedes 53/94-108) (11(307)95 Ottawa)	43°59'N 64°40'W		
<b>108</b> (INT 403)	9Ed. 1/8/94 LAST NM 48/95	50/95		
Delete	R Bn (40/95 CG1)	43°04'N 70°43'W		
<b>108</b> (INT 403)	9Ed. 1/8/94 LAST NM 50/95	7/96		
Delete	Superbuoy ODAS "41021" (Supersedes 20/95-108) (51/95 CG7)	31°55'N 80°51'W		
<b>108</b> (INT 403)	9Ed. 1/8/94 LAST NM 7/96	12/96		
Delete	R Bn at light (5(103)95 Habana)	22°03'N 80°24'W		
<b>108</b> (INT 403)	9Ed. 1/8/94 LAST NM 12/96	14/96		
Delete	R Bn at light R Bn (8/96 CG5)	36°55'N 76°00'W 34°42'N 76°41'W 38°47'N 75°05'W		
<b>108</b> (INT 403)	9Ed. 1/8/94 LAST NM 14/96	37/96		
Add	Depth 11 meters "Rep (1994)" (SMEA039/96)	34°03'N 76°47'W		
<b>★108</b> (INT 403)	9Ed. 1/8/94 LAST NM 37/96	8/97		
Add	Danger circle "Unexploded ordnance Rep (1997)" (3/97 CG1)	42°39'N 69°17'W		
<b>108</b> (INT 403)	9Ed. 1/8/94 LAST NM 8/97	23/97		
Delete	R Bn at light (9(222)96 Habana)	22°41'N 78°53'W		
<b>108</b> (INT 403)	9Ed. 1/8/94 LAST NM 23/97	27/97		
Delete	R Bn (AERO) (GIMM001/97)	25°42'N 79°15'W		
<b>108</b> (INT 403)	9Ed. 1/8/94 LAST NM 27/97	28/97		
Delete	R Bn at light (GIMM002/97)	28°27'N 80°33'W		

108 (INT 403) 9Ed. 1/8/94 LAST NM 28/97 29/97  
Delete Superbuoy ODAS "41006" 29°18'N 77°22'W  
(24/97 CG7)

108 (INT 403) 9Ed. 1/8/94 LAST NM 29/97 37/97  
Substitute Buoy "N" RW, Mo(A), Strobe Fl 4s Racon  
for superbuoy LANBY "N" 40°30'N 69°26'W  
(31/97 CG1)

108 (INT 403) 9Ed. 1/8/94 LAST NM 37/97 28/98  
Delete Light and Racon 31°57'N 80°41'W  
(19/98 CG7)

108 (INT 403) 9Ed. 1/8/94 LAST NM 28/98 28/99  
Delete Buoy "N" 40°30'N 69°26'W  
(22/99 CG1)

108 (INT 403) 9Ed. 1/8/94 LAST NM 28/99 50/99  
Delete Light symbol 26°05'N 80°06'W  
(40/99 CG7)

108 (INT 403) 9Ed. 1/8/94 LAST NM 50/99 16/00  
Relocate Superbuoy ODAS "44142" from  
42°27'N 64°14'W to 42°30'N 64°01'W  
(6(1126)99 Ottawa)

108 (INT 403) 9Ed. 1/8/94 LAST NM 16/00 27/00  
Delete R Bn (AERO) 22°22'N 78°46'W  
(12(177)99 Habana)

108 (INT 403) 9Ed. 1/8/94 LAST NM 27/00 38/01  
Delete Superbuoy ODAS "44004" 38°30'N 70°41'W

Relocate Superbuoy ODAS "41002" from  
32°18'N 75°14'W to 32°16'N 75°26'W

Add Superbuoy ODAS [Q58] "44004" Y,  
Fl(4) Y 20s 38°30'N 70°28'W  
(29/01 CG7; NTM0020/2001)

108 (INT 403) 9Ed. 1/8/94 LAST NM 38/01 42/01  
Relocate Superbuoy ODAS "41001" from  
34°38'N 72°39'W to 34°40'N 72°13'W  
(NTM0020/2001)

108 (INT 403) 9Ed. 1/8/94 LAST NM 42/01 12/02  
Relocate Superbuoy ODAS "41002" from  
32°16'N 75°26'W to 32°13'N 75°28'W  
(See 38/01-108)  
(NTM0013/2002)

108 (INT 403) 9Ed. 1/8/94 LAST NM 12/02 13/02  
Relocate Superbuoy ODAS "44011" from  
41°05'N 66°35'W to 41°04'N 66°35'W  
(NTM0013/2002)

108 (INT 403) 9Ed. 1/8/94 LAST NM 13/02 32/02  
Add Danger circle "Obstn" [K40] (PA) 31°48'N 79°34'W  
(NOS)

108 (INT 403) 9Ed. 1/8/94 LAST NM 32/02 35/02  
Add Superbuoy ODAS [Q58] "41012" Y,  
Fl(4) Y 20s 30°00'N 80°30'W  
(27/02 CG7)

108 (INT 403) 9Ed. 1/8/94 LAST NM 35/02 34/03  
Delete R Bn at light 32°01'N 80°50'W  
(26/03 CG7)

108 (INT 403) 9Ed. 1/8/94 LAST NM 34/03 39/03  
Delete Depth 11 meters, danger circle and legend  
"(Rep 1994)" 34°03'N 76°47'W  
(NOS)

108 (INT 403) 9Ed. 1/8/94 LAST NM 39/03 19/04  
Add Wreck [K29] "Rep (2004)" 25°54'N 79°55'W  
(NTM0001/2004)

108 (INT 403) 9Ed. 1/8/94 LAST NM 19/04 21/04  
Relocate Superbuoy ODAS "41012" from  
30°00'N 80°30'W to 30°03'N 80°33'W  
(NTM0036/2003)

108 (INT 403) 9Ed. 1/8/94 LAST NM 21/04 1/05  
Relocate Superbuoy ODAS "41002" from  
32°13'N 75°28'W to 32°19'N 75°21'W  
(NOS)

108 (INT 403) 9Ed. 1/8/94 LAST NM 1/05 26/05  
Relocate Superbuoy ODAS "44005" from  
42°54'N 68°57'W to 43°11'N 69°10'W

Add Depth 1116 meters "Rep (2005)" 27°26'N 76°35'W  
(NTM0002, 0024/2005)

108 (INT 403) 9Ed. 1/8/94 LAST NM 26/05 13/06  
Relocate Superbuoy ODAS "44011" from  
41°06'N 66°37'W to 41°07'N 66°35'W  
(9/06 CG1)

108 (INT 403) 9Ed. 1/8/94 LAST NM 13/06 28/06  
Add Depth 390 meters 23°07'N 79°16'W  
(NTM0007/2005)

108 (INT 403) 9Ed. 1/8/94 LAST NM 28/06 8/07  
Substitute Depth 8 meters for 13 meters 20°08'N 68°51'W

Add Depth 63 meters, blue tint and enclosing  
dotted-line circle 20°03'N 69°22'W  
(46(5388)05 Taunton)

108 (INT 403) 9Ed. 1/8/94 LAST NM 8/07 12/07  
Add Superbuoy ODAS [Q58] "41424" RW,  
Fl(4) Y 20s 32°56'N 72°28'W  
(18/06 CG5)

108 (INT 403) 9Ed. 1/8/94 LAST NM 12/07 42/07  
Add Wreck [K29] 40°26'N 68°21'W  
(NOS)

108 (INT 403) 9Ed. 1/8/94 LAST NM 42/07 5/08  
Relocate Superbuoy ODAS "41002" from  
32°19'N 75°21'W to 32°20'N 75°27'W  
(48/07 CG7)

108 (INT 403) 9Ed. 1/8/94 LAST NM 5/08 8/08  
Substitute Buoy RW, pillar, Fl 5s WHIS for light 40°27'N 73°48'W  
(NOS)

108 (INT 403) 9Ed. 1/8/94 LAST NM 8/08 25/08  
Add Buoy Y, pillar, Fl(5) Y (Priv) with legend  
"ODAS" 42°20'N 65°55'W  
(5(8006)08 Ottawa)

108 (INT 403) 9Ed. 1/8/94 LAST NM 25/08 39/08  
Relocate Superbuoy ODAS "44005" from  
43°11'N 69°10'W to 43°10'N 69°08'W  
(31/08 CG1)

108 (INT 403) 9Ed. 1/8/94 LAST NM 39/08 8/09  
Delete Radiobeacon at light 43°24'N 66°00'W  
Radiobeacon at light 41°04'N 71°52'W  
(11(4000)08 Ottawa)

★108 (INT 403) 9Ed. 1/8/94 LAST NM 8/09 23/09  
Add Superbuoy ODAS [Q58] "41049" Y,  
Fl(4) Y 20s 27°30'N 63°00'W  
(NTM0025/2009)

108 (INT 403) 9Ed. 1/8/94 LAST NM 23/09 24/09  
Add Depth 1712 meters "Rep (2009)" 25°31'N 77°24'W  
(NTM0035/2008)

<b>108</b> (INT 403)	9Ed. 1/8/94	LAST NM 24/09	26/09
Add	Wreck [K29]	31°24'N 74°07'W	
	Wreck [K29]	35°52'N 70°08'W	
(NTM0028/2009)			
<b>108</b> (INT 403)	9Ed. 1/8/94	LAST NM 26/09	30/09
Add	Superbuoy ODAS [Q58] "44066" Y,	39°35'N 72°36'W	
	Fl(4) Y 20s		
(25/09 CG5)			
<b>108</b> (INT 403)	9Ed. 1/8/94	LAST NM 30/09	33/09
Add	Depth 536 meters	32°13'N 77°44'W	
	Depth 3968 meters	30°11'N 75°51'W	
(NTM0022/2009)			
<b>108</b> (INT 403)	9Ed. 1/8/94	LAST NM 33/09	34/09
Add	Superbuoy ODAS [Q58] "42080" Y,	24°24'N 81°56'W	
	Fl(4) Y 20s		
(20/09 CG7)			
<b>108</b> (INT 403)	9Ed. 1/8/94	LAST NM 34/09	38/09
Add	Wreck [K29]	33°09'N 71°39'W	
	Wreck [K29]	35°51'N 70°20'W	
	Wreck [K29]	36°25'N 70°46'W	
	Wreck [K29]	36°04'N 70°14'W	
(NTM0028/2009)			
<b>108</b> (INT 403)	9Ed. 1/8/94	LAST NM 38/09	46/09
Relocate	Superbuoy ODAS "41002" from	32°23'N 75°25'W	
	32°20'N 75°27'W to		
(40/09 CG7)			
<b>108</b> (INT 403)	9Ed. 1/8/94	LAST NM 46/09	47/09
Add	Superbuoy ODAS [Q58] "41043" Y,	21°59'N 65°01'W	
	Fl(4) Y 20s		
	Superbuoy ODAS [Q58] "41046" Y,	24°00'N 71°00'W	
	Fl(4) Y 20s		
	Superbuoy ODAS [Q58] "41047" Y,	27°28'N 71°29'W	
	Fl(4) Y 20s (PA)		
	Superbuoy ODAS [Q58] "41048" Y,	31°59'N 69°39'W	
	Fl(4) Y 20s (PA)		
	Superbuoy ODAS [Q58] "41420" Y,	23°19'N 67°40'W	
	Fl(4) Y 20s		
	Superbuoy ODAS [Q58] "41421" Y,	23°24'N 63°54'W	
	Fl(4) Y 20s		
(41/09 CG7)			
<b>108</b> (INT 403)	9Ed. 1/8/94	LAST NM 47/09	3/10
Add	Depth 183 meters "Rep (2006)"	18°25'N 67°40'W	
	Depth 183 meters	18°19'N 67°41'W	
(NOS)			
<b>108</b> (INT 403)	9Ed. 1/8/94	LAST NM 3/10	52/10
Substitute	Depth 157 meters for 161 meters	20°28'N 80°27'W	
(48(6306)09 Taunton)			
<b>108</b> (INT 403)	9Ed. 1/8/94	LAST NM 52/10	43/11
Delete	Depth 153 meters Obstn	24°55'N 77°50'W	
(NTM0011/2011)			
<b>108</b> (INT 403)	9Ed. 1/8/94	LAST NM 43/11	35/14
Add	Light symbol	24°27'N 81°53'W	
(26/14 CG7)			
<b>108</b> (INT 403)	9Ed. 1/8/94	LAST NM 35/14	42/14
Delete	Depth 366 meters (PA) and enclosing	19°29'N 64°51'W	
	dotted-line circle in vicinity		
	Depth 22 meters, blue tint and enclosing	18°21'N 64°10'W	
	dotted-line circle in vicinity		
(NTM0012/2014)			
<b>108</b> (INT 403)	9Ed. 1/8/94	LAST NM 42/14	24/15
Add	Note	40°00'N 80°00'W	
	"NOTE		
	Ocean Data Acquisition System (ODAS) buoys		
	will no longer be maintained on this chart		
	unless located in areas where larger scale chart		
	coverage is unavailable."		
(NTM0008/2014)			
<b>108</b> (INT 403)	9Ed. 1/8/94	LAST NM 24/15	4/17
Delete	Racon from light	36°54'N 75°44'W	
(40/16 CG5)			
<b>★108</b> (INT 403)	9Ed. 1/8/94	LAST NM 4/17	43/17
Delete	Depth 264 meters (ED) and enclosing dotted-	17°01'N 79°32'W	
	line circle in vicinity		
Add	Depth 639 meters enclosed by depth contour	17°49'N 79°20'W	
	(1000-meter) centered		
(NTM0005/2017)			
<b>★108</b> (INT 403)	9Ed. 1/8/94	LAST NM 43/17	8/18
Add	Danger circle "Obstn" [K40]	34°49'N 75°29'W	
(NOS)			
<b>108</b> (INT 403)	9Ed. 1/8/94	LAST NM 8/18	14/18
Relocate	Buoy "44005" from 43°10'N 69°08'W to	43°12'N 69°08'W	
Add	Buoy ODAS [Q58] "44008" Y, Fl (4) Y 20s	40°30'N 69°15'W	
(12/11, 2/12 Ottawa)			
<b>108</b> (INT 403)	9Ed. 1/8/94	LAST NM 14/18	17/18
Substitute	Depth 40 meters Wk [K26] for dangerous	40°24'N 72°22'W	
	wreck		
(6/11 Ottawa)			
<b>★108</b> (INT 403)	9Ed. 1/8/94	LAST NM 17/18	27/18
Delete	Dangerous wreck	33°07'N 78°17'W	
Substitute	Depth 25 meters Wk [K26] for wreck	33°12'N 77°48'W	
(NOS)			
<b>★108</b> (INT 403)	9Ed. 1/8/94	LAST NM 27/18	9/19
Delete	Light symbol	37°08'N 75°55'W	
(4/19 CG5)			
<b>★108</b> (INT 403)	9Ed. 1/8/94	LAST NM 9/19	13/19
Add	Superbuoy ODAS [Q58] "44017" Y,	40°42'N 72°03'W	
	Fl(4) Y 20s		
(USACE)			
<b>★108</b> (INT 403)	9Ed. 1/8/94	LAST NM 13/19	33/19
Relocate	Superbuoy ODAS "41001" from	34°30'N 72°31'W	
	34°40'N 72°13'W to		
(26/19 CG5)			
<b>★109</b> (INT 404)	5Ed. 8/5/95	NEW EDITION	41/95
(DMA)			
<b>109</b> (INT 404)	5Ed. 8/5/95	LAST NM 41/95	48/95
Add	Light symbol	43°59'N 64°40'W	
(11(307)95 Ottawa)			
<b>109</b> (INT 404)	5Ed. 8/5/95	LAST NM 48/95	7/96
Delete	Purple circle at light	46°27'N 61°58'W	
(24(701)95 Ottawa)			
<b>109</b> (INT 404)	5Ed. 8/5/95	LAST NM 7/96	13/96
Delete	Purple circle at light	49°19'N 67°23'W	
Relocate	Superbuoy ODAS "44140" close W to	42°51'N 51°34'W	
	(2(128, 137)96 Ottawa)		
<b>109</b> (INT 404)	5Ed. 8/5/95	LAST NM 13/96	36/96
Delete	Purple circle at light	49°05'N 61°42'W	
(7(373)96 Ottawa)			
<b>109</b> (INT 404)	5Ed. 8/5/95	LAST NM 36/96	42/96
Delete	Purple circle at light	46°03'N 59°40'W	
		45°20'N 60°55'W	
(8(426, 430)96 Ottawa)			

**109** (INT 404) 5Ed. 8/5/95 LAST NM 42/96 2/97  
 Delete Purple circle at light 44°27'N 63°33'W  
 47°51'N 61°09'W  
 48°00'N 64°32'W  
  
 Substitute Depth 36 meters "Rep (1982)" (PA) for  
 37 meters "Rep (1982)" (PA) 45°53'N 47°41'W  
  
 Add Danger circle "Obstn" 45°32'N 48°37'W  
 (GIMM001/97)

**109** (INT 404) 5Ed. 8/5/95 LAST NM 2/97 8/97  
 Add Danger circle "Unexploded ordnance  
 Rep (1997)" 42°39'N 69°17'W  
 (3/97 CG1)

**109** (INT 404) 5Ed. 8/5/95 LAST NM 8/97 37/97  
 Substitute Buoy "N" RW, Mo(A), Strobe Fl 4s Racon  
 for superbuoy LANBY "N" 40°30'N 69°26'W  
 (31/97 CG1)

**109** (INT 404) 5Ed. 8/5/95 LAST NM 37/97 23/98  
 Delete Buoy "Virgin Rocks" 46°28'N 50°40'W  
 (4(E739)98 Ottawa)

**109** (INT 404) 5Ed. 8/5/95 LAST NM 23/98 26/98  
 Delete Light 48°30'N 64°13'W  
 (4(E717)98 Ottawa)

**109** (INT 404) 5Ed. 8/5/95 LAST NM 26/98 43/98  
 Add Superbuoy ODAS "44153" Y, Fl(5) Y 20s 46°44'N 48°49'W  
 (9(E1712)98 Ottawa)

**109** (INT 404) 5Ed. 8/5/95 LAST NM 43/98 28/99  
 Delete Buoy "N" 40°30'N 69°26'W  
 (22/99 CG1)

**109** (INT 404) 5Ed. 8/5/95 LAST NM 28/99 16/00  
 Relocate Superbuoy ODAS "44142" from  
 42°27'N 64°16'W to 42°30'N 64°01'W  
 (6(1126)99 Ottawa)

**109** (INT 404) 5Ed. 8/5/95 LAST NM 16/00 26/05  
 Relocate Superbuoy ODAS "44005" from  
 42°54'N 68°57'W to 43°11'N 69°10'W  
 (NTM0002/2005)

**109** (INT 404) 5Ed. 8/5/95 LAST NM 26/05 2/07  
 Delete Superbuoy ODAS "44153" 46°44'N 48°49'W  
 (3(4000)06 Ottawa)

**109** (INT 404) 5Ed. 8/5/95 LAST NM 2/07 19/07  
 Delete Light 43°56'N 60°02'W  
 (10(4013)04 Ottawa)

**109** (INT 404) 5Ed. 8/5/95 LAST NM 19/07 42/07  
 Add Wreck [K29] 40°26'N 68°21'W  
 (NOS)

**109** (INT 404) 5Ed. 8/5/95 LAST NM 42/07 44/07  
 Substitute Disused submarine cable [L32] for  
 submarine cable between 46°22'N 60°13'W  
 47°22'N 56°05'W  
  
 Disused submarine cable [L32] for  
 submarine cable between 46°22'N 60°14'W  
 47°17'N 56°07'W  
 (12(4002)04 Ottawa)

**109** (INT 404) 5Ed. 8/5/95 LAST NM 44/07 25/08  
 Add Buoy Y, pillar, Fl(5) Y (Priv) with legend  
 "ODAS" 42°20'N 65°55'W  
 (5(8006)08 Ottawa)

**109** (INT 404) 5Ed. 8/5/95 LAST NM 25/08 39/08  
 Relocate Superbuoy ODAS "44005" from  
 43°11'N 69°10'W to 43°10'N 69°08'W  
 (31/08 CG1)

**109** (INT 404) 5Ed. 8/5/95 LAST NM 39/08 43/08  
 Relocate Superbuoy ODAS "44139" from  
 44°19'N 57°21'W to 44°14'N 57°06'W  
 (1(4006)05 Ottawa)

**109** (INT 404) 5Ed. 8/5/95 LAST NM 43/08 8/09  
 Delete Purple circle at light 43°24'N 66°01'W  
 Purple circle at light 41°04'N 71°52'W  
 (11(4000)08 Ottawa)

**109** (INT 404) 5Ed. 8/5/95 LAST NM 8/09 30/09  
 Add Superbuoy ODAS [Q58] "44066" Y,  
 Fl(4) Y 20s 39°35'N 72°36'W  
 (25/09 CG5)

**109** (INT 404) 5Ed. 8/5/95 LAST NM 30/09 42/16  
 Add Superbuoy ODAS [Q58] Y, spherical,  
 Fl(5) Y 20s 46°43'N 48°54'W  
 (NTM0008/2016)

**109** (INT 404) 5Ed. 8/5/95 LAST NM 42/16 14/18  
 Relocate Buoy "44005" from 43°10'N 69°08'W to 43°12'N 69°08'W  
  
 Add Buoy ODAS [Q58] "44008" Y, Fl (4) Y 20s  
 40°30'N 69°15'W  
 (12/11, 2/12 Ottawa)

**★109** (INT 404) 5Ed. 8/5/95 LAST NM 14/18 13/19  
 Add Superbuoy ODAS [Q58] "44017" Y,  
 Fl(4) Y 20s 40°42'N 72°03'W  
 (USACE)

**★110** (INT 405) 2Ed. 3/16/96 NEW EDITION 26/96  
 Delete Racon 60°04'N 43°13'W  
 59°59'N 45°13'W  
 62°00'N 49°41'W  
  
 Add Depth 156 meters enclosed by  
 dotted-line circle 59°45.3'N 46°08.8'W  
 (DMA; SMEA006/96)

**110** (INT 405) 2Ed. 3/16/96 LAST NM 26/96 29/96  
 Substitute Depth 292 meters for 1125 meters 55°09'N 34°53'W  
  
 Add Depth 422 meters 56°31'N 34°00'W  
 (SMEA006/96)

**110** (INT 405) 2Ed. 3/16/96 LAST NM 29/96 34/07  
 Delete Light symbol and R Bn 60°42'N 64°38'W  
 (2(4700)07 Ottawa)

**110** (INT 405) 2Ed. 3/16/96 LAST NM 34/07 36/07  
 Delete Light symbol 61°18'N 64°53'W  
 (12(5002)06 Ottawa)

**110** (INT 405) 2Ed. 3/16/96 LAST NM 36/07 34/11  
 Add Depth 49 meters Obstn [K41] 60°36'N 52°25'W  
 (8/09 Ottawa)

**★111** (INT 406) 3Ed. 4/12/97 NEW EDITION 25/97  
 (NIMA)

**111** (INT 406) 3Ed. 4/12/97 LAST NM 25/97 51/06  
 Delete Light and R Bn 62°32'N 70°34'W  
 (3(4000)06 Ottawa)

**111** (INT 406) 3Ed. 4/12/97 LAST NM 51/06 34/07  
 Delete Light symbol and R Bn 60°42'N 64°37'W  
 (2(4700)07 Ottawa)

**111** (INT 406) 3Ed. 4/12/97 LAST NM 34/07 36/07  
 Delete Light and R Bn 61°18'N 64°52'W  
 (12(5002)06 Ottawa)

**111** (INT 406) 3Ed. 4/12/97 LAST NM 36/07 24/08  
 Delete Legend "AERO" from radiobeacon 58°27'N 78°07'W  
 (7(4000)06 Ottawa)

111 (INT 406)	3Ed. 4/12/97	LAST NM 24/08	45/09
Delete	Light symbol and R Bn	62°38'N 73°56'W	
Add	Superbuoy ODAS [Q58] "45158" Y, Fl(5) Y 20s (6(5002, 5400)06 Ottawa)	59°00'N 94°00'W	
★112 (INT 112) (DMA)	6Ed. 6/15/96	NEW EDITION	34/96
112 (INT 112)	6Ed. 6/15/96	LAST NM 34/96	8/98
Substitute	Depth 94 meters for 111 meters	63°49'N 15°10'W	
Add	Depth 47 meters (GIMM011/98)	64°00'N 15°36'W	
112 (INT 112)	6Ed. 6/15/96	LAST NM 8/98	19/98
Delete	RC	64°39.0'N 14°17.0'W	
	RC at light	65°30.0'N 24°30.0'W	
	(12(34, 35)97 Reykjavik)		
112 (INT 112)	6Ed. 6/15/96	LAST NM 19/98	23/99
Delete	RC at light	63°48'N 22°42'W	
		66°07'N 20°06'W	
	RC	66°27'N 15°56'W	
	(1(5)99 Reykjavik)	63°31'N 17°58'W	
112 (INT 112)	6Ed. 6/15/96	LAST NM 23/99	27/99
Delete	RC at light.	63°48'N 16°38'W	
	(4(15)99 Reykjavik)		
112 (INT 112)	6Ed. 6/15/96	LAST NM 27/99	48/08
Delete	Depth 188 meters and enclosing depth contour (200-meter) centered	63°54'N 24°26'W	
	Depth 198 meters	67°03'N 22°06'W	
	Depth 190 meters and enclosing depth contour (200-meter) centered	66°51'N 20°35'W	
	Depth 179 meters and enclosing depth contour (200-meter) centered	66°52'N 13°44'W	
	Depth 141 meters (3-4(5)08 Reykjavik)	66°37'N 13°24'W	
★113 (INT 113) (DMA)	4Ed. 6/15/96	NEW EDITION	33/96
113 (INT 113)	4Ed. 6/15/96	LAST NM 33/96	4/08
Add	Depth 1245 meters "Rep (2007)" (NTM0002/2008)	72°17'N 0°39'W	
★120	6Ed. 8/20/94	NEW EDITION	51/94
Add	Superbuoy ODAS "41018" Y, Fl(4) Y 20s (Previously published 47/94)	15°00'N 75°00'W	
Delete	Buoy (DMAHTC; MCC1348/94)	43°05'N 67°35'W	
120	6Ed. 8/20/94	LAST NM 51/94	1/95
Delete	R Bn (47/94 CG7)	27°04'N 80°07'W	
120	6Ed. 8/20/94	LAST NM 1/95	2/95
Delete	R Bn (49/94 CG7)	30°22'N 81°25'W	
120	6Ed. 8/20/94	LAST NM 2/95	4/95
Add	Superbuoy ODAS "44140" Y, Fl(5) Y 20s (25(784)94 Ottawa)	42°42'N 50°30'W	
120	6Ed. 8/20/94	LAST NM 4/95	10/95
Delete	R Bn (2/95 CG5)	33°54'N 78°00'W	
		35°49'N 75°31'W	
120	6Ed. 8/20/94	LAST NM 10/95	11/95
Delete	R Bn (4/95 CG1)	40°27'N 73°50'W	
120	6Ed. 8/20/94	LAST NM 11/95	15/95
Delete	Depth 10 fathoms 11 fathoms 75 fathoms (7(24)95 Brest)	38°13'N 29°06'W	
		37°50'N 29°17'W	
		37°45'N 29°05'W	
120	6Ed. 8/20/94	LAST NM 15/95	29/95
Add	Depth 321 fathoms (14(56)95 Brest)	6°21'N 32°58'W	
120	6Ed. 8/20/94	LAST NM 29/95	49/95
Delete	R Bn (40/95 CG1)	43°06'N 70°40'W	
120	6Ed. 8/20/94	LAST NM 49/95	5/96
Delete	Depth 23 fathoms (Can CH 4049)	46°07'N 48°12'W	
120	6Ed. 8/20/94	LAST NM 5/96	12/96
Delete	R Bn (5(103)95 Habana)	22°03'N 80°24'W	
120	6Ed. 8/20/94	LAST NM 12/96	13/96
Delete	Superbuoy ODAS "41018"	15°00'N 75°00'W	
	Relocate Superbuoy ODAS "44140" (42°42'N 50°30'W) to (8/96 CG7; 2(128)96 Ottawa)	42°51'N 51°34'W	
120	6Ed. 8/20/94	LAST NM 13/96	14/96
Delete	R Bn (8/96 CG5)	34°43'N 76°42'W	
		36°55'N 76°00'W	
		38°47'N 75°08'W	
120	6Ed. 8/20/94	LAST NM 14/96	17/96
Delete	Depth 57 fathoms (4(33)96 Brest)	38°20'N 30°06'W	
120	6Ed. 8/20/94	LAST NM 17/96	29/96
Substitute	Depth 128 fathoms for 725 fathoms 416 fathoms for 875 fathoms	6°19'N 22°37'W	
		6°10'N 24°52'W	
Add	Depth 432 fathoms (23(1907)96 Taunton)	6°00'N 24°57'W	
120	6Ed. 8/20/94	LAST NM 29/96	37/96
Add	Depth 6 fathoms "Rep (1994)" (SMEA039/96)	34°03'N 76°47'W	
120	6Ed. 8/20/94	LAST NM 37/96	42/96
Delete	R Bn (8(426, 430)96 Ottawa)	46°03'N 59°40'W	
		45°20'N 60°55'W	
120	6Ed. 8/20/94	LAST NM 42/96	28/97
Delete	R Bn (GIMM002/97)	28°28'N 80°35'W	
120	6Ed. 8/20/94	LAST NM 28/97	37/97
Delete	Superbuoy LANBY (31/97 CG1)	40°30'N 69°25'W	
120	6Ed. 8/20/94	LAST NM 37/97	12/98
Substitute	Depth 14 fathoms for 19 fathoms (14(142), 15(156)97 Lisboa)	36°43'N 11°10'W	
120	6Ed. 8/20/94	LAST NM 12/98	5/99
Delete	R Bn (30/98 Trinity House)	50°00'N 6°20'W	

120 6Ed. 8/20/94 LAST NM 5/99 42/99  
 Add Superbuoy ODAS Y with light flare symbol 14°37'N 56°15'W  
 Superbuoy ODAS Y with light flare symbol 15°57'N 57°55'W  
 (10(59)99 Brest)

120 6Ed. 8/20/94 LAST NM 42/99 49/99  
 Substitute Depth 6 fathoms 3 feet for 3 fathoms 5 feet 38°13'N 26°36'W  
 (1(52)98 Lisboa)

120 6Ed. 8/20/94 LAST NM 49/99 10/00  
 Delete R Bn 38°47'N 9°30'W  
 (21(298)99 Lisboa)

120 6Ed. 8/20/94 LAST NM 10/00 16/00  
 Relocate Superbuoy ODAS "44142" from 42°31'N 64°12'W to 42°30'N 64°01'W  
 (6(1126)99 Ottawa)

120 6Ed. 8/20/94 LAST NM 16/00 18/00  
 Substitute Depth 64 fathoms "Rep (2000)" for 270 fathoms 34°31'N 30°36'W  
 (NTM0001/2000)

120 6Ed. 8/20/94 LAST NM 18/00 48/00  
 Delete R Bn 48°28'N 5°08'W  
 R Bn 47°50'N 4°20'W  
 R Bn 47°55'N 4°10'W  
 R Bn 46°45'N 2°20'W  
 (3(13)00 Brest)

120 6Ed. 8/20/94 LAST NM 48/00 34/01  
 Delete R Bn 37°01'N 8°55'W  
 (4(145)01 Lisboa; Por LL)

120 6Ed. 8/20/94 LAST NM 34/01 38/01  
 Delete Superbuoy ODAS 32°18'N 75°14'W  
 Add Superbuoy ODAS [Q58] "41002" Y, Fl(4) Y 20s 32°16'N 75°26'W  
 (29/01 CG7)

120 6Ed. 8/20/94 LAST NM 38/01 44/01  
 Delete R Bn 41°12'N 8°35'W  
 R Bn 40°40'N 8°45'W  
 R Bn 40°15'N 8°50'W  
 R Bn 39°23'N 9°30'W  
 (4(134)01 Lisboa)

120 6Ed. 8/20/94 LAST NM 44/01 39/03  
 Delete Depth 6 fathoms, danger circle and legend "Rep 1994" 34°03'N 76°47'W  
 (NOS)

120 6Ed. 8/20/94 LAST NM 39/03 26/05  
 Relocate Superbuoy ODAS "44005" from 42°54'N 68°57'W to 43°11'N 69°10'W  
 Add Depth 610 fathoms "Rep (2005)" 27°26'N 76°35'W  
 (NTM0002, 0024/2005)

120 6Ed. 8/20/94 LAST NM 26/05 8/06  
 Delete R Bn 33°01'N 16°18'W  
 R Bn 32°40'N 16°37'W  
 R Bn 28°03'N 16°34'W  
 R Bn 28°12'N 15°22'W  
 R Bn 28°17'N 13°55'W  
 R Bn 33°35'N 7°34'W  
 (28(294)05 Cadiz)

120 6Ed. 8/20/94 LAST NM 8/06 20/06  
 Delete R Bn 42°15'N 8°48'W  
 R Bn 42°57'N 9°11'W  
 R Bn 43°10'N 9°09'W  
 R Bn 43°40'N 5°50'W  
 R Bn 43°25'N 2°45'W  
 R Bn 35°47'N 5°56'W  
 (40(400)05 Cadiz; Spn LL)

120 6Ed. 8/20/94 LAST NM 20/06 28/06  
 Add Depth 208 fathoms 23°07'N 79°16'W  
 (NTM0007/2005)

120 6Ed. 8/20/94 LAST NM 28/06 50/06  
 Add Depth 4 fathoms Obstr [K41] "Rep (2006)" 16°29'N 81°22'W  
 Depth 4 fathoms Obstr [K41] "Rep (2006)" 16°23'N 81°19'W  
 (43(4946)06 Taunton)

120 6Ed. 8/20/94 LAST NM 50/06 8/07  
 Substitute Depth 4 fathoms 3 feet for 7 fathoms 20°08'N 68°51'W  
 (46(5388)05 Taunton)

120 6Ed. 8/20/94 LAST NM 8/07 24/07  
 Add Superbuoy ODAS [Q58] "41036" Y, Fl(4) Y 20s 34°13'N 76°57'W  
 (NTM0018/2007)

120 6Ed. 8/20/94 LAST NM 24/07 10/08  
 Add Depth 116 fathoms enclosed by depth contour (1000-fathom) 44°07'N 22°07'W  
 Depth 57 fathoms enclosed by depth contour (100-fathom) 38°19'N 30°06'W  
 (10(1157, 1158)03 Taunton)

120 6Ed. 8/20/94 LAST NM 10/08 20/08  
 Substitute Depth 123 fathoms "Rep (2007)" [I3.2] for 2700 fathoms 36°57'N 49°15'W  
 (7(883)08 Taunton)

120 6Ed. 8/20/94 LAST NM 20/08 43/08  
 Relocate Superbuoy ODAS "44139" from 44°20'N 57°20'W to 44°14'N 57°06'W  
 (1(4006)05 Ottawa)

120 6Ed. 8/20/94 LAST NM 43/08 8/09  
 Delete Radiobeacon 43°24'N 66°01'W  
 Radiobeacon 41°04'N 71°54'W  
 (11(4000)08 Ottawa)

120 6Ed. 8/20/94 LAST NM 8/09 23/09  
 Add Superbuoy ODAS [Q58] "41049" Y, Fl(4) Y 20s 27°30'N 63°00'W  
 Superbuoy ODAS [Q58] "41044" Y, Fl(4) Y 20s 21°39'N 58°42'W  
 (NTM0025/2009)

120 6Ed. 8/20/94 LAST NM 23/09 29/09  
 Add Superbuoy ODAS [Q58] "42060" Y, Fl(4) Y 20s 16°30'N 63°30'W  
 (NTM0025/2009)

120 6Ed. 8/20/94 LAST NM 29/09 33/09  
 Add Depth 293 fathoms 32°13'N 77°44'W  
 Depth 2169 fathoms 30°11'N 75°51'W  
 (NTM0022/2009)

120 6Ed. 8/20/94 LAST NM 33/09 34/09  
 Add Superbuoy ODAS [Q58] "41016" Y, Fl(4) Y 20s 24°38'N 76°31'W  
 (20/09 CG7)

120 6Ed. 8/20/94 LAST NM 34/09 45/09  
 Delete Superbuoy ODAS "41016" 24°38'N 76°31'W  
 (Supersedes 34/09-120)  
 (40/09 CG1)

120 6Ed. 8/20/94 LAST NM 45/09 46/09  
 Relocate Superbuoy ODAS "41002" from 32°16'N 75°26'W to 32°23'N 75°25'W  
 (40/09 CG7)



<b>120</b>	6Ed. 8/20/94	LAST NM 46/09	47/09						
Add	Superbuoy ODAS [Q58] "42058" Y, FI(4) Y 20s		15°06'N 75°04'W					40°22'N 29°43'W	
	Superbuoy ODAS [Q58] "41040" Y, FI(4) Y 20s		14°29'N 53°00'W			(18(133)13 Brest; 6(228)13, 6(233)14 Lisboa)		Superbuoy ODAS [Q58] "ODAS CSA 81" Y, FI(5) Y 20s	36°24'N 8°04'W
	Superbuoy ODAS [Q58] "41041" Y, FI(4) Y 20s		14°21'N 46°00'W						
	Superbuoy ODAS [Q58] "41043" Y, FI(4) Y 20s		21°59'N 65°01'W					<b>120</b> 6Ed. 8/20/94	LAST NM 38/16
	Superbuoy ODAS [Q58] "41046" Y, FI(4) Y 20s		24°00'N 71°00'W					Substitute	Depth 15 fathoms for 24 fathoms
	Superbuoy ODAS [Q58] "41047" Y, FI(4) Y 20s (PA)		27°28'N 71°29'W					(6(187)15 Lisboa)	41/16
	Superbuoy ODAS [Q58] "41048" Y, FI(4) Y 20s (PA)		31°59'N 69°39'W						38°00'N 29°16'W
	Superbuoy ODAS [Q58] "41420" Y, FI(4) Y 20s		23°19'N 67°40'W						
	Superbuoy ODAS [Q58] "41421" Y, FI(4) Y 20s		23°24'N 63°54'W					<b>120</b> 6Ed. 8/20/94	LAST NM 41/16
	Superbuoy ODAS [Q58] "42059" Y, FI(4) Y 20s		15°00'N 67°30'W					Add	Superbuoy ODAS [Q58] Y, spherical, FI(5) Y 20s
	Superbuoy ODAS [Q58] "42407" Y, FI(4) Y 20s		15°16'N 68°14'W					(NTM0008/2016)	42/16
	(41/09 CG7; NTM0030/2009)								
								<b>120</b> 6Ed. 8/20/94	LAST NM 42/16
								Change	Designation of superbuoy ODAS "24GB" to "K1"
									48°42'N 12°23'W
								Add	Superbuoy ODAS [Q58] "PAP" Y, FI(5) Y 20s
								(UKHO ARCS 4102-0)	49°00'N 16°22'W
								<b>120</b> 6Ed. 8/20/94	LAST NM 37/17
								Delete	Depth 20 fathoms "Rep (1958)" and enclosing dotted-line circle in vicinity
								(2(281)16 Taunton)	37°27'N 25°31'W
								<b>★120</b> 6Ed. 8/20/94	LAST NM 41/17
								Delete	Depth 2 fathoms 4 feet and enclosing dotted-line area in vicinity
								(NTM0005/2017)	14°28'N 81°25'W
								<b>120</b> 6Ed. 8/20/94	LAST NM 44/17
								Add	Depth 29 fathoms enclosed by depth contour (30-fathom) centered
								(Por CH 43101)	37°38'N 31°52'W
								<b>★120</b> 6Ed. 8/20/94	LAST NM 13/19
								Relocate	Superbuoy ODAS from 34°50'N 72°51'W to 34°31'N 72°32'W
								(26/19 CG5)	
								<b>★121</b> 5Ed. 2/12/83	NEW EDITION
								Delete	Depth 142 fathoms (Previously published 8/83)
									15/83
									37°43'N 28°55'W
								Add	Depths 57 fathoms 75 fathoms (Previously published 8/83)
									38°20'N 30°06'W
									37°45'N 29°08'W
								Add	Wreck "(15 fathoms rep)" (Previously published 13/83)
								(DMAHTC)	46°43'18"N 48°50'06"W
								<b>121</b> 5Ed. 2/12/83	LAST NM 15/83
								Add	Depth 8¾ fathoms
								(NVS6862/83)	66°26'N 17°59'W
								<b>121</b> 5Ed. 2/12/83	LAST NM 22/83
								Delete	Legend "Chaucer Bank Rep (ED)"
									43°00'N 29°40'W
								Depths	
								13 fathoms	42°58'N 28°42'W
								18 fathoms	42°48'N 28°42'W
								45 fathoms "Rep"	43°13'N 29°35'W
								70 fathoms "Rep"	43°34'N 29°20'W
								28 fathoms and enclosing depth contour (30-fathom)	43°00'N 29°00'W
								(NVS6940/83)	
								<b>121</b> 5Ed. 2/12/83	LAST NM 24/83
								Add	Depth 20 fathoms "Rep (1982)" (PA)
								(NVS7009/83)	45°53'N 47°40'W
								<b>121</b> 5Ed. 2/12/83	LAST NM 36/83
								Delete	Wreck (See 15/83-121)
									46°43'18"N 48°50'06"W
								Add	Wreck (NVS7042/83)
									46°01.6'N 47°57.4'W

121 5Ed. 2/12/83 LAST NM 40/83 4/84  
 Substitute Depth 54 fathoms Wk for wreck 46°01.6'N 47°54.4'W

Add Depth 15 fathoms Wk 46°43.3'N 48°50.1'W  
 (Supersedes 40/83-121)  
 (40(949)83 Ottawa)

121 5Ed. 2/12/83 LAST NM 4/84 10/84  
 Delete Depth 15 fathoms Wk 46°43.3'N 48°50.1'W  
 (See 4/84-121)  
 (5(140)84 Ottawa)

121 5Ed. 2/12/83 LAST NM 10/84 16/84  
 Add Depth 189 fathoms 36°26'N 33°51'W  
 (10(605)84 Taunton)

121 5Ed. 2/12/83 LAST NM 16/84 20/84  
 Add Depth 281 fathoms 37°31.5'N 29°36.7'W  
 (13(819)84 Taunton)

121 5Ed. 2/12/83 LAST NM 20/84 34/84  
 Delete Depth 8 ¾ fathoms 66°26'N 17°59'W

Add Depths  
 99 fathoms 66°40.0'N 17°44.0'W  
 98 fathoms 66°25.0'N 17°37.5'W  
 56 fathoms 66°19.0'N 19°37.0'W  
 81 fathoms 66°12.5'N 14°23.0'W  
 40 fathoms 66°21.0'N 14°00.0'W  
 62 fathoms 66°36.5'N 14°37.5'W  
 375 fathoms 67°07.5'N 13°15.0'W  
 164 fathoms 67°07.2'N 17°55.7'W  
 114 fathoms 65°59.0'N 12°25.0'W  
 (25(1591)84 Taunton)

121 5Ed. 2/12/83 LAST NM 34/84 38/85  
 Delete Depth 526 fathoms 38°10'N 26°09'W

Add Depths  
 169 fathoms 38°44'N 26°32'W  
 244 fathoms 38°10'N 26°02'W  
 275 fathoms 37°45'N 26°18'W  
 291 fathoms 37°26'N 26°27'W  
 128 fathoms 37°08'N 31°24'W  
 (31(2038)85 Taunton)

121 5Ed. 2/12/83 LAST NM 38/85 44/85  
 Delete Depths  
 15 fathoms "Rep (1950)" 49°51'N 11°35'W  
 49 fathoms 49°41'N 12°02'W  
 6 ½ fathoms 49°33'N 11°40'W  
 12 fathoms "Rep (1947)" 49°32'N 11°20'W  
 8 fathoms 49°21'N 11°23'W  
 7 fathoms "Rep (1951)" 49°10'N 11°30'W  
 (BA CH 2)

121 5Ed. 2/12/83 LAST NM 44/85 50/85  
 Delete Depth 370 fathoms 46°20'N 27°22'W  
 (41(26)85 Brest)

121 5Ed. 2/12/83 LAST NM 50/85 13/86  
 Add Depth 45 fathoms "Rep (1985)" 63°38.5'N 16°58.0'W

Legend  
 "Local Magnetic Anomaly Rep" 59°56.0'N 3°16.0'W  
 (1(35, 2(122)86 Taunton)

121 5Ed. 2/12/83 LAST NM 13/86 37/86  
 Add Depth 86 fathoms 36°50'N 7°28'W  
 (MCNM7802/86)

121 5Ed. 2/12/83 LAST NM 37/86 32/88  
 Add Depth 48 fathoms "Rep (1988)" 53°59'N 13°10'W  
 (MCNM0100/88)

121 5Ed. 2/12/83 LAST NM 32/88 44/88  
 Add Superbuoys ODAS 52°44'N 25°02'W  
 52°06'N 25°50'W  
 52°42'N 26°36'W  
 (36(2680)88 Taunton)

121 5Ed. 2/12/83 LAST NM 44/88 12/89  
 Delete Depth 29 fathoms (PA) 43°03'N 9°35'W  
 (45(1094)88 Cadiz)

121 5Ed. 2/12/83 LAST NM 12/89 28/89  
 Add Depth 159 fathoms "Rep" 55°08'N 34°55'W  
 (20(1536)89 Taunton)

121 5Ed. 2/12/83 LAST NM 28/89 34/89  
 Add Depth 51 fathoms 38°45'N 30°01'W  
 (MCNM7551/85)

121 5Ed. 2/12/83 LAST NM 34/89 35/89  
 Add Depth 37 fathoms 59°33'N 28°10'W  
 (MCNM7551/85)

121 5Ed. 2/12/83 LAST NM 35/89 45/90  
 Delete Depth 37 fathoms 59°33'N 28°10'W  
 (MCNM1021/90)

121 5Ed. 2/12/83 LAST NM 45/90 28/91  
 Add Superbuoys, each ODAS Y, Fl(5) Y 20s  
 "44137" 41°11.6'N 61°07.8'W  
 "44139" 44°19.2'N 57°21.2'W  
 "44140" 42°43.8'N 50°36.4'W  
 "44142" 42°29.6'N 64°12.0'W  
 "44141" 42°04.0'N 56°09.1'W  
 (MCNM1098/91)

121 5Ed. 2/12/83 LAST NM 28/91 48/91  
 Add Superbuoy ODAS "44138" Y, Fl(5) Y 20s 44°13'N 53°36'W  
 (44(834)91 Ottawa)

121 5Ed. 2/12/83 LAST NM 48/91 51/91  
 Delete Depth 71 fathoms 37°30'N 30°22'W  
 (38(27)91 Brest)

121 5Ed. 2/12/83 LAST NM 51/91 3/92  
 Relocate Superbuoy ODAS "44141" 42°04.0'N 50°09.1'W  
 (42°04.0'N 56°09.1'W) to  
 (See 28/91-121)  
 (50(943)91 Ottawa)

121 5Ed. 2/12/83 LAST NM 3/92 5/92  
 Add Superbuoys, each ODAS Y, Fl(5) Y 20s  
 "23" 53°12'N 15°04'W  
 (undesignated) 56°55'N 12°58'W  
 (37(2604, 2608)91 Taunton)

121 5Ed. 2/12/83 LAST NM 5/92 11/92  
 Relocate Superbuoy ODAS "44141" 42°04.0'N 56°09.1'W  
 (42°04.0'N 50°09.1'W) to  
 (See 3/92-121)  
 (6(107)92 Ottawa)

121 5Ed. 2/12/83 LAST NM 11/92 15/92  
 Add Superbuoys, each ODAS Y, Fl(5) Y 20s  
 "25GB" 51°01'N 13°19'W  
 "24GB" 48°42'N 12°23'W  
 (4(224)92 Taunton)

121 5Ed. 2/12/83 LAST NM 15/92 3/94  
 Delete Superbuoy ODAS "44140" 42°43.8'N 50°36.4'W  
 (45(830)93 Ottawa)

121 5Ed. 2/12/83 LAST NM 3/94 4/94  
 Delete Superbuoy ODAS 56°55'N 12°58'W  
 (45(3795)93 Taunton)

121 5Ed. 2/12/83 LAST NM 4/94 28/94  
 Add Superbuoy ODAS Y, Fl(4) Y (Priv) 43°05'N 67°35'W  
 (10(355, 366)94 Ottawa)

121 5Ed. 2/12/83 LAST NM 28/94 33/94  
 Substitute Buoy Y, Fl Y (Priv) for  
 superbuoy ODAS 43°05'N 67°35'W  
 (See 28/94-121)  
 (15/94 CG1)

121	5Ed. 2/12/83 LAST NM 33/94	36/94	
	Add Wreck (PA)	39°54'N 69°46'W	
	(22/94 CG1)		
121	5Ed. 2/12/83 LAST NM 36/94	40/94	
	Delete Superbuoy ODAS "23"	53°12'N 15°04'W	
	(32(2681)94 Taunton)		
121	5Ed. 2/12/83 LAST NM 40/94	48/94	
	Delete Buoy	43°05'N 67°35'W	
	(Cancels 33/94-121)		
	(MCC1348/94)		
121	5Ed. 2/12/83 LAST NM 48/94	4/95	
	Add Superbuoy ODAS "44140" Y,		
	Fl(5) Y 20s	42°42'N 50°30'W	
	(25(784)94 Ottawa)		
121	5Ed. 2/12/83 LAST NM 4/95	15/95	
	Delete Depth		
	10 fathoms	38°13'N 29°06'W	
	11 fathoms	37°50'N 29°17'W	
	75 fathoms	37°45'N 29°08'W	
	(7(24)95 Brest)		
121	5Ed. 2/12/83 LAST NM 15/95	5/96	
	Delete Depth 16 fathoms	47°31'N 49°14'W	
	(Can CH 4049)		
121	5Ed. 2/12/83 LAST NM 5/96	13/96	
	Relocate Superbuoy ODAS "44140"		
	(42°42'N 50°30'W) to	42°51'N 51°34'W	
	(2(128)96 Ottawa)		
121	5Ed. 2/12/83 LAST NM 13/96	17/96	
	Delete Depth 57 fathoms	38°20'N 30°06'W	
	(4(33)96 Brest)		
121	5Ed. 2/12/83 LAST NM 17/96	12/98	
	Substitute Depth 14 fathoms for 19 fathoms	36°43'N 11°10'W	
	(14(142), 15(156)97 Lisboa)		
121	5Ed. 2/12/83 LAST NM 12/98	49/99	
	Substitute Depth 6½ fathoms for 3 fathoms	38°13'N 26°36'W	
	(1(52)98 Lisboa)		
121	5Ed. 2/12/83 LAST NM 49/99	16/00	
	Relocate Superbuoy ODAS "44142" from		
	42°30'N 64°12'W to	42°30'N 64°01'W	
	(6(1126)99 Ottawa)		
121	5Ed. 2/12/83 LAST NM 16/00	38/01	
	Add Superbuoy ODAS [Q58] "44004" Y,		
	Fl(4) Y 20s	38°30'N 70°28'W	
	(NTM0020/2001)		
121	5Ed. 2/12/83 LAST NM 38/01	42/04	
	Delete Depth 48 fathoms "Rep (1988)"	53°59'N 13°10'W	
	(NTM0019/2004)		
121	5Ed. 2/12/83 LAST NM 42/04	10/08	
	Add Depth 116 fathoms enclosed by depth contour		
	(1000-fathom)	44°07'N 22°07'W	
	Depth 57 fathoms enclosed by depth contour		
	(100-fathom)	38°19'N 30°06'W	
	(10(1157, 1158)03 Taunton)		
121	5Ed. 2/12/83 LAST NM 10/08	20/08	
	Add Depth 123 fathoms "Rep (2007)" [I3.2]	36°57'N 49°15'W	
	(7(883)08 Taunton)		
121	5Ed. 2/12/83 LAST NM 20/08	40/08	
	Add Superbuoy ODAS [Q58] "M4" Y, Fl(5) Y 20s	55°00'N 10°00'W	
	Superbuoy ODAS [Q58] "M6" Y, Fl(5) Y 20s	53°04'N 15°56'W	
	(42(4778)06, 24(2717)07 Taunton)		
121	5Ed. 2/12/83 LAST NM 40/08	43/08	
	Relocate Superbuoy ODAS "44139" from		
	44°15'N 57°21'W to	44°14'N 57°06'W	
	(1(4006)05 Ottawa)		
121	5Ed. 2/12/83 LAST NM 43/08	48/08	
	Delete Depth 103 fathoms	63°55'N 24°26'W	
	Depth 98 fathoms "Rep (1968)" and enclosing		
	depth contour (100-fathom) centered	66°52'N 13°42'W	
	(3-4(5)08 Reykjavik)		
121	5Ed. 2/12/83 LAST NM 48/08	31/13	
	Delete Depth 56 fathoms and enclosing dotted-line		
	circle in vicinity	43°37'N 38°40'W	
	Add Depth 40 fathoms "Rep (2013)" enclosed by		
	dotted-line circle centered [I3.2]	43°38'N 38°40'W	
	(28(3099)13 Taunton)		
121	5Ed. 2/12/83 LAST NM 31/13	38/16	
	Delete Depth 442 fathoms	36°25'N 25°11'W	
	Add Depth 314 fathoms	40°22'N 29°43'W	
	Superbuoy ODAS [Q58] "ODAS CSA 81" Y,	36°24'N 8°04'W	
	Fl(5) Y 20s		
	(18(133)13 Brest; 6(228)13, 6(233)14 Lisboa)		
121	5Ed. 2/12/83 LAST NM 38/16	41/16	
	Substitute Depth 15 fathoms for 16 fathoms	38°00'N 29°16'W	
	(6(187)15 Lisboa)		
121	5Ed. 2/12/83 LAST NM 41/16	42/16	
	Add Superbuoy ODAS [Q58] Y, spherical,		
	Fl(5) Y 20s	46°43'N 48°54'W	
	(NTM0008/2016)		
121	5Ed. 2/12/83 LAST NM 42/16	37/17	
	Delete Superbuoys ODAS "24GB"	48°42'N 12°23'W	
	Superbuoys ODAS "25GB"	51°01'N 13°19'W	
	Add Superbuoy ODAS [Q58] "PAP" Y, Fl(5) Y 20s	49°00'N 16°22'W	
	Superbuoy ODAS [Q58] "K1" Y, Fl(5) Y 20s	48°43'N 12°29'W	
	Superbuoy ODAS [Q58] "K2" Y, Fl(5) Y 20s	51°01'N 13°18'W	
	(UKHO ARCS 4102-0)		
121	5Ed. 2/12/83 LAST NM 37/17	38/17	
	Add Superbuoy ODAS [Q58] "K5" Y, Fl(5) Y 20s	59°07'N 11°41'W	
	Superbuoy ODAS [Q58] "K4" Y, Fl(5) Y 20s	55°09'N 12°45'W	
	(UKHO ARCS 4102-0)		
121	5Ed. 2/12/83 LAST NM 38/17	41/17	
	Delete Depth 20 fathoms "Rep (1958)" and enclosing		
	dotted-line circle in vicinity	37°31'N 25°28'W	
	(2(281)16 Taunton)		
★124	10Ed. 6/15/96 NEW EDITION	38/96	
	Add Depth 6 fathoms "Rep (1994)"	34°03'N 76°47'W	
	(Previously published 37/96)		
	(DMA)		
124	10Ed. 6/15/96 LAST NM 38/96	42/96	
	Delete R Bn (AERO)	12°13'N 69°04'W	
	(BA RA)		
124	10Ed. 6/15/96 LAST NM 42/96	23/97	
	Delete R Bn	22°41'N 78°53'W	
	(9(222)96 Habana)		
124	10Ed. 6/15/96 LAST NM 23/97	28/97	
	Delete R Bn	28°29'N 80°32'W	
	(GIMM002/97)		

124 10Ed. 6/15/96 LAST NM 28/97 42/99  
 Add Superbuoy ODAS Y with light flare symbol  
 14°37'N 56°15'W  
 Superbuoy ODAS Y with light flare symbol  
 15°57'N 57°55'W  
 (10/59)99 Brest)

124 10Ed. 6/15/96 LAST NM 42/99 18/03  
 Delete R Bn (AERO) 4°48'N 52°21'W  
 (7/56)00 Brest)

124 10Ed. 6/15/96 LAST NM 18/03 34/03  
 Delete R Bn 32°00'N 80°50'W  
 (26/03 CG7)

124 10Ed. 6/15/96 LAST NM 34/03 39/03  
 Delete Depth 6 fathoms, danger circle and legend  
 "(Rep 1994)" 34°03'N 76°47'W  
 (NOS)

124 10Ed. 6/15/96 LAST NM 39/03 27/04  
 Delete Depth 4 ½ fathoms, enclosing dotted-line circle  
 and legend "Rep (1972)" 17°00'N 83°15'W  
 Add Depth 14 fathoms 16°54'N 83°20'W  
 (NTM0012/2004)

124 10Ed. 6/15/96 LAST NM 27/04 26/05  
 Add Depth 610 fathoms "Rep (2005)" 27°26'N 76°35'W  
 (NTM0024/2005)

124 10Ed. 6/15/96 LAST NM 26/05 28/06  
 Add Depth 208 fathoms 23°07'N 79°16'W  
 (NTM0007/2005)

124 10Ed. 6/15/96 LAST NM 28/06 50/06  
 Add Depth 4 fathoms Obstn [K41] "Rep (2006)" 16°29'N 81°22'W  
 Depth 4 fathoms Obstn [K41] "Rep (2006)" 16°23'N 81°19'W  
 (43(4946)06 Taunton)

124 10Ed. 6/15/96 LAST NM 50/06 8/07  
 Substitute Depth 4 ½ fathoms for 7 fathoms 20°08'N 68°51'W  
 (46(5388)05 Taunton)

124 10Ed. 6/15/96 LAST NM 8/07 20/08  
 Substitute Depth 123 fathoms "Rep (2007)" [I3.2] for  
 2700 fathoms 36°57'N 49°15'W  
 (7(883)08 Taunton)

124 10Ed. 6/15/96 LAST NM 20/08 23/09  
 Add Superbuoy ODAS [Q58] "41049" Y, 27°30'N 63°00'W  
 Fl(4) Y 20s  
 Superbuoy ODAS [Q58] "41044" Y, 21°39'N 58°42'W  
 Fl(4) Y 20s  
 (NTM0025/2009)

124 10Ed. 6/15/96 LAST NM 23/09 29/09  
 Add Superbuoy ODAS [Q58] "42060" Y, 16°30'N 63°30'W  
 Fl(4) Y 20s  
 (NTM0025/2009)

124 10Ed. 6/15/96 LAST NM 29/09 33/09  
 Add Depth 293 fathoms 32°13'N 77°44'W  
 Depth 2169 fathoms 30°11'N 75°51'W  
 (NTM0022/2009)

124 10Ed. 6/15/96 LAST NM 33/09 34/09  
 Add Superbuoy ODAS [Q58] "42036" Y, 28°30'N 84°31'W  
 Fl(4) Y 20s  
 Superbuoy ODAS [Q58] "41016" Y, 24°38'N 76°31'W  
 Fl(4) Y 20s  
 Superbuoy ODAS [Q58] "42080" Y, 24°24'N 81°56'W  
 Fl(4) Y 20s  
 (20/09 CG7)

124 10Ed. 6/15/96 LAST NM 34/09 45/09  
 Delete Superbuoy ODAS "41016" 24°38'N 76°31'W  
 (See 34/09-124)  
 (40/09 CG7)

124 10Ed. 6/15/96 LAST NM 45/09 46/09  
 Add Superbuoy ODAS [Q58] "41002" Y, 32°23'N 75°25'W  
 Fl(4) Y 20s  
 (40/09 CG7)

124 10Ed. 6/15/96 LAST NM 46/09 47/09  
 Add Superbuoy ODAS [Q58] "42058" Y, 15°06'N 75°04'W  
 Fl(4) Y 20s  
 Superbuoy ODAS [Q58] "41040" Y, 14°29'N 53°00'W  
 Fl(4) Y 20s  
 Superbuoy ODAS [Q58] "41041" Y, 14°21'N 46°00'W  
 Fl(4) Y 20s  
 Superbuoy ODAS [Q58] "41043" Y, 21°59'N 65°01'W  
 Fl(4) Y 20s  
 Superbuoy ODAS [Q58] "41046" Y, 24°00'N 71°00'W  
 Fl(4) Y 20s  
 Superbuoy ODAS [Q58] "41047" Y, 27°28'N 71°29'W  
 Fl(4) Y 20s (PA)  
 Superbuoy ODAS [Q58] "41048" Y, 31°59'N 69°39'W  
 Fl(4) Y 20s (PA)  
 Superbuoy ODAS [Q58] "41420" Y, 23°19'N 67°40'W  
 Fl(4) Y 20s  
 Superbuoy ODAS [Q58] "41421" Y, 23°24'N 63°54'W  
 Fl(4) Y 20s  
 Superbuoy ODAS [Q58] "42059" Y, 15°00'N 67°30'W  
 Fl(4) Y 20s  
 Superbuoy ODAS [Q58] "42407" Y, 15°16'N 68°14'W  
 Fl(4) Y 20s  
 (41/09 CG7; NTM0030/2009)

124 10Ed. 6/15/96 LAST NM 47/09 49/09  
 Add Depth 290 fathoms 9°10'N 58°50'W  
 (39(40)09 Brest)

124 10Ed. 6/15/96 LAST NM 49/09 3/10  
 Add Depth 100 fathoms "Rep (2006)" 18°25'N 67°40'W  
 Depth 100 fathoms 18°19'N 67°41'W  
 (NOS)

124 10Ed. 6/15/96 LAST NM 3/10 7/11  
 Add Depth 144 fathoms enclosed by dotted-line  
 circle (ED) 5°20'N 50°33'W  
 (49(5959)10 Taunton)

124 10Ed. 6/15/96 LAST NM 7/11 30/12  
 Relocate Superbuoy ODAS "42060" from 16°30'N 63°30'W to 16°20'N 63°30'W  
 (NTM0007/2012)

124 10Ed. 6/15/96 LAST NM 30/12 30/13  
 Add Superbuoy ODAS [Q58] "41300" Y, Fl(5) Y 5s 15°51'N 57°28'W  
 (21(2260)13 Taunton)

124 10Ed. 6/15/96 LAST NM 30/13 17/14  
 Relocate Superbuoy ODAS "41044" from 21°39'N 58°42'W to 21°34'N 58°37'W  
 (NTM0003/2013)

124 10Ed. 6/15/96 LAST NM 17/14 42/14  
 Delete Depth 200 fathoms "Rep (1978)" (PA) and 19°29'N 64°52'W  
 enclosing dashed-line circle in vicinity  
 (NTM0012/2014)

★124 10Ed. 6/15/96 LAST NM 42/14 32/16  
 Add Depth 399 fathoms 30°08'N 42°07'W  
 (NTM0003/2016)

★124 10Ed. 6/15/96 LAST NM 32/16 43/17  
 Delete Depth 144 fathoms (ED) 16°59'N 79°31'W  
 Add Depth 349 fathoms 17°49'N 79°20'W  
 (NTM0005/2017)

★124	10Ed. 6/15/96	LAST NM 43/17	44/17		
	Delete	Depth 2¾ fathoms and enclosing dotted-line area in vicinity	14°25'N 81°23'W		
		(NTM0005/2017)			
★125	7Ed. 4/12/86	NEW EDITION (DMAHTC)	25/86		
125	7Ed. 4/12/86	LAST NM 25/86	27/86		
	Add	Depth 117 fathoms "Rep (1986)"	9°15.5'N 21°19.9'W		
		(17(1277)86 Taunton)			
125	7Ed. 4/12/86	LAST NM 27/86	37/86		
	Add	Depth 86 fathoms	36°50'N 7°28'W		
		(MCNM7802/86)			
125	7Ed. 4/12/86	LAST NM 37/86	5/87		
	Add	Depth 7 fathoms "Rep (1986)"	21°06'N 17°33'W		
		(MCNM7883/87)			
125	7Ed. 4/12/86	LAST NM 5/87	14/87		
	Delete	Depth 9 fathoms "Rep (1951)" (PD)	20°31'N 19°12'W		
		(MCNM7928/87)			
125	7Ed. 4/12/86	LAST NM 14/87	25/87		
	Substitute	Depth 135 fathoms "Rep" for 139 fathoms "Rep (1977)"	25°22'N 19°28'W		
	Add	Depth 89 fathoms "Rep"	25°20'N 19°20'W		
		(16(32)87 Brest)			
125	7Ed. 4/12/86	LAST NM 25/87	9/88		
	Delete	Depth 5 fathoms "Rep (1952)" (ED)	3°57'N 6°34'E		
		(MCNM8058/88)			
125	7Ed. 4/12/86	LAST NM 9/88	11/88		
	Relocate	R Bn close SW to	9°31.0'N 13°41.0'W		
		(1(59)88 Taunton)			
125	7Ed. 4/12/86	LAST NM 11/88	51/88		
	Delete	R Bn (AERO)	3°43'N 8°47'E		
		(BA RA)			
125	7Ed. 4/12/86	LAST NM 51/88	19/89		
	Delete	Depth 290 fathoms	28°01'N 17°00'W		
		(MCNM8142/88)			
125	7Ed. 4/12/86	LAST NM 19/89	23/89		
	Delete	Depths			
		9 fathoms	34°04'N 8°00'W		
		10 fathoms "Rep (1960)"	33°53'N 8°20'W		
		14 fathoms	33°55'N 7°53'W		
		18 fathoms	33°48'N 7°49'W		
		(MCNM1058/89)			
125	7Ed. 4/12/86	LAST NM 23/89	34/89		
	Delete	R Bn	28°00'N 15°25'W		
		(BA RA)			
125	7Ed. 4/12/86	LAST NM 34/89	51/89		
	Delete	Depths			
		12 fathoms "Rep (1887)"	31°12'N 13°41'W		
		47 fathoms	31°05'N 13°39'W		
		70 fathoms	31°05'N 13°24'W		
		80 fathoms "Rep (1960)"	30°37'N 13°06'W		
		4 fathoms "Rep (1972)"	29°55'N 12°40'W		
		88 fathoms	29°54'N 12°50'W		
		24 fathoms (ED)	29°58'N 13°03'W		
	Substitute	Depths 85 fathoms for 135 fathoms	29°59'N 12°42'W		
	Add	Depths			
		125 fathoms	31°39'N 13°07'W		
		42 fathoms	31°10'N 13°37'W		
		(RS004188, 004196/74)			
125	7Ed. 4/12/86	LAST NM 51/89	8/90		
	Delete	R Bn	4°23'N 7°43'W		
		(44(3315)89 Taunton)			
125	7Ed. 4/12/86	LAST NM 8/90	26/90		
	Delete	R Bns	5°42'N 0°22'W		
		(MCNM1027/90)	4°57'N 1°44'W		
125	7Ed. 4/12/86	LAST NM 26/90	51/90		
	Delete	Depth 10 fathoms	5°29'N 0°36'E		
		(34(2403)90 Taunton)			
125	7Ed. 4/12/86	LAST NM 51/90	51/91		
	Delete	Depth 71 fathoms	37°25'N 30°26'W		
		(38(27)91 Brest)			
125	7Ed. 4/12/86	LAST NM 51/91	26/92		
	Delete	Depths			
		15 fathoms "Rep (1967)"	11°56'N 17°23'W		
		90 fathoms "Rep (1968)"	12°02'N 17°28'W		
		(16(43)92 Brest)			
125	7Ed. 4/12/86	LAST NM 26/92	44/92		
	Delete	R Bns	34°17'N 6°38'W		
			34°00'N 6°39'W		
			28°38'N 17°47'W		
		(BA RA)			
125	7Ed. 4/12/86	LAST NM 44/92	36/93		
	Delete	R Bn	0°22'N 6°42'E		
		(BA RA)			
125	7Ed. 4/12/86	LAST NM 36/93	10/94		
	Delete	Depth 67 fathoms (PD)	25°52'N 16°06'W		
		R Bn	21°00'N 17°04'W		
		(4(319)94 Taunton; BA RA)			
125	7Ed. 4/12/86	LAST NM 10/94	29/95		
	Add	Depth 321 fathoms	6°21'N 32°58'W		
		(14(56)95 Brest)			
125	7Ed. 4/12/86	LAST NM 29/95	29/96		
	Substitute	Depth			
		128 fathoms for 725 fathoms	6°19'N 22°37'W		
		416 fathoms for 875 fathoms	6°10'N 24°52'W		
	Add	Depth 432 fathoms	6°00'N 24°57'W		
		(23(1907)96 Taunton)			
125	7Ed. 4/12/86	LAST NM 29/96	12/98		
	Add	Depth 14 fathoms	36°43'N 11°10'W		
		(14(142), 15(156)97 Lisboa)			
★125	7Ed. 4/12/86	LAST NM 12/98	18/00		
	Substitute	Depth 64 fathoms "Rep (2000)" for 270 fathoms	34°31'N 30°36'W		
		(NTM0001/2000)			
125	7Ed. 4/12/86	LAST NM 18/00	34/01		
	Delete	R Bn	37°05'N 8°58'W		
		Note: R Bn close SE remains			
		(4(145)01 Lisboa; Por LL)			
125	7Ed. 4/12/86	LAST NM 34/01	44/01		
	Delete	R Bn	36°58'N 7°52'W		
		R Bn	37°11'N 7°25'W		
		(4(134)01 Lisboa)			
125	7Ed. 4/12/86	LAST NM 44/01	21/03		
	Delete	R Bn	36°12'N 6°02'W		
		(6(102)03 Cadiz)			
125	7Ed. 4/12/86	LAST NM 21/03	46/04		
	Delete	R Bn	36°00'N 5°36'W		
		(Spn LL)			
125	7Ed. 4/12/86	LAST NM 46/04	8/06		
	Delete	R Bn	33°02'N 16°22'W		
		R Bn	32°41'N 16°48'W		

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125 (Continued) 8/06  
 R Bn 28°10'N 15°27'W  
 R Bn 28°14'N 13°57'W  
 R Bn 28°59'N 13°35'W  
 R Bn 33°35'N 7°40'W  
 R Bn 33°37'N 7°34'W  
 (28(294)05 Cadiz)

125 7Ed. 4/12/86 LAST NM 8/06 20/06  
 Delete R Bn 35°47'N 5°56'W  
 (40(400)05 Cadiz)

125 7Ed. 4/12/86 LAST NM 20/06 13/14  
 Delete Depth 64 fathoms "Rep (2000)" 34°31'N 30°36'W  
 (Por CH 11101)

125 7Ed. 4/12/86 LAST NM 13/14 38/16  
 Delete Depth 442 fathoms 36°25'N 25°11'W  
 Add Superbuoy ODAS [Q58] "ODAS CSA 81" Y, 36°24'N 8°04'W  
 Fl(5) Y 20s  
 (18(133)13 Brest; 6(228)13, 6(233)14 Lisboa)

125 7Ed. 4/12/86 LAST NM 38/16 41/17  
 Delete Depth 20 fathoms "Rep (1958)" and enclosing 37°27'N 25°35'W  
 dotted-line circle in vicinity  
 (2(281)16 Taunton)

★126 39Ed. 4/13/96 NEW EDITION 29/96  
 Delete Depth 57 fathoms 38°20'N 30°06'W  
 (Previously published 17/96)  
 (DMA)

126 39Ed. 4/13/96 LAST NM 29/96 12/98  
 Add Depth 14 fathoms 36°43'N 11°10'W  
 (14(142), 15(156)97 Lisboa)

126 39Ed. 4/13/96 LAST NM 12/98 5/99  
 Delete R Bn 50°00.0'N 6°19.0'W  
 55°40.0'N 6°30.0'W  
 58°31.0'N 6°15.0'W  
 59°54.0'N 1°17.0'W  
 51°26.0'N 9°49.0'W  
 51°36.0'N 8°32.0'W  
 55°16.0'N 8°14.0'W  
 54°17.0'N 10°05.0'W  
 52°34.0'N 9°56.0'W  
 (30/98 Trinity House; BA RA)

126 39Ed. 4/13/96 LAST NM 5/99 49/99  
 Substitute Depth 6½ fathoms for 3¾ fathoms 38°13'N 26°36'W  
 (1(52)98 Lisboa)

126 39Ed. 4/13/96 LAST NM 49/99 10/00  
 Delete R Bn at light 38°50'N 9°28'W  
 (21(298)99 Lisboa)

126 39Ed. 4/13/96 LAST NM 10/00 18/00  
 Substitute Depth 64 fathoms "Rep (2000)" for 270 fathoms 34°31'N 30°36'W  
 (NTM0001/2000)

126 39Ed. 4/13/96 LAST NM 18/00 48/00  
 Delete R Bn 48°28'N 5°08'W  
 R Bn 46°43'N 2°24'W  
 R Bn 45°42'N 1°14'W  
 R Bn 44°39'N 1°15'W  
 (3(13)00 Brest)

126 39Ed. 4/13/96 LAST NM 48/00 34/01  
 Delete R Bn 37°04'N 8°57'W  
 (4(145)01 Lisboa; Por LL)

126 39Ed. 4/13/96 LAST NM 34/01 44/01  
 Delete R Bn 41°12'N 8°37'W  
 R Bn 40°40'N 8°44'W  
 R Bn 40°14'N 8°53'W  
 R Bn 39°23'N 9°30'W  
 (4(134)01 Lisboa)

126 39Ed. 4/13/96 LAST NM 44/01 21/03  
 Delete R Bn 36°12'N 6°02'W  
 (6(102)03 Cadiz)

126 39Ed. 4/13/96 LAST NM 21/03 42/04  
 Delete Depth 48 fathoms "Rep (1988)" 54°00'N 13°10'W  
 (NTM0019/2004)

126 39Ed. 4/13/96 LAST NM 42/04 46/04  
 Delete R Bn 36°00'N 5°36'W  
 (Spn LL)

126 39Ed. 4/13/96 LAST NM 46/04 49/04  
 Delete R Bn 43°47'N 7°41'W  
 R Bn 43°10'N 9°13'W  
 R Bn 42°53'N 9°16'W  
 R Bn 42°06'N 8°53'W  
 (1(102)04 Lisboa; Spn LL)

126 39Ed. 4/13/96 LAST NM 49/04 8/06  
 Delete R Bn 33°37'N 7°34'W  
 (28(294)05 Cadiz)

126 39Ed. 4/13/96 LAST NM 8/06 20/06  
 Delete R Bn 43°25'N 2°45'W  
 R Bn 35°47'N 5°56'W  
 (40(400)05 Cadiz; Spn LL)

126 39Ed. 4/13/96 LAST NM 20/06 10/08  
 Add Depth 116 fathoms enclosed by depth contour 44°07'N 22°07'W  
 (1000-fathom)  
 Depth 57 fathoms enclosed by depth contour 38°19'N 30°06'W  
 (100-fathom)  
 (10(1157, 1158)03 Taunton)

126 39Ed. 4/13/96 LAST NM 10/08 40/08  
 Add Superbuoy ODAS [Q58] "M4" Y, Fl(5) Y 20s 55°00'N 10°00'W  
 Superbuoy ODAS [Q58] "M6" Y, Fl(5) Y 20s 53°04'N 15°56'W  
 (42(4778)06, 24(2717)07 Taunton)

126 39Ed. 4/13/96 LAST NM 40/08 31/13  
 Delete Depth 56 fathoms and enclosing dotted-line 43°35'N 38°41'W  
 circle in vicinity  
 Add Depth 40 fathoms "Rep (2013)" enclosed by 43°38'N 38°40'W  
 dotted-line circle centered [I3.2]  
 (28(3099)13 Taunton)

126 39Ed. 4/13/96 LAST NM 31/13 13/14  
 Delete Depth 64 fathoms "Rep (2000)" 34°31'N 30°36'W  
 (Por CH 11101)

126 39Ed. 4/13/96 LAST NM 13/14 35/16  
 Add Depth 175 fathoms 40°27'N 29°22'W  
 Depth 270 fathoms 38°51'N 27°55'W  
 (NTM0003/2016)

126 39Ed. 4/13/96 LAST NM 35/16 38/16  
 Delete Depth 442 fathoms 36°25'N 25°11'W  
 Add Depth 314 fathoms 40°22'N 29°43'W  
 Superbuoy ODAS [Q58] "ODAS CSA 81" Y, 36°24'N 8°04'W  
 Fl(5) Y 20s  
 (18(133)13 Brest; 6(228)13, 6(233)14 Lisboa)

126 39Ed. 4/13/96 LAST NM 38/16 41/16  
 Substitute Depth 15 fathoms for 24 fathoms 38°00'N 29°16'W  
 (6(187)15 Lisboa)

126 39Ed. 4/13/96 LAST NM 41/16 37/17  
 Delete Superbuoy ODAS "24GB" 48°42'N 12°23'W  
 Change Designation of superbuoy ODAS "25 GB" to 51°00'N 13°18'W  
 "K2"

(continued on next page)

<b>126</b>	(Continued)		37/17				
Add	Superbuoy ODAS [Q58] "PAP" Y, Fl(5) Y 20s	49°00'N 16°22'W					
	Danger circle [K1] "Subm buoys"	49°00'N 16°28'W					
	Superbuoy ODAS [Q58] "K1" Y, Fl(5) Y 20s	48°43'N 12°29'W					
	(UKHO ARCS 4102-0)						
<b>126</b>	39Ed. 4/13/96 LAST NM 37/17		38/17				
Add	Superbuoy ODAS [Q58] "K5" Y, Fl(5) Y 20s	59°07'N 11°41'W					
	Superbuoy ODAS [Q58] "K4" Y, Fl(5) Y 20s	55°09'N 12°45'W					
	(UKHO ARCS 4102-0)						
<b>126</b>	39Ed. 4/13/96 LAST NM 38/17		41/17				
Delete	Depth 20 fathoms "Rep (1958)" and enclosing dotted-line circle in vicinity	37°31'N 25°33'W					
	Depth 66 fathoms and enclosing dotted-line circle in vicinity	38°40'N 26°56'W					
	(2(281)16 Taunton)						
<b>126</b>	39Ed. 4/13/96 LAST NM 41/17		13/19				
Add	Depth 29 fathoms enclosed by depth contour (30-fathom) centered	37°38'N 31°52'W					
	(Por CH 43101)						
<b>★145</b>	16Ed. 4/6/85 NEW EDITION		26/85				
Add	Depth 14 fathoms enclosed by depth contour (100-fathom) "Rep (1985)" (PA)	17°27'N 76°20'W					
	(Previously published 25/85)						
Delete	Legend "CONTINUED ON 620"	5°07.5'N 92°25.0'W					
	Depth 40 fathoms "Rep (1961)" and relocate depth contour close NE to enclose 33 fathoms	16°30'N 62°04'W					
Add	R Bn (DMAHTC; HNNM7469/85; US RA)	11°48'N 66°07'W					
<b>145</b>	16Ed. 4/6/85 LAST NM 26/85		31/85				
Add	Depth 8½ fathoms (ED)	15°20'N 80°15'W					
	(HNNM7507/85)						
<b>145</b>	16Ed. 4/6/85 LAST NM 31/85		38/85				
Add	Depth 255 fathoms (PA)	22°44'N 107°34'W					
	(HNNM7565/85)						
<b>145</b>	16Ed. 4/6/85 LAST NM 38/85		40/85				
Substitute	Superbuoy (LANBY), R Bn for lightship and relocate to	40°30'N 69°26'W					
	(35/85 CG1)						
<b>145</b>	16Ed. 4/6/85 LAST NM 40/85		42/85				
Delete	R Bn	18°28.0'N 66°07.0'W					
	(37/85 CG7)						
<b>145</b>	16Ed. 4/6/85 LAST NM 42/85		46/85				
Delete	Depth 33 fathoms and enclosing depth contour	16°34'N 61°54'W					
	(HNNM7601/85)						
<b>145</b>	16Ed. 4/6/85 LAST NM 46/85		14/86				
Add	Depth 16 fathoms "Rep (1985)" enclosed by danger circle	15°59'N 81°01'W					
	Depth 83 fathoms "Rep (1985)"	15°41'N 61°29'W					
	(1(99), 2(177)86 Taunton)						
<b>145</b>	16Ed. 4/6/85 LAST NM 14/86		9/88				
Add	Rock awash	22°00'N 76°09'W					
	(MCNM8057/88)						
<b>145</b>	16Ed. 4/6/85 LAST NM 9/88		27/88				
Add	Depth 250 fathoms "Rep (1987)" (PA)	29°37'N 116°52'W					
	(MCNM8109/88)						
<b>145</b>	16Ed. 4/6/85 LAST NM 27/88		32/88				
Substitute	Depth 207 fathoms for 234 fathoms (MCNM8123/88)	20°50'N 74°01'W					
<b>145</b>	16Ed. 4/6/85 LAST NM 32/88		36/88				
Add	Depth 8 fathoms enclosed by danger circle "Rep (1988)"	23°37'N 87°19'W					
	(26(57)88 Hamburg)						
<b>145</b>	16Ed. 4/6/85 LAST NM 36/88		39/88				
Add	Depth 334 fathoms	16°03'N 108°39'W					
	(MCNM8144/88)						
<b>145</b>	16Ed. 4/6/85 LAST NM 39/88		43/88				
Substitute	Depth 13 fathoms for 20 fathoms "Rep (1945)"	17°08'N 75°26'W					
	(MCNM8078/88)						
<b>145</b>	16Ed. 4/6/85 LAST NM 43/88		48/88				
Delete	Depths						
	4 fathoms "Rep (1956)"	18°27'N 84°54'W					
	13 fathoms	18°32'N 83°25'W					
	27 fathoms	16°58'N 82°15'W					
	(MCNM8169/88)						
<b>145</b>	16Ed. 4/6/85 LAST NM 48/88		50/88				
Delete	Depth 20 fathoms	16°45'N 61°41'W					
Substitute	Depth 10 fathoms for 8 fathoms	20°25'N 80°28'W					
	(MCNM8169/88)						
<b>145</b>	16Ed. 4/6/85 LAST NM 50/88		5/89				
Delete	Depth 20 fathoms	14°35'N 81°50'W					
Add	Depths						
	7 fathoms "Rep (1988)"	11°51'N 83°09'W					
	13 fathoms "Rep (1988)"	14°36'N 81°51'W					
	(30(57)88 Hamburg; 41(3080)88 Taunton)						
<b>145</b>	16Ed. 4/6/85 LAST NM 5/89		29/89				
Add	Depth 387 fathoms "Rep"	7°34'N 84°50'W					
	(MCNM1075/89)						
<b>145</b>	16Ed. 4/6/85 LAST NM 29/89		38/89				
Substitute	Depth 8¾ fathoms enclosed by danger circle for 882 fathoms	21°50'N 76°19'W					
	(MCNM1102/89)						
<b>145</b>	16Ed. 4/6/85 LAST NM 38/89		23/90				
Delete	Depth 280 fathoms	17°54'N 75°06'W					
Add	Depths						
	170 fathoms	17°51'N 75°07'W					
	92 fathoms	11°54'N 63°53'W					
	(25(58)89 Brest)						
<b>145</b>	16Ed. 4/6/85 LAST NM 23/90		39/90				
Add	Depth 9 fathoms "Rep (1989)" enclosed by depth contour (10-fathom)	14°37'N 93°57'W					
	(30(2165)90 Taunton)						
<b>145</b>	16Ed. 4/6/85 LAST NM 39/90		51/90				
Delete	Depth 12 fathoms	18°32'N 68°00'W					
	(MCNM1058/90)						
<b>145</b>	16Ed. 4/6/85 LAST NM 51/90		28/91				
Add	Superbuoys, each ODAS Y, Fl(5) Y 20s						
	"44137"	41°11.6'N 61°07.8'W					
	"44142"	42°29.6'N 64°12.0'W					
	(MCNM1098/91)						
<b>145</b>	16Ed. 4/6/85 LAST NM 28/91		22/92				
Delete	R Bns	35°09'N 75°18'W					
	(17/92 CG5; USCG LL)	33°29'N 77°35'W					
<b>145</b>	16Ed. 4/6/85 LAST NM 22/92		1/93				
Add	R Bn	22°01'N 80°25'W					
	(BA RA)						

145 16Ed. 4/6/85 LAST NM 1/93 15/93  
Delete R Bn 48°23.5'N 124°44.2'W  
(10/93 CG13)

145 16Ed. 4/6/85 LAST NM 15/93 24/93  
Add Depth 111 fathoms 13°46'N 81°18'W  
456 fathoms 13°28'N 81°00'W  
(Col CH 004)

145 16Ed. 4/6/85 LAST NM 24/93 33/93  
Delete R Bn 34°35'N 120°37'W  
(29/93 CG11)

145 16Ed. 4/6/85 LAST NM 33/93 34/93  
Add Depth 9 fathoms "Rep (1986)" (PA) 27°23'N 114°44'W  
(MCC1269/93)

145 16Ed. 4/6/85 LAST NM 34/93 49/93  
Delete R Bn 32°15'N 64°50'W  
(40(3377)93 Taunton)

145 16Ed. 4/6/85 LAST NM 49/93 50/93  
Delete R Bn 42°02'N 70°07'W  
(44/93 CG1)

145 16Ed. 4/6/85 LAST NM 50/93 51/93  
Add Depth 16 fathoms enclosed by  
depth contour (20-fathom) 17°47'N 75°52'W  
(33(533)93 Hamburg)

145 16Ed. 4/6/85 LAST NM 51/93 18/94  
Delete R Bn 37°42'N 123°00'W  
(12/94 CG11)

145 16Ed. 4/6/85 LAST NM 18/94 45/94  
Delete R Bn 42°50'N 124°34'W  
(38/94 CG13)

145 16Ed. 4/6/85 LAST NM 45/94 47/94  
Add Superbuoy ODAS "41018" Y,  
Fl(4) Y 20s 15°00'N 75°00'W  
(35/94 CG7)

145 16Ed. 4/6/85 LAST NM 47/94 53/94  
Delete R Bn 40°40'N 73°15'W  
(23/94 CG1)

145 16Ed. 4/6/85 LAST NM 53/94 26/95  
Delete R Bn 32°40'N 117°15'W  
(20/95 CG11)

145 16Ed. 4/6/85 LAST NM 26/95 12/96  
Delete R Bn 22°01'N 80°25'W  
(5(103)95 Habana)

145 16Ed. 4/6/85 LAST NM 12/96 13/96  
Delete Superbuoy ODAS "41018" 15°00'N 75°00'W  
(8/96 CG7)

145 16Ed. 4/6/85 LAST NM 13/96 14/96  
Delete R Bn 36°55'N 76°00'W  
38°47'N 75°08'W  
(8/96 CG5)

145 16Ed. 4/6/85 LAST NM 14/96 37/96  
Substitute Depth 6 fathoms "Rep (1994)" for  
18 fathoms 34°03'N 76°47'W  
(SMEA039/96)

145 16Ed. 4/6/85 LAST NM 37/96 42/96  
Delete R Bn 12°13'N 69°00'W  
46°02'N 59°45'W  
(8(430)96 Ottawa; BA RA)

145 16Ed. 4/6/85 LAST NM 42/96 28/97  
Delete R Bn 28°30'N 80°31'W  
(GIMM002/97)

145 16Ed. 4/6/85 LAST NM 28/97 37/97  
Delete Superbuoy LANBY 40°30'N 69°26'W  
(31/97 CG1)

145 16Ed. 4/6/85 LAST NM 37/97 11/00  
Delete R Bn 43°58'N 60°08'W  
(6(1137)99 Ottawa)

145 16Ed. 4/6/85 LAST NM 11/00 16/00  
Relocate Superbuoy ODAS "44142" from 42°30'N 64°12'W to 42°30'N 64°01'W  
(6(1126)99 Ottawa)

145 16Ed. 4/6/85 LAST NM 16/00 23/00  
Substitute Depth 300 fathoms for 320 fathoms 30°30'N 122°44'W  
(NTM0013/2000)

145 16Ed. 4/6/85 LAST NM 23/00 38/01  
Add Superbuoy ODAS [Q58] "41002" Y,  
Fl(4) Y 20s 32°16'N 75°26'W  
Superbuoy ODAS [Q58] "44004" Y,  
Fl(4) Y 20s 38°30'N 70°28'W  
(29/01 CG7; NTM0020/2001)

145 16Ed. 4/6/85 LAST NM 38/01 39/03  
Delete Depth 6 fathoms, danger circle and legend  
"(Rep 1994)" 34°03'N 76°47'W  
(NOS)

145 16Ed. 4/6/85 LAST NM 39/03 27/04  
Delete Depth 4 1/2 fathoms, enclosing dotted-line circle  
and legend "Rep (1972)" 16°58'N 83°18'W

Add Depth 14 fathoms enclosed by depth contour  
(20-fathom) 16°54'N 83°20'W  
(NTM0012/2004)

145 16Ed. 4/6/85 LAST NM 27/04 26/05  
Add Depth 610 fathoms "Rep (2005)" 27°26'N 76°35'W  
(NTM0024/2005)

145 16Ed. 4/6/85 LAST NM 26/05 48/05  
Add Depth 9 1/2 fathoms "Rep (2005)" 21°55'N 91°49'W  
(NTM0004/2005)

145 16Ed. 4/6/85 LAST NM 48/05 18/06  
Add Depth 34 fathoms 32°39'N 117°58'W  
Depth 49 fathoms 32°05'N 118°10'W  
(NTM0023/2006)

145 16Ed. 4/6/85 LAST NM 18/06 28/06  
Add Depth 208 fathoms 23°07'N 79°16'W  
(NTM0007/2005)

145 16Ed. 4/6/85 LAST NM 28/06 30/06  
Add Depth 288 fathoms "Rep (2005)" 31°22'N 118°37'W  
(NTM0019/2005)

145 16Ed. 4/6/85 LAST NM 30/06 50/06  
Delete Depth 15 fathoms 16°24'N 81°20'W

Add Depth 4 fathoms Obstr [K41] "Rep (2006)" 16°26'N 81°20'W  
(43(4946)06 Taunton)

145 16Ed. 4/6/85 LAST NM 50/06 1/07  
Add Legend "Tide Rips" and symbol [H44] 11°08'N 93°00'W

Legend "Seamounts, lesser depths to 174fms  
rep" 12°25'N 91°45'W  
(US CH 21026; NTM0042/2006)



<b>145</b>	16Ed. 4/6/85 LAST NM 1/07 Delete Depth 140 fathoms "(rep 1957)"	4/07 5°30'N 88°33'W		<b>145</b>	16Ed. 4/6/85 LAST NM 41/09 Delete Superbuoy ODAS "41016" (See 34/09-145) (40/09 CG7)	45/09 24°38'N 76°31'W	
	Add Depth 212 fathoms and enclosing depth contour (1000-fathom)	25°37'N 119°29'W					
	Add Depth 123 fathoms Depth 213 fathoms Depth 393 fathoms (NTM0042/2006)	5°29'N 88°34'W 25°20'N 119°31'W 25°42'N 119°38'W		<b>145</b>	16Ed. 4/6/85 LAST NM 45/09 Relocate Superbuoy ODAS "41002" from 32°16'N 75°26'W to (40/09 CG7)	46/09 32°23'N 75°25'W	
<b>145</b>	16Ed. 4/6/85 LAST NM 4/07 Add Superbuoy ODAS [Q58] "46419" Y, Fl(4) Y 20s (34/06 CG13)	8/07 48°29'N 129°22'W		<b>145</b>	16Ed. 4/6/85 LAST NM 46/09 Add Depth 290 fathoms  Superbuoy ODAS [Q58] "41043" Y, Fl(4) Y 20s Superbuoy ODAS [Q58] "41046" Y, Fl(4) Y 20s Superbuoy ODAS [Q58] "41047" Y, Fl(4) Y 20s (PA) Superbuoy ODAS [Q58] "41048" Y, Fl(4) Y 20s (PA) Superbuoy ODAS [Q58] "41420" Y, Fl(4) Y 20s Superbuoy ODAS [Q58] "41421" Y, Fl(4) Y 20s Superbuoy ODAS [Q58] "42059" Y, Fl(4) Y 20s Superbuoy ODAS [Q58] "42407" Y, Fl(4) Y 20s (41/09 CG7; 39(40)09 Brest)	49/09 9°10'N 58°50'W  21°59'N 65°01'W 24°00'N 71°00'W 27°28'N 71°29'W 31°59'N 69°39'W 23°19'N 67°40'W 23°24'N 63°54'W 15°00'N 67°30'W 15°16'N 68°14'W	
<b>145</b>	16Ed. 4/6/85 LAST NM 8/07 Add Superbuoy ODAS [Q58] "46411" Y, Fl(4) Y 20s Superbuoy ODAS [Q58] "46412" Y, Fl(4) Y 20s (12/07 CG11)	19/07 39°20'N 127°00'W 32°15'N 120°42'W		<b>145</b>	16Ed. 4/6/85 LAST NM 49/09 Add Superbuoy ODAS [Q58] "46041" Y, Fl(4) Y 20s (PA) (50/09 CG13)	3/10 47°21'N 124°44'W	
<b>145</b>	16Ed. 4/6/85 LAST NM 19/07 Add Superbuoy ODAS [Q58] "46013" Y, Fl(4) Y 20s Superbuoy ODAS [Q58] "46015" Y, Fl(4) Y 20s (26/07 CG11; 23/07 CG13)	34/07 38°14'N 123°19'W 42°45'N 124°50'W		<b>145</b>	16Ed. 4/6/85 LAST NM 3/10 Add Superbuoy ODAS [Q58] "46086" Y, Fl(4) Y 20s (PA) Superbuoy ODAS [Q58] "46047" Y, Fl(4) Y 20s (PA) Superbuoy ODAS [Q58] "46069" Y, Fl(4) Y 20s (PA) (36/09 CG11)	4/10 32°30'N 118°02'W 32°25'N 119°32'W 33°40'N 120°12'W	
<b>145</b>	16Ed. 4/6/85 LAST NM 34/07 Add Superbuoy ODAS [Q58] "46053" Y, Fl(4) Y 20s (9/07 CG11)	36/07 34°14'N 119°51'W		<b>145</b>	16Ed. 4/6/85 LAST NM 4/10 Add Depth 100 fathoms "Rep (2006)" Depth 100 fathoms (NOS)	5/10 18°25'N 67°40'W 18°19'N 67°41'W	
<b>145</b>	16Ed. 4/6/85 LAST NM 36/07 Substitute Depth 130 fathoms for 123 fathoms (See 4/07-145) (NTM0026/2007)	45/07 5°29'N 88°34'W		<b>145</b>	16Ed. 4/6/85 LAST NM 5/10 Delete Superbuoy ODAS "46412"  Add Superbuoy DART [Q58] "46412" Y, Fl(4) Y 20s (49/09 CG11)	7/10 32°15'N 120°42'W  32°27'N 120°34'W	
<b>145</b>	16Ed. 4/6/85 LAST NM 36/07 Substitute Depth 286 fathoms for 774 fathoms  Add Depth 371 fathoms (NTM0026/2007)	47/07 6°29'N 81°53'W 8°19'N 85°01'W		<b>145</b>	16Ed. 4/6/85 LAST NM 7/10 Add Superbuoy ODAS [Q58] "46059" Y, Fl(4) Y 20s Superbuoy ODAS [Q58] "46028" Y, Fl(4) Y 20s Superbuoy ODAS [Q58] "46054" Y, Fl(4) Y 20s (7/10 CG11)	12/10 37°59'N 130°00'W 35°44'N 121°53'W 34°16'N 120°28'W	
<b>145</b>	16Ed. 4/6/85 LAST NM 47/07 Add Depth 73 fathoms (NTM0004/2007)	34/08 10°33'N 109°35'W		<b>145</b>	16Ed. 4/6/85 LAST NM 12/10 Add Depth 4 fathoms "Rep (2010)" (NTM0002/2010)	13/10 6°07'N 82°07'W	
<b>145</b>	16Ed. 4/6/85 LAST NM 34/08 Delete Radiobeacon (11(4000)08 Ottawa)	8/09 43°22'N 66°01'W		<b>145</b>	16Ed. 4/6/85 LAST NM 13/10 Add Depth 468 fathoms enclosed by depth contour (1000-fathom) (NTM0011/2010)	21/10 14°32'N 98°59'W	
<b>145</b>	16Ed. 4/6/85 LAST NM 8/09 Delete Superbuoy ODAS "46419"  Add Superbuoy ODAS [Q58] "46419" RW, Fl(4) Y 20s (NOS)	23/09 48°29'N 129°22'W 48°48'N 129°36'W		<b>145</b>	16Ed. 4/6/85 LAST NM 21/10 Add Superbuoy DART [Q58] "46404" Y, Fl Y 4s Superbuoy DART [Q58] "46407" Y, Fl Y 4s (20/10 CG13)	26/10 45°51'N 128°46'W 42°36'N 128°54'W	
<b>145</b>	16Ed. 4/6/85 LAST NM 23/09 Add Superbuoy ODAS [Q58] "42060" Y, Fl(4) Y 20s (NTM0025/2009)	29/09 16°30'N 63°30'W					
<b>145</b>	16Ed. 4/6/85 LAST NM 29/09 Add Superbuoy ODAS [Q58] "42036" Y, Fl(4) Y 20s Superbuoy ODAS [Q58] "41016" Y, Fl(4) Y 20s Superbuoy ODAS [Q58] "42080" Y, Fl(4) Y 20s (20/09 CG7)	34/09 28°30'N 84°31'W 24°38'N 76°31'W 24°24'N 81°56'W					
<b>145</b>	16Ed. 4/6/85 LAST NM 34/09 Add Depth 92 fathoms (NTM0011/2009)	41/09 5°05'N 87°39'W					

**145** 16Ed. 4/6/85 LAST NM 26/10 38/11  
 Add Depth 411 fathoms 31°13'N 118°03'W  
 (UKHO CH 1029)

**145** 16Ed. 4/6/85 LAST NM 38/11 40/11  
 Add Depth 5½ fathoms "Rep (2011)" 22°21'N 97°14'W  
 (7(119)11 SM Mexico, D.F.)

**145** 16Ed. 4/6/85 LAST NM 40/11 44/11  
 Add Depth 775 fathoms 16°37'N 106°27'W  
 (NTM0027/2011)

**145** 16Ed. 4/6/85 LAST NM 44/11 45/11  
 Add Depth 456 fathoms 7°07'N 85°47'W  
 (NTM0028/2011)

**145** 16Ed. 4/6/85 LAST NM 45/11 27/12  
 Add Superbuoy ODAS [Q58] "46022" Y,  
 Fl(4) Y 20s (PA) 40°43'N 124°35'W  
 (24/12 CG11)

**145** 16Ed. 4/6/85 LAST NM 27/12 30/12  
 Relocate Superbuoy ODAS "42060" from  
 16°30'N 63°30'W to 16°20'N 63°30'W  
 (NTM0007/2012)

**145** 16Ed. 4/6/85 LAST NM 30/12 34/14  
 Add Note 40°00'N 85°00'W  
 "NOTE  
 Ocean Data Acquisition System (ODAS) buoys  
 will no longer be maintained on this chart  
 unless located in areas where larger scale chart  
 coverage is unavailable."  
 (NTM0008/2014)

**★145** 16Ed. 4/6/85 LAST NM 34/14 43/17  
 Delete Depth 144 fathoms (ED) 16°59'N 79°31'W  
 (NTM0005/2017)

**★145** 16Ed. 4/6/85 LAST NM 43/17 44/17  
 Delete Depth 2¾ fathoms and enclosing dotted-line  
 area in vicinity 14°25'N 81°21'W  
 (NTM0005/2017)

**★145** 16Ed. 4/6/85 LAST NM 44/17 24/18  
 Add Depth 416 fathoms enclosed by depth contour  
 (1000-fathom) centered 13°57'N 120°33'W  
 Depth 114 fathoms enclosed by depth contour  
 (1000-fathom) centered 18°26'N 119°31'W  
 (NTM0001/2018)

**★200** (INT 200) 3Ed. 5/25/96 NEW EDITION 33/96  
 Add Depth 80 meters 40°07'S 56°16'W  
 (Previously published 23/96)

Add Wreck 45°18.5'S 60°02.0'W  
 (Previously published 26/96)

Relocate Light close E to 55°58'S 67°14'W  
 (DMA; SMEA006/96)

**200** (INT 200) 3Ed. 5/25/96 LAST NM 33/96 45/97  
 Delete R Bn (AERO) 51°40'S 58°57'W  
 (BA RA)

**200** (INT 200) 3Ed. 5/25/96 LAST NM 45/97 46/97  
 Delete Depth 574 meters 54°49'S 59°05'W  
 535 meters 54°56'S 57°44'W

Add Depth 430 meters 54°48'S 58°57'W  
 430 meters 55°00'S 57°42'W  
 261 meters 55°05'S 57°28'W  
 388 meters 54°05'S 52°14'W  
 (30(2705)97 Taunton)

**200** (INT 200) 3Ed. 5/25/96 LAST NM 46/97 2/98  
 Add Depth 231 meters 53°56'S 52°29'W  
 614 meters 54°03'S 51°34'W  
 (47(4223)97 Taunton)

**200** (INT 200) 3Ed. 5/25/96 LAST NM 2/98 32/98  
 Delete Position circle "OMEGA...Nuevo" 43°03'S 65°11'W  
 (13(125)98 Buenos Aires)

**200** (INT 200) 3Ed. 5/25/96 LAST NM 32/98 37/03  
 Add Wreck [K29] 44°19'S 60°22'W  
 Wreck [K29] 46°39'S 60°41'W  
 (12(130)99 Buenos Aires)

**200** (INT 200) 3Ed. 5/25/96 LAST NM 37/03 35/05  
 Add Buoy Y, pillar, Fl(5) Y 20s 43°48.6'S 59°40.5'W  
 (NTM0020/2005)

**200** (INT 200) 3Ed. 5/25/96 LAST NM 35/05 48/06  
 Add Danger circle "Obstn" [K40] 53°14'S 62°46'W  
 Wreck [K29] 46°25'S 66°45'W  
 (11(126), 18(212)06 Buenos Aires)

**200** (INT 200) 3Ed. 5/25/96 LAST NM 48/06 2/07  
 Delete Buoy 43°49'S 59°41'W

Add Superbuoy "ODAS" [Q58] Fl(5) Y 20s 43°50'S 59°40'W  
 (18(224)05 Buenos Aires)

**200** (INT 200) 3Ed. 5/25/96 LAST NM 2/07 4/07  
 Add Wreck [K29] (PA) 47°50'S 65°20'W  
 (10(107)05 Buenos Aires)

**200** (INT 200) 3Ed. 5/25/96 LAST NM 4/07 7/07  
 Add Wreck [K29] 53°30'S 67°51'W  
 (7(66)05 Buenos Aires)

**200** (INT 200) 3Ed. 5/25/96 LAST NM 7/07 9/07  
 Add Wreck [K29] (PA) 45°51'S 66°55'W  
 (18(215)03 Buenos Aires)

**200** (INT 200) 3Ed. 5/25/96 LAST NM 9/07 12/07  
 Add Danger circle "Obstn" [K40] 54°41'S 62°59'W  
 (8(91)06 Buenos Aires)

**200** (INT 200) 3Ed. 5/25/96 LAST NM 12/07 13/07  
 Add Area "#162" (Red Dot Point), predicted depth  
 812 meters, enclosed by purple dashed-line  
 circle, radius 5 miles, centered 53°29'S 50°00'W

Note to lower right margin of chart  
 "NOTE  
 Areas enclosed by purple dashed line have been  
 identified as potential hazards to navigation.  
 They are designated as "Red Dot Area/Point #"  
 areas with an associated predicted depth (+/-  
 250 meters). This predicted depth is derived  
 from remote-sensed gravity data and could fall  
 anywhere within the area. Mariners are advised  
 to navigate with extreme caution within these  
 areas."  
 (NTM0009/2007)

**200** (INT 200) 3Ed. 5/25/96 LAST NM 13/07 40/07  
 Substitute Depth 1025 meters for 1548 meters 53°08'S 49°54'W  
 (NTM0011/2007)

**200** (INT 200) 3Ed. 5/25/96 LAST NM 40/07 8/08  
 Delete R Bn at light 52°24'S 68°26'W  
 (6(57)06 Valparaiso)

**200** (INT 200) 3Ed. 5/25/96 LAST NM 8/08 4/09  
 Delete Light 37°45'S 57°27'W  
 R Bn at light 38°06'S 57°32'W  
 (7(84), 9(113)08 Buenos Aires; BA LL)

★200 (INT 200)	3Ed. 5/25/96	LAST NM 4/09	48/09	
Delete	Area “#162” (Red Dot Point), predicted depth 812 meters, radius 5 miles, centered	53°29’S 50°00’W		
	Note “Areas enclosed by...areas.” in lower right margin of chart			
Add	“Depths to 446m rep (2009)” area bound by dashed-line circle, radius 5 miles, centered	53°26’S 50°00’W		
	(NTM0011/2009)			
★200 (INT 200)	3Ed. 5/25/96	LAST NM 48/09	7/10	
Add	“Depths to 404m rep (2009)” area bound by dashed line joining	53°23’S 49°53’W 53°16’S 49°31’W 53°31’S 49°31’W 53°31’S 49°53’W		
	(NTM0011/2009)			
200 (INT 200)	3Ed. 5/25/96	LAST NM 7/10	36/10	
Delete	R Bn at light	38°59’S 61°15’W		
	R Bn at light	39°23’S 62°01’W		
	R Bn at light	40°46’S 62°16’W		
	R Bn at light	42°47’S 63°38’W		
	R Bn at light	47°13’S 65°45’W		
	R Bn at light	52°20’S 68°20’W		
	(12(120)03 Buenos Aires)			
200 (INT 200)	3Ed. 5/25/96	LAST NM 36/10	45/10	
Add	Wreck [K29] (PA)	46°35’S 57°02’W		
	(4(35)04 Buenos Aires)			
200 (INT 200)	3Ed. 5/25/96	LAST NM 45/10	46/10	
Add	Wreck [K29] (PA)	46°06’S 59°36’W		
	(5(42)04 Buenos Aires)			
200 (INT 200)	3Ed. 5/25/96	LAST NM 46/10	1/11	
Add	Foul ground symbol [K31]	43°59’S 62°18’W		
	Wreck [K29] (PA)	45°10’S 60°22’W		
	(17(137, 139)07 Buenos Aires)			
200 (INT 200)	3Ed. 5/25/96	LAST NM 1/11	2/11	
Add	Racon [S3.1] at light	52°23’S 68°26’W		
	(7(51)07 Buenos Aires)			
200 (INT 200)	3Ed. 5/25/96	LAST NM 2/11	26/11	
Add	Wreck [K29]	50°16’S 58°13’W		
	(4(47)08 Buenos Aires)			
200 (INT 200)	3Ed. 5/25/96	LAST NM 26/11	34/11	
Add	Wreck [K29] (PA)	43°52’S 64°38’W		
	(13(105)07 Buenos Aires)			
200 (INT 200)	3Ed. 5/25/96	LAST NM 34/11	36/11	
Add	Wreck [K29]	52°39’S 63°50’W		
	(7(81)06 Buenos Aires)			
200 (INT 200)	3Ed. 5/25/96	LAST NM 36/11	41/11	
Add	Wreck [K29]	47°18’S 61°28’W		
	(11(83)07 Buenos Aires)			
200 (INT 200)	3Ed. 5/25/96	LAST NM 41/11	47/11	
Add	Wreck [K29]	43°17’S 59°20’W		
	(2(3(22)04 Buenos Aires)			
200 (INT 200)	3Ed. 5/25/96	LAST NM 47/11	8/12	
Delete	Superbuoy ODAS	43°49’S 59°40’W		
	(12(189)09 Buenos Aires)			
200 (INT 200)	3Ed. 5/25/96	LAST NM 8/12	20/12	
Add	Wreck [K29]	43°54’S 59°50’W		
	(4(45)12 Buenos Aires)			
200 (INT 200)	3Ed. 5/25/96	LAST NM 20/12	25/12	
Delete	R Bn at light	34°40’S 54°09’W		
	(Uru LL)			
200 (INT 200)	3Ed. 5/25/96	LAST NM 25/12	26/12	
Delete	R Bn from light	35°02’S 54°53’W		
	(4(34)09 Buenos Aires)			
200 (INT 200)	3Ed. 5/25/96	LAST NM 26/12	32/12	
Add	Wreck [K29]	39°56’S 59°40’W		
	(11(128)11 Buenos Aires)			
200 (INT 200)	3Ed. 5/25/96	LAST NM 32/12	34/12	
Add	Wreck [K29] (PA)	37°32’S 56°08’W		
	(11(135)11 Buenos Aires)			
200 (INT 200)	3Ed. 5/25/96	LAST NM 34/12	4/13	
Add	Wreck [K29] (PA)	40°14’S 56°44’W		
	(7(79)09 Buenos Aires)			
200 (INT 200)	3Ed. 5/25/96	LAST NM 4/13	9/13	
Add	Wreck [K29]	44°50’S 61°21’W		
	(18(209)04 Buenos Aires)			
200 (INT 200)	3Ed. 5/25/96	LAST NM 9/13	21/13	
Add	Depth 157 meters and extend depth contour (200-meter) and blue tint SE to enclose	36°47’S 53°52’W		
	(7(86)09 Buenos Aires; UKHO ARCS 556-0)			
200 (INT 200)	3Ed. 5/25/96	LAST NM 21/13	17/14	
Add	Wreck [K29]	46°51’S 64°43’W		
	(3(48)14 Buenos Aires)			
★201 (INT 201)	2Ed. 8/22/81	NEW EDITION	44/81	
	(DMAHTC)			
201 (INT 201)	2Ed. 8/22/81	LAST NM 44/81	40/82	
Delete	R Bn (AERO)	27°39.8’S 48°32.1’W		
Add	R Bn (AERO)	27°41.7’S 48°30.0’W		
	(8(65)82 Rio de Janeiro)			
201 (INT 201)	2Ed. 8/22/81	LAST NM 40/82	31/83	
Add	Depth 27 meters	20°31.6’S 38°06.6’W		
	(NVS6978/83)			
201 (INT 201)	2Ed. 8/22/81	LAST NM 31/83	37/83	
Add	Depth 598 meters	30°40’S 35°27’W		
	(29(1876)83 Taunton)			
201 (INT 201)	2Ed. 8/22/81	LAST NM 37/83	8/85	
Delete	Depth 598 meters	30°40’S 35°27’W		
Add	Depth 380 meters	30°47’S 35°18’W		
	(2(159)85 Taunton)			
201 (INT 201)	2Ed. 8/22/81	LAST NM 8/85	17/85	
Add	Depth 118 meters Wellhead	25°14.5’S 45°15.9’W		
	(11(130)84 Rio de Janeiro)			
201 (INT 201)	2Ed. 8/22/81	LAST NM 17/85	42/85	
Add	R Bn with light flare symbol	20°30’S 29°20’W		
	(35(2351)85 Taunton)			
201 (INT 201)	2Ed. 8/22/81	LAST NM 42/85	46/85	
Add	Depths			
	25 meters	22°31.9’S 41°16.0’W		
	51 meters	20°05.0’S 38°06.0’W		
	(36(2404)85 Taunton)			
201 (INT 201)	2Ed. 8/22/81	LAST NM 46/85	7/86	
Change	Caution note to “Oil platforms and submarine pipelines exist in this area. Navigation and fishing are prohibited in this area, except to vessels serving the oil operations.”	28°30.0’S 55°25.0’W		
	(18(206)85 Rio de Janeiro)			

**201** (INT 201) 2Ed. 8/22/81 LAST NM 7/86 28/87  
 Add Depth 153 meters "Rep (1987)" 27°17'S 39°03'W  
 (8(650)87 Taunton)

**201** (INT 201) 2Ed. 8/22/81 LAST NM 28/87 25/88  
 Delete Depth 12.3 meters "Rep (1966)" (PA) 21°24.8'S 40°12.0'W  
 (6(E102)88 Rio de Janeiro)

**201** (INT 201) 2Ed. 8/22/81 LAST NM 25/88 20/89  
 Add Depth 104 meters enclosed by  
 danger circle "Rep (1988)" (PA) 20°43'S 32°15'W  
 (20(E310)88 Rio de Janeiro)

**201** (INT 201) 2Ed. 8/22/81 LAST NM 20/89 40/89  
 Delete R Bn (AERO) 22°47'S 43°10'W  
 (10(G152)89 Rio de Janeiro)

**201** (INT 201) 2Ed. 8/22/81 LAST NM 40/89 6/90  
 Add Depth 27 meters (ED) enclosed  
 by depth contour (50 meters) 27°00'S 47°24'W  
 (13(S200)89 Rio de Janeiro)

**201** (INT 201) 2Ed. 8/22/81 LAST NM 6/90 18/90  
 Substitute Depth 259 meters for 312 meters 22°09'S 39°58'W  
 (16(E240)89 Rio de Janeiro)

**201** (INT 201) 2Ed. 8/22/81 LAST NM 18/90 38/93  
 Add Wreck 20°06'S 39°55'W  
 (9(68)93 Rio de Janeiro)

**201** (INT 201) 2Ed. 8/22/81 LAST NM 38/93 20/94  
 Add Light symbol 23°47'S 45°14'W  
 (23(208)93 Rio de Janeiro)

**201** (INT 201) 2Ed. 8/22/81 LAST NM 20/94 30/94  
 Substitute Depth 2.4 meters enclosed by  
 danger circle for 240 meters 20°03.5'S 37°07.5'W  
 (9(83)94 Rio de Janeiro)

**201** (INT 201) 2Ed. 8/22/81 LAST NM 30/94 43/94  
 Substitute Depth 2400 meters for 2.4 meters  
 and enclosing danger circle 20°03.5'S 37°07.5'W  
 (Cancels 30/94-201)  
 (9(83)94 Rio de Janeiro)

**201** (INT 201) 2Ed. 8/22/81 LAST NM 43/94 50/95  
 Add Light symbol 22°56'S 42°30'W  
 (17(187)95 Rio de Janeiro)

**201** (INT 201) 2Ed. 8/22/81 LAST NM 50/95 8/96  
 Add Light symbol 31°53'S 51°46'W  
 (11(132)95 Rio de Janeiro)

**201** (INT 201) 2Ed. 8/22/81 LAST NM 8/96 17/96  
 Add Light float 26°47'S 46°48'W  
 (7(76)95 Rio de Janeiro)

**201** (INT 201) 2Ed. 8/22/81 LAST NM 17/96 48/97  
 Delete R Bn (AERO) 34°51'S 55°07'W  
 (BA LL)

**201** (INT 201) 2Ed. 8/22/81 LAST NM 48/97 22/00  
 Add Light symbol 19°06'S 39°43'W  
 (4(14P)00 Rio de Janeiro)

**201** (INT 201) 2Ed. 8/22/81 LAST NM 22/00 11/06  
 Add Depth 598 meters 30°40'S 35°27'W  
 Depth 549 meters 33°35'S 31°12'W  
 Depth 996 meters 33°40'S 30°56'W  
 (NTM0014/2006)

**201** (INT 201) 2Ed. 8/22/81 LAST NM 11/06 18/08  
 Add Depth 75 meters "Rep (2007)" [I3.2] 23°38'S 41°57'W  
 Depth 1181 meters "Rep (2007)" [I3.2] 26°15'S 39°55'W  
 (NTM0012/2008)

**201** (INT 201) 2Ed. 8/22/81 LAST NM 18/08 19/08  
 Add Depth 492 meters "Rep (2007)" 32°02'S 32°47'W  
 "Depths to 70m rep (2007)" area bound by  
 dashed line joining 29°41'S 36°25'W  
 30°18'S 35°31'W  
 30°35'S 33°47'W  
 31°32'S 34°27'W  
 31°22'S 35°36'W  
 30°49'S 36°54'W  
 30°08'S 36°54'W  
 (NTM0009/2007)

**201** (INT 201) 2Ed. 8/22/81 LAST NM 19/08 4/09  
 Delete Light 37°46'S 57°27'W  
 R Bn at light 38°06'S 57°32'W  
 (7(84), 9(113)08 Buenos Aires; BA LL)

**201** (INT 201) 2Ed. 8/22/81 LAST NM 4/09 32/10  
 Delete Depth 75 meters "Rep (2007)" 23°38'S 41°57'W  
 (NTM0001/2010)

**201** (INT 201) 2Ed. 8/22/81 LAST NM 32/10 4/12  
 Add Depth 161 meters Rk [K15] 27°18'S 39°03'W  
 (24(189)11 Rio de Janeiro)

**201** (INT 201) 2Ed. 8/22/81 LAST NM 4/12 26/12  
 Delete R Bn from light 35°02'S 54°53'W  
 (4(34)09 Buenos Aires)

**201** (INT 201) 2Ed. 8/22/81 LAST NM 26/12 21/13  
 Add Depth 157 meters 36°47'S 53°52'W  
 and extend depth contour (200-meter) and blue  
 tint SE to enclose  
 (7(86)09 Buenos Aires; UKHO ARCS 556-0)

**201** (INT 201) 2Ed. 8/22/81 LAST NM 21/13 18/17  
 Delete Depth 1181 meters "Rep (2007)" 26°15'S 39°55'W  
 Depth 492 meters "Rep (2007)" 32°02'S 32°47'W  
 Add Depth 579 meters 26°15'S 39°57'W  
 Depth 765 meters 32°03'S 32°45'W  
 (NTM0004/2017)

**★202** (INT 202) 2Ed. 3/1/80 NEW EDITION 18/80  
 (DMAHTC)

**202** (INT 202) 2Ed. 3/1/80 LAST NM 18/80 6/81  
 Add Light symbol 19°50'12"S 40°03'33"W  
 (19(187)80 Rio de Janeiro)

**202** (INT 202) 2Ed. 3/1/80 LAST NM 6/81 24/81  
 Delete Depth 9 meters 4°00'S 36°05'W  
 Add Depth 9 meters "Rep (1980)" (PA) 3°58'S 35°48'W  
 (NVS6403, 6404/81)

**202** (INT 202) 2Ed. 3/1/80 LAST NM 24/81 27/82  
 Delete Depth 7 meters (ED) 11°52'S 37°23'W  
 (Brz CH 1000)

**202** (INT 202) 2Ed. 3/1/80 LAST NM 27/82 32/82  
 Substitute Depth 23 meters for 27 meters 17°52'S 35°56'W  
 (22(222)81 Rio de Janeiro)

**202** (INT 202) 2Ed. 3/1/80 LAST NM 32/82 45/82  
 Delete Danger circles "ED" 17°10'S 35°42'W  
 17°35'S 35°15'W  
 (12(114)82 Rio de Janeiro)

**202** (INT 202) 2Ed. 3/1/80 LAST NM 45/82 31/83  
 Add Depths 3°26.1'S 35°02.8'W  
 48 meters 20°31.6'S 38°06.6'W  
 27 meters  
 (NVS6978/83)

**202** (INT 202) 2Ed. 3/1/80 LAST NM 31/83 43/83  
 Relocate R Bn (AERO) close N to 8°02'S 34°57'W  
 (14(119)83 Rio de Janeiro)

202 (INT 202)	2Ed. 3/1/80	LAST NM 43/83	23/84
Delete	Depth 256 meters	8°23'S 16°55'W	
Add	Depth 256 meters	8°28.8'S 17°04.6'W	
	(NVS7266/84)		
202 (INT 202)	2Ed. 3/1/80	LAST NM 23/84	28/85
Add	Legend "(ED)" to depth 12 meters	17°04'59"S 36°59'00"W	
	(2(33)85 Rio de Janeiro)		
202 (INT 202)	2Ed. 3/1/80	LAST NM 28/85	42/85
Add	R Bn with light flare symbol	20°30'S 29°20'W	
	(35(2351)85 Taunton)		
202 (INT 202)	2Ed. 3/1/80	LAST NM 42/85	44/85
Add	Chartlet, depicting changes in hydrography and topography, from back of Section I	4°00'S 35°00'W	
	(DMAHTC)		
202 (INT 202)	2Ed. 3/1/80	LAST NM 44/85	46/85
Add	Depths		
	25 meters	22°31.9'S 41°16.0'W	
	51 meters	20°05.0'S 38°06.0'W	
	(36(2404)85 Taunton)		
202 (INT 202)	2Ed. 3/1/80	LAST NM 46/85	6/86
Delete	Depth 54 meters	3°11.0'S 38°17.0'W	
Substitute	Depth 878 meters for depth 378 meters	8°18.0'S 34°12.0'W	
	(23(259)85 Rio de Janeiro)		
202 (INT 202)	2Ed. 3/1/80	LAST NM 6/86	7/86
Change	Caution note to "Oil platforms and submarine pipelines exist in this area. Navigation and fishing are prohibited in this area, except to vessels serving the oil operations."	8°50'S 42°30'W	
	(18(206)85 Rio de Janeiro)		
202 (INT 202)	2Ed. 3/1/80	LAST NM 7/86	44/86
Add	Submarine cable joining	8°09.5'S 34°54.0'W	
		8°12.8'S 34°48.5'W	
		8°09.0'S 34°24.0'W	
		8°06.3'S 34°05.3'W	
		7°24.0'S 33°25.0'W	
		6°09.0'S 32°21.0'W	
		4°00.0'S 30°55.5'W	
		3°00.0'S 30°26.0'W	
	joining	8°08.3'S 34°54.2'W	
		8°11.6'S 34°18.5'W	
		8°08.0'S 33°54.0'W	
		7°47.5'S 33°03.4'W	
		5°23.0'S 31°20.6'W	
		4°27.4'S 30°33.9'W	
		3°00.0'S 29°30.0'W	
	(17(E253)86 Rio de Janeiro)		
202 (INT 202)	2Ed. 3/1/80	LAST NM 44/86	1/87
Add	Depth 110 meters enclosed by depth contour (200-meter) "Rep (1986)"	4°44.5'S 35°10.4'W	
	(18(N277)86 Rio de Janeiro)		
202 (INT 202)	2Ed. 3/1/80	LAST NM 1/87	25/88
Delete	Depth 12.3 meters "Rep (1966)" (PA)	21°24.8'S 40°14.0'W	
	(6(E102)88 Rio de Janeiro)		
202 (INT 202)	2Ed. 3/1/80	LAST NM 25/88	36/88
Add	Depth 159 meters	3°29.2'S 37°29.5'W	
	(See 44/85-202)		
	(MCNM8136/88)		
202 (INT 202)	2Ed. 3/1/80	LAST NM 36/88	38/88
Add	Depth 22 meters enclosed by danger circle (PA)	4°53'S 35°01'W	
	(12(N183)88 Rio de Janeiro)		
202 (INT 202)	2Ed. 3/1/80	LAST NM 38/88	20/89
Add	Depth 104 meters enclosed by danger circle "Rep (1988)" (PA)	20°43'S 32°15'W	
	(20(E310)88 Rio de Janeiro)		
202 (INT 202)	2Ed. 3/1/80	LAST NM 20/89	40/89
Delete	R Bns (AERO)	5°11'S 37°21'W	
		8°02'S 34°57'W	
		22°47'S 43°10'W	
	(10(G152)89 Rio de Janeiro)		
202 (INT 202)	2Ed. 3/1/80	LAST NM 40/89	6/90
Substitute	Depth 80 meters for 110 meters "Rep (1986)"	4°45'S 35°11'W	
Add	Depth 17 meters enclosed by danger circle "Rep (1989)" (See 44/85-202)	4°42'S 35°31'W	
	(13(N192, N193)89 Rio de Janeiro)		
202 (INT 202)	2Ed. 3/1/80	LAST NM 6/90	18/90
Substitute	Depth 259 meters for 312 meters	22°09'S 39°58'W	
	(16(E240)89 Rio de Janeiro)		
202 (INT 202)	2Ed. 3/1/80	LAST NM 18/90	31/90
Add	Depth 7 meters	17°10'S 37°01'W	
	(15(1181)90 Taunton)		
202 (INT 202)	2Ed. 3/1/80	LAST NM 31/90	23/92
Add	Light symbol	15°21'S 39°00'W	
	(7(52)92 Rio de Janeiro)		
202 (INT 202)	2Ed. 3/1/80	LAST NM 23/92	38/93
Add	Wreck	20°06'S 39°55'W	
	Light symbol	12°14'S 37°46'W	
	(9(68), 12(87)93 Rio de Janeiro)		
202 (INT 202)	2Ed. 3/1/80	LAST NM 38/93	20/94
Add	Light symbol	17°54'S 39°22'W	
	(21(187)93 Rio de Janeiro)		
202 (INT 202)	2Ed. 3/1/80	LAST NM 20/94	30/94
Substitute	Depth 2.4 meters enclosed by danger circle for 240 meters	20°03.5'S 37°07.5'W	
	(9(83)94 Rio de Janeiro)		
202 (INT 202)	2Ed. 3/1/80	LAST NM 30/94	43/94
Substitute	Depth 2400 meters for 2.4 meters and enclosing danger circle (Cancels 30/94-202)	20°03.5'S 37°07.5'W	
	(9(83)94 Rio de Janeiro)		
202 (INT 202)	2Ed. 3/1/80	LAST NM 43/94	47/94
Add	Light symbol	11°58'S 37°36'W	
	(13(131P)94 Rio de Janeiro)		
202 (INT 202)	2Ed. 3/1/80	LAST NM 47/94	50/95
Add	Light symbol	22°56'S 42°30'W	
	(17(187)95 Rio de Janeiro)		
202 (INT 202)	2Ed. 3/1/80	LAST NM 50/95	1/96
Add	Light symbol	6°03'S 35°07'W	
	(20(217P)95 Rio de Janeiro)		
202 (INT 202)	2Ed. 3/1/80	LAST NM 1/96	31/96
Add	Light symbol	3°24'S 39°01'W	
	(11(103P)96 Rio de Janeiro)		
202 (INT 202)	2Ed. 3/1/80	LAST NM 31/96	9/98
Delete	Depth		
	25 meters	22°32'S 41°16'W	
	91 meters	23°11'S 41°12'W	
	60 meters	20°28'S 39°56'W	
	36 meters	20°21'S 37°39'W	

(continued on next page)

<b>202</b> (Continued)				9/98	
Wreck				20°06'S 39°55'W	
Danger circle "Rep (1920)"				14°39'S 35°57'W	
R Bn and light flare symbol				20°30'S 29°20'W	
Add	Depth				
	25 meters Wk			22°35'S 40°52'W	
	96 meters Obstn			23°14'S 41°10'W	
	38 meters (ED)			20°24'S 39°52'W	
	14 meters (ED)			16°00'S 37°52'W	
	23 meters			15°56'S 38°02'W	
	7 meters			11°51'S 37°22'W	
Wreck				20°31'S 40°04'W	
				7°11'S 34°15'W	
(Brz CH 20; Brz LL; BA RA)					
<b>202</b> (INT 202)	2Ed. 3/1/80	LAST NM 9/98		11/98	
Delete	R Bn (AERO)			11°00'S 37°04'W	
(GIMM002/98)					
<b>202</b> (INT 202)	2Ed. 3/1/80	LAST NM 11/98		9/00	
Delete	Depth 13 meters			17°00'S 37°26'W	
	Depth 12 meters and enclosing dotted line circle in vicinity			17°03'S 36°59'W	
(24(188)99 Rio de Janeiro)					
<b>202</b> (INT 202)	2Ed. 3/1/80	LAST NM 9/00		22/00	
Add	Light symbol			19°06'S 39°43'W	
(4(14P)00 Rio de Janeiro)					
<b>202</b> (INT 202)	2Ed. 3/1/80	LAST NM 22/00		18/08	
Add	Depth 75 meters "Rep (2007)" [I3.2]			23°38'S 41°57'W	
(NTM0012/2008)					
<b>202</b> (INT 202)	2Ed. 3/1/80	LAST NM 18/08		32/10	
Delete	Depth 75 meters "Rep (2007)"			23°38'S 41°57'W	
(NTM0001/2010)					
<b>★202</b> (INT 202)	2Ed. 3/1/80	LAST NM 32/10		10/11	
Add	Depth 338 meters enclosed by depth contour (1000-meter) centered			17°33'S 35°31'W	
(NTM0010/2011)					
<b>★202</b> (INT 202)	2Ed. 3/1/80	LAST NM 10/11		41/11	
Delete	Depth 338 meters and enclosing depth contour (1000-meter) centered			17°33'S 35°31'W	
(Cancels 10/11-202)					
Add	Depth 338 meters enclosed by depth contour (1000-meter) centered			17°43'S 35°33'W	
(NTM0010/2011)					
<b>202</b> (INT 202)	2Ed. 3/1/80	LAST NM 41/11		15/19	
Add	Depth 110 meters, blue tint and enclosing dotted-line circle [I4] centered			8°01'S 34°16'W	
(6(716)16 Taunton)					
<b>★203</b> (INT 203)	2Ed. 8/18/84	NEW EDITION		43/84	
(DMAHTC)					
<b>203</b> (INT 203)	2Ed. 8/18/84	LAST NM 43/84		47/84	
Add	R Bn (AERO) (PA)			15°56'S 5°43'W	
(30(1968)84 Taunton)					
<b>203</b> (INT 203)	2Ed. 8/18/84	LAST NM 47/84		9/85	
Delete	Depth 124 meters			15°41.0'S 6°58.0'W	
Add	Depth 105 meters			15°38.5'S 6°57.5'W	
(2(129)85 Taunton)					
<b>203</b> (INT 203)	2Ed. 8/18/84	LAST NM 9/85		52/85	
Change	Legends to "CONTINUED ON INT 209"			9°00.0'S 17°10.0'W	
(HNNM7637/85)	"CONTINUED ON INT 209"			6°15.0'S 1°00.0'E	
<b>203</b> (INT 203)	2Ed. 8/18/84	LAST NM 52/85		28/87	
Add	Depth 152 meters			14°23.23'S 12°06.65'E	
(20(1506)87 Taunton)					
<b>203</b> (INT 203)	2Ed. 8/18/84	LAST NM 28/87		11/88	
Delete	Depth 152 meters (Supersedes 28/87-203)			14°23.23'S 12°06.65'E	
(51(3862)87 Taunton)					
<b>203</b> (INT 203)	2Ed. 8/18/84	LAST NM 11/88		51/88	
Delete	R Bn (AERO) (BA RA)			5°54'S 12°19'E	
<b>203</b> (INT 203)	2Ed. 8/18/84	LAST NM 51/88		33/89	
Add	Depth 213 meters			9°44.8'S 12°05.3'W	
(25(1880)89 Taunton)					
<b>203</b> (INT 203)	2Ed. 8/18/84	LAST NM 33/89		18/91	
Delete	Depth 3453 meters			9°37'S 0°33'W	
Add	Depths 701 meters 661 meters			6°28'S 1°12'E 9°30'S 0°28'W	
(7(499)91 Taunton)					
<b>203</b> (INT 203)	2Ed. 8/18/84	LAST NM 18/91		4/92	
Add	Depth 576 meters			19°26'S 10°07'E	
(34(2452)91 Taunton)					
<b>203</b> (INT 203)	2Ed. 8/18/84	LAST NM 4/92		44/92	
Delete	R Bn (AERO) (BA RA)			12°22'S 13°32'E	
<b>203</b> (INT 203)	2Ed. 8/18/84	LAST NM 44/92		6/98	
Add	Wreck			22°03'S 12°48'E	
(10(111)97 Cape Town)					
<b>203</b> (INT 203)	2Ed. 8/18/84	LAST NM 6/98		45/99	
Delete	R Bn at light			22°54'S 14°26'E	
(5(53)99 Cape Town)					
<b>203</b> (INT 203)	2Ed. 8/18/84	LAST NM 45/99		34/01	
Delete	Light			19°23'S 12°43'E	
	Light			20°02'S 13°03'E	
	Light			21°46'S 13°57'E	
(2(34)01 Cape Town)					
<b>203</b> (INT 203)	2Ed. 8/18/84	LAST NM 34/01		17/07	
Add	Wreck [K29] (PA)			25°19'S 13°39'E	
(12(116)06 Cape Town)					
<b>203</b> (INT 203)	2Ed. 8/18/84	LAST NM 17/07		6/09	
Add	Depth 398 meters			21°29'S 12°39'E	
(12(112)08 Cape Town)					
<b>★203</b> (INT 203)	2Ed. 8/18/84	LAST NM 6/09		36/10	
Substitute	Depth 771 meters for 812 meters			23°15'S 8°17'E	
	Depth 212 meters for 230 meters			26°14'S 6°15'E	
Add	Depth 1020 meters			20°35'S 9°05'E	
(NTM0019/2010)					
<b>★204</b> (INT 204)	4Ed. 1/27/96	NEW EDITION		10/96	
(DMA)					
<b>204</b> (INT 204)	4Ed. 1/27/96	LAST NM 10/96		47/96	
Delete	Legend "AERO"			31°33'S 29°08'E	
(7(75)96 Cape Town)					
<b>204</b> (INT 204)	4Ed. 1/27/96	LAST NM 47/96		49/96	
Add	Depth 219 meters			35°52'S 22°48'E	
(8(86)96 Cape Town)					
<b>204</b> (INT 204)	4Ed. 1/27/96	LAST NM 49/96		7/98	
Delete	Depth 73 meters			30°55'S 15°05'E	
(39(3484)97 Taunton)					

204 (INT 204)	4Ed. 1/27/96	LAST NM 7/98	44/98
Substitute	Depth 7 meters for 11 meters	31°41.0'S 8°22.0'E	
(6(462)98 Taunton)			
204 (INT 204)	4Ed. 1/27/96	LAST NM 44/98	3/99
Add	Wreck	30°00'S 31°53'E	
(9(110)98 Cape Town)			
204 (INT 204)	4Ed. 1/27/96	LAST NM 3/99	45/99
Delete	R Bn at light	22°54'S 14°26'E	
(5(53)99 Cape Town)			
204 (INT 204)	4Ed. 1/27/96	LAST NM 45/99	52/99
Delete	Depth 49 meters	33°53'S 26°47'E	
(5(58)99 Cape Town)			
204 (INT 204)	4Ed. 1/27/96	LAST NM 52/99	21/00
Delete	Depth 192 meters	28°40'S 32°39'E	
(1(25)00 Cape Town)			
204 (INT 204)	4Ed. 1/27/96	LAST NM 21/00	34/00
Delete	R Bn at light	26°38'S 15°06'E	
	R Bn at light	29°15'S 16°52'E	
	R Bn at light	31°49'S 18°14'E	
	R Bn at light	32°50'S 17°53'E	
	R Bn at light	33°26'S 18°06'E	
	R Bn at light	33°49'S 18°22'E	
	R Bn at light	34°21'S 18°29'E	
	R Bn at light	34°50'S 20°01'E	
	R Bn at light	34°28'S 20°51'E	
	R Bn at light	34°11'S 22°09'E	
	R Bn at light	34°13'S 24°50'E	
	R Bn at light	27°33'S 32°41'E	
	R Bn at light	28°31'S 32°24'E	
	R Bn at light	28°46'S 32°08'E	
	R Bn at light	33°31'S 27°06'E	
	R Bn at light	32°14'S 28°55'E	
	R Bn at light	30°45'S 30°28'E	
	R Bn at light	29°56'S 31°00'E	
	R Bn at light	34°01'S 25°42'E	
	R Bn at light	33°02'S 27°54'E	
(3(36), 4(50)00 Cape Town)			
204 (INT 204)	4Ed. 1/27/96	LAST NM 34/00	4/04
Delete	Depth 95 meters and enclosing danger circle centered	33°15'S 16°36'E	
(11-12(75)03 Cape Town)			
204 (INT 204)	4Ed. 1/27/96	LAST NM 4/04	7/07
Add	Wreck [K29] (PA)	33°04'S 17°07'E	
(8(86)06 Cape Town)			
204 (INT 204)	4Ed. 1/27/96	LAST NM 7/07	17/07
Add	Wreck [K29] (PA)	25°19'S 13°39'E	
(12(116)06 Cape Town)			
204 (INT 204)	4Ed. 1/27/96	LAST NM 17/07	18/07
Delete	Depth 146 meters, blue tint and enclosing danger circle centered	29°29'S 31°57'E	
(4(59)06 Cape Town)			
204 (INT 204)	4Ed. 1/27/96	LAST NM 18/07	16/10
Substitute	Depth 144 meters for 150 meters	29°38'S 14°18'E	
(NTM0011/2009)			
★204 (INT 204)	4Ed. 1/27/96	LAST NM 16/10	36/10
Substitute	Depth 771 meters for 812 meters	23°15'S 8°17'E	
	Depth 212 meters for 230 meters	26°14'S 6°15'E	
	Depth 552 meters enclosed by depth contour (1000-meter) for 638 meters	31°45'S 2°11'E	
	Depth 484 meters for 542 meters	32°53'S 2°33'E	
Add	Depth 1198 meters enclosed by depth contour (2000-meter) centered	30°47'S 2°29'E	
(NTM0019/2010)			
204 (INT 204)	4Ed. 1/27/96	LAST NM 36/10	17/13
Add	Particularly Sensitive Sea Area [N22] bound by shore and purple composite line joining	31°14'S 17°50'E 31°30'S 17°12'E 32°00'S 17°06'E 32°32'S 16°52'E 34°06'S 17°24'E 36°58'S 20°54'E 36°00'S 22°30'E 35°14'S 22°54'E 34°30'S 26°00'E 33°48'S 27°25'E 33°27'S 27°12'E	
	Legend "PSSA (SEE NOTE)"	31°50'S 17°13'E	
	Legend "PSSA (SEE NOTE)"	35°28'S 19°12'E	
	Legend "PSSA (SEE NOTE)"	34°43'S 24°37'E	
	Note		
	"PARTICULARLY SENSITIVE SEA AREA		
	The Particularly Sensitive Sea Area (PSSA) is indicated by a purple composite line. A PSSA is an environmentally sensitive sea area around which mariners should exercise extreme caution. For further details see Sailing Directions."		
(1(28)12 Cape Town)		29°00'S 23°00'E	
204 (INT 204)	4Ed. 1/27/96	LAST NM 17/13	24/14
Add	Wreck [K29] (PA)	35°10'S 23°20'E	
(4(42)14 Cape Town)			
204 (INT 204)	4Ed. 1/27/96	LAST NM 24/14	17/15
Delete	Legend "Davie SMt"	36°28'S 24°41'E	
	Add	Legend "Davie SMt" at depth 1056 meters (NTM0012/2015)	36°22'S 23°25'E
★211	5Ed. 1/13/96	NEW EDITION (DMA)	19/96
211	5Ed. 1/13/96	LAST NM 19/96	23/96
Add	Depth 43 fathoms	40°07'S 56°16'W	
(5(63)96 Buenos Aires)			
211	5Ed. 1/13/96	LAST NM 23/96	22/97
Add	Depth 117 fathoms	57°38'S 27°00'W	
(8(758)97 Taunton)			
211	5Ed. 1/13/96	LAST NM 22/97	46/97
Substitute	Depth		
	235 fathoms for 314 fathoms	54°48'S 58°57'W	
	196 fathoms for 231 fathoms	55°57'S 27°42'W	
Add	Depth		
	235 fathoms	55°00'S 57°42'W	
	142 fathoms	55°05'S 57°28'W	
	212 fathoms	54°05'S 52°14'W	
(30(2705)97 Taunton)			
211	5Ed. 1/13/96	LAST NM 46/97	2/98
Add	Depth		
	126 fathoms	53°56'S 52°29'W	
	335 fathoms	54°03'S 51°34'W	
(47(4223)97 Taunton)			
211	5Ed. 1/13/96	LAST NM 2/98	35/98
Add	Depth 678 fathoms "Rep (1997)"	53°01'S 19°21'E	
(36(5401)98 St. Petersburg)			
211	5Ed. 1/13/96	LAST NM 35/98	40/98
Delete	Legend "PD" from depth 52 fathoms	33°12'S 16°37'E	
(6(66)98 Cape Town)			

<b>211</b>	5Ed. 1/13/96	LAST NM 40/98		44/98
Add	Depth			
	53 fathoms		54°22.0'S	2°58.0'E
	398 fathoms		47°23.0'S	12°57.0'W
	298 fathoms		47°04.0'S	8°30.0'W
	479 fathoms		54°28.0'S	4°57.0'W
	425 fathoms		52°47.0'S	3°00.0'W
	319 fathoms		51°38.0'S	1°10.0'E
	272 fathoms		54°25.0'S	4°40.0'E
	310 fathoms		50°03.0'S	4°57.0'E
	253 fathoms		54°08.0'S	5°53.0'E
	408 fathoms		53°46.0'S	6°32.0'E
	416 fathoms		53°15.0'S	0°59.0'E
	587 fathoms		35°00.0'S	0°35.0'E
	(18(1540)98 Taunton)			
<b>211</b>	5Ed. 1/13/96	LAST NM 44/98		47/01
Add	Depth 582 meters		43°57'S	1°40'W
	Depth 714 meters		46°36'S	7°17'W
	Depth 636 meters		47°17'S	9°02'W
	(22(1992)99 Taunton)			
<b>211</b>	5Ed. 1/13/96	LAST NM 47/01		48/01
Substitute	Depth 61 fathoms for 130 fathoms		52°39'S	60°23'W
	(34(3196)99 Taunton)			
<b>211</b>	5Ed. 1/13/96	LAST NM 48/01		4/04
Delete	Depth 52 fathoms and enclosing depth contour (100-fathom) centered		33°05'S	16°39'E
	(11-12(75)03 Cape Town)			
<b>211</b>	5Ed. 1/13/96	LAST NM 4/04		35/05
Add	Buoy Y, pillar, Fl(5) Y 20s		43°49'S	59°40'W
	(NTM0020/2005)			
<b>211</b>	5Ed. 1/13/96	LAST NM 35/05		31/06
Substitute	Depth 119 fathoms for 258 fathoms		59°43'S	68°52'W
Add	Depth 670 fathoms		60°00'S	69°07'W
	Depth 1022 fathoms		59°37'S	66°57'W
	Depth 1003 fathoms		60°02'S	64°45'W
	Depth 686 fathoms		59°43'S	63°53'W
	Depth 1537 fathoms		60°28'S	62°12'W
	Depth 946 fathoms		60°36'S	64°58'W
	Depth 571 fathoms		60°36'S	66°00'W
	Depth 888 fathoms		61°39'S	65°31'W
	Depth 1096 fathoms		61°05'S	65°04'W
	Depth 252 fathoms		61°57'S	61°00'W
	Depth 176 fathoms		61°56'S	60°16'W
	(NTM0014/2006)			
<b>211</b>	5Ed. 1/13/96	LAST NM 31/06		48/06
Add	Danger circle "Obstn" [K40]		53°14'S	62°46'W
	Wreck [K29]		46°25'S	66°45'W
	(11(126), 18(212)06 Buenos Aires)			
<b>211</b>	5Ed. 1/13/96	LAST NM 48/06		2/07
Change	Buoy to Superbuoy "ODAS" [Q58] Fl(5) Y 20s		43°50'S	59°40'W
	(18(224)05 Buenos Aires)			
<b>211</b>	5Ed. 1/13/96	LAST NM 2/07		4/07
Add	Wreck [K29] (PA)		47°50'S	65°20'W
	(10(107)05 Buenos Aires)			
<b>211</b>	5Ed. 1/13/96	LAST NM 4/07		7/07
Add	Wreck [K29] (PA)		33°04'S	17°07'E
	(8(86)06 Cape Town)			
<b>211</b>	5Ed. 1/13/96	LAST NM 7/07		13/07
Delete	Depth 12 fathoms		33°50'S	3°10'W
Substitute	Depth 695 fathoms for 1687 fathoms		34°42'S	1°05'W
	Depth 423 fathoms for 485 fathoms		33°50'S	3°35'W
Add	Depth 420 fathoms		33°04'S	2°43'W
	Depth 885 fathoms		33°33'S	0°52'W
	Depth 502 fathoms		34°32'S	3°47'W
	Depth 857 fathoms		32°58'S	5°08'W
	Depth 594 fathoms		34°40'S	4°28'W
	(NTM0014/2006)			

<b>211</b>	5Ed. 1/13/96	LAST NM 13/07		25/07
Add	Depth 803 fathoms enclosed by dashed-line circle		39°20'S	13°10'W
	Depth 869 fathoms enclosed by dashed-line circle		38°53'S	15°30'W
	Depth 738 fathoms enclosed by dashed-line circle		35°07'S	15°21'W
	Depth 847 fathoms enclosed by dashed-line circle		37°16'S	17°24'W
	Depth 951 fathoms enclosed by dashed-line circle		38°27'S	16°00'W
	Depth 957 fathoms enclosed by dashed-line circle		36°27'S	16°56'W
	Depth 920 fathoms enclosed by dashed-line circle		37°52'S	17°12'W
	(NTM0011/2007)			
<b>211</b>	5Ed. 1/13/96	LAST NM 25/07		26/07
Add	Depth 835 fathoms enclosed by dashed-line circle		32°10'S	13°00'W
	Depth 731 fathoms enclosed by dashed-line circle		32°30'S	14°06'W
	Depth 695 fathoms enclosed by dashed-line circle		33°42'S	14°19'W
	Depth 475 fathoms enclosed by dashed-line circle		34°38'S	15°18'W
	(NTM0011/2007)			
<b>211</b>	5Ed. 1/13/96	LAST NM 26/07		40/07
Substitute	Depth 60 fathoms enclosed by dotted-line circle for 954 fathoms		53°20'S	44°47'W
Add	Depth 883 fathoms		53°12'S	48°16'W
	Depth 1029 fathoms		55°38'S	43°11'W
	Depth 560 fathoms		53°10'S	49°58'W
	(NTM0011/2007)			
<b>211</b>	5Ed. 1/13/96	LAST NM 40/07		41/07
Delete	Depth 1181 fathoms		54°35'S	0°55'E
	Depth 602 fathoms		53°59'S	3°15'E
Substitute	Depth 156 fathoms for 247 fathoms		54°50'S	0°05'E
Add	Depth 596 fathoms		46°53'S	7°44'E
	Depth 861 fathoms		45°48'S	0°12'E
	Depth 1033 fathoms		47°13'S	6°57'E
	Depth 325 fathoms		48°21'S	7°43'E
	Depth 913 fathoms		47°22'S	8°37'E
	Depth 306 fathoms		47°53'S	9°00'E
	Depth 394 fathoms		47°16'S	9°33'E
	Depth 335 fathoms		48°22'S	9°29'E
	Depth 519 fathoms		54°15'S	1°38'E
	Depth 725 fathoms		55°06'S	3°45'E
	Depth 703 fathoms		55°25'S	6°05'E
	Depth 416 fathoms		53°15'S	9°59'E
	Depth 323 fathoms		54°42'S	0°41'E
	Depth 281 fathoms		53°52'S	3°18'E
	(NTM0011/2007)			
<b>211</b>	5Ed. 1/13/96	LAST NM 41/07		46/07
Substitute	Depth 347 fathoms for 636 meters		47°17'S	9°02'W
	Depth 390 fathoms for 714 meters		46°36'S	7°17'W
	Depth 318 fathoms for 582 meters		43°57'S	1°40'W
Add	Depth 753 fathoms		52°31'S	2°03'E
	Depth 881 fathoms		52°07'S	3°10'E
	Depth 529 fathoms		49°40'S	5°35'E
	Depth 514 fathoms		49°42'S	6°36'E
	Depth 399 fathoms		50°57'S	1°00'E
	Depth 569 fathoms		50°56'S	2°35'E
	Depth 656 fathoms		50°43'S	3°53'E
	Depth 687 fathoms		51°33'S	4°12'E
	Depth 427 fathoms		49°03'S	7°58'E
	Depth 637 fathoms		50°28'S	5°17'E
	Depth 802 fathoms		50°38'S	10°03'E
	Depth 519 fathoms		37°26'S	2°30'W
	Depth 559 fathoms		37°53'S	7°05'W
	Depth 439 fathoms		38°36'S	9°55'W
	Depth 622 fathoms		35°08'S	6°56'W
	Depth 646 fathoms		35°48'S	0°53'W
	Depth 534 fathoms		36°23'S	7°38'W
	Depth 963 fathoms		44°58'S	3°38'E
	Depth 514 fathoms		41°48'S	1°55'E
	Depth 1003 fathoms		41°31'S	2°27'E
	Depth 1011 fathoms		43°08'S	7°40'E
	Depth 1084 fathoms		42°37'S	9°52'E
	Depth 774 fathoms		45°07'S	4°12'W

(continued on next page)





<b>211</b>	5Ed. 1/13/96 LAST NM 10/11	26/11			
	Add Wreck [K29]	50°16'S 58°13'W			
	(4(47)08 Buenos Aires)				
<b>211</b>	5Ed. 1/13/96 LAST NM 26/11	27/11			
	Substitute Depth 18 fathoms for 573 fathoms	56°58'S 26°38'W			
	(19(250)05 Buenos Aires)				
<b>211</b>	5Ed. 1/13/96 LAST NM 27/11	8/12			
	Delete Superbuoy ODAS	43°50'S 59°40'W			
	(12(189)09 Buenos Aires)				
<b>211</b>	5Ed. 1/13/96 LAST NM 8/12	25/12			
	Delete R Bn at light	34°40'S 54°10'W			
	(Uru LL)				
<b>★211</b>	5Ed. 1/13/96 LAST NM 25/12	13/13			
	Delete Danger circle "Shoal rep (2007)"	34°29'S 5°00'W			
	(NTM0005/2013)				
<b>211</b>	5Ed. 1/13/96 LAST NM 13/13	34/13			
	Delete Shoal "rep (2007)" area in vicinity	32°59'S 2°39'W			
	Depth 420 fathoms	33°04'S 2°43'W			
	Depth 228 fathoms "Rep (2007)"	34°30'S 3°52'W			
	Depth 304 fathoms "Rep (2007)"	34°49'S 4°25'W			
	Add Depth 272 fathoms	33°04'S 2°46'W			
	(NTM0005/2013)				
<b>211</b>	5Ed. 1/13/96 LAST NM 34/13	18/17			
	Delete Depth 269 fathoms "Rep (2007)"	32°02'S 32°47'W			
	Add Depth 418 fathoms	32°03'S 32°45'W			
	(NTM0004/2017)				
<b>★301</b>	1Ed. 3/2/85 NEW CHART	19/85			
	Relocate R Bn (AERO) close N to	41°48.8'N 12°14.3'E			
	Substitute Light with legend "Wellhead"				
	for danger circle "Well"	37°30.00'N 11°54.5'E			
	(DMAHTC; 1(47)83 Taunton; 22(5)84 Genova)				
<b>301 (INT 301)</b>	1Ed. 3/2/85 LAST NM 19/85	21/85			
	Delete Depth 392 meters	36°01.8'N 4°37.0'W			
	(12(834)85 Taunton)				
<b>301 (INT 301)</b>	1Ed. 3/2/85 LAST NM 21/85	34/85			
	Delete R Bn at light	44°01'N 9°51'E			
	R Bns (AERO)	40°35'N 8°15'E			
		38°03'N 13°11'E			
	Add R Bn at light	43°31'N 10°20'E			
	(11(1)85 Genova; US RA; 25(1656)85 Taunton)				
<b>301 (INT 301)</b>	1Ed. 3/2/85 LAST NM 34/85	41/85			
	Delete Danger circle "Obstr" and buoy	33°50'N 12°03'E			
	in vicinity				
	(34(3597)85 Hamburg)				
<b>301 (INT 301)</b>	1Ed. 3/2/85 LAST NM 41/85	43/85			
	Delete Depth 179 meters	36°07.5'N 3°38.0'W			
	(35(2324)85 Taunton)				
<b>301 (INT 301)</b>	1Ed. 3/2/85 LAST NM 43/85	38/86			
	Delete R Bn at light	35°56'N 3°01'W			
	(MCNM7809/86)				
<b>301 (INT 301)</b>	1Ed. 3/2/85 LAST NM 38/86	13/87			
	Add R Bn at light	42°08.0'N 11°47.0'E			
	(24(39)84 Genova)				
<b>301 (INT 301)</b>	1Ed. 3/2/85 LAST NM 13/87	13/90			
	Delete R Bn at light	43°34'N 7°10'E			
	Substitute Depths				
	140 meters for 173 meters	38°54'N 9°44'E			
	133 meters for 161 meters	38°45'N 9°34'E			
	(49(36), 50(34)89 Brest)				
<b>301 (INT 301)</b>	1Ed. 3/2/85 LAST NM 13/90	22/90			
	Delete R Bn at light	41°20'N 9°15'E			
	(5(33)90 Brest)				
<b>301 (INT 301)</b>	1Ed. 3/2/85 LAST NM 22/90	27/90			
	Delete R Bn	36°49'N 11°58'E			
	Add R Bn at light	36°48'N 12°02'E			
	(2(3)90 Genova)				
<b>301 (INT 301)</b>	1Ed. 3/2/85 LAST NM 27/90	34/90			
	Delete R Bn at light	41°34'N 8°48'E			
	(14(31)90 Brest)				
<b>301 (INT 301)</b>	1Ed. 3/2/85 LAST NM 34/90	42/90			
	Delete Depth 292 meters	43°44'N 8°19'E			
	(22(26)90 Brest)				
<b>301 (INT 301)</b>	1Ed. 3/2/85 LAST NM 42/90	46/91			
	Delete Depth 100 meters	41°52'N 10°38'E			
	Substitute Depth 33 meters for 31 meters	41°06'N 10°54'E			
	Add Depth 274 meters	41°51'N 10°35'E			
	(14(2)91 Genova)				
<b>301 (INT 301)</b>	1Ed. 3/2/85 LAST NM 46/91	37/92			
	Delete R Bn at lights	43°11'N 5°13'E			
		41°36'N 9°21'E			
		36°57'N 7°47'E			
		37°05'N 6°29'E			
	(BA RA)				
<b>301 (INT 301)</b>	1Ed. 3/2/85 LAST NM 37/92	44/92			
	Delete R Bns (AERO)	39°26'N 0°22'W			
		39°41'N 0°13'W			
		41°49'N 12°14'E			
		35°52'N 14°32'E			
		36°49'N 5°52'E			
		36°36'N 2°11'E			
		35°11'N 2°55'W			
	(BA RA)				
<b>301 (INT 301)</b>	1Ed. 3/2/85 LAST NM 44/92	35/93			
	Delete R Bn (AERO)	43°56'N 15°10'E			
	(BA RA)				
<b>301 (INT 301)</b>	1Ed. 3/2/85 LAST NM 35/93	8/94			
	Delete R Bn (AERO) at light	36°55'N 3°54'E			
	(BA RA)				
<b>301 (INT 301)</b>	1Ed. 3/2/85 LAST NM 8/94	10/94			
	Delete R Bn at light	43°01'N 9°24'E			
		42°35'N 8°43'E			
	(50(30)93 Brest)				
<b>301 (INT 301)</b>	1Ed. 3/2/85 LAST NM 10/94	27/97			
	Delete R Bn at light	43°24'N 3°42'E			
	(BA RA)				
<b>301 (INT 301)</b>	1Ed. 3/2/85 LAST NM 27/97	45/98			
	Add Platform SPM	40°55'N 18°20'E			
	(25(4)97 Genova)				
<b>301 (INT 301)</b>	1Ed. 3/2/85 LAST NM 45/98	36/99			
	Delete Depth 268 meters	36°22'N 4°00'W			
	Add Depth 230 meters	36°23'N 3°59'W			
	Depth 259 meters	36°12'N 3°44'W			
	Depth 749 meters	36°05'N 3°42'W			
	(Spn CH 45A)				
<b>301 (INT 301)</b>	1Ed. 3/2/85 LAST NM 36/99	3/00			
	Delete Platform	36°36'N 11°43'E			
	(30(16)99 Brest)				
<b>301 (INT 301)</b>	1Ed. 3/2/85 LAST NM 22/00	37/01			
	Delete R Bn at light	36°48'N 12°02'E			
	(NTM0001/2001)				

<b>301</b> (INT 301)	1Ed. 3/2/85	LAST NM 37/01	14/03	
Delete	R Bn at light		42°59'N 6°12'E	
	R Bn at light		42°31'N 3°08'E	
	(33(18, 19)00 Brest)			
<b>301</b> (INT 301)	1Ed. 3/2/85	LAST NM 14/03	21/03	
Delete	R Bn at light		36°11'N 6°00'W	
	(6(102)03 Cadiz)			
<b>301</b> (INT 301)	1Ed. 3/2/85	LAST NM 21/03	24/03	
Delete	R Bn at light		44°24'N 8°54'E	
	(1(4)03 Genova)			
<b>301</b> (INT 301)	1Ed. 3/2/85	LAST NM 24/03	35/04	
Delete	R Bn at light		40°32'N 14°11'E	
	(Ital LL)			
<b>301</b> (INT 301)	1Ed. 3/2/85	LAST NM 35/04	46/04	
Delete	R Bn at light		36°00'N 5°36'W	
	(Spn LL)			
<b>301</b> (INT 301)	1Ed. 3/2/85	LAST NM 46/04	38/05	
Delete	R Bn at light		36°48'N 3°14'E	
	R Bn at light		36°48'N 2°58'E	
	(BA LL)			
<b>301</b> (INT 301)	1Ed. 3/2/85	LAST NM 38/05	39/05	
Delete	R Bn at light		35°52'N 0°29'W	
	R Bn		42°27'N 18°26'E	
	(BA LL; Croa LL)			
<b>301</b> (INT 301)	1Ed. 3/2/85	LAST NM 39/05	40/05	
Delete	R Bn		37°38'N 0°41'W	
	(Spn LL)			
<b>301</b> (INT 301)	1Ed. 3/2/85	LAST NM 40/05	20/06	
Delete	R Bn (AERO) at light		36°06'N 5°18'W	
	R Bn at light		35°47'N 5°56'W	
	R Bn at light		36°43'N 4°25'W	
	R Bn at light		36°45'N 2°12'W	
	R Bn (AERO)		38°17'N 0°33'W	
	RD at light		35°53'N 5°16'W	
	R Bn		38°43'N 0°14'E	
	R Bn		39°58'N 0°02'E	
	R Bn at light		41°04'N 1°10'E	
	R Bn (AERO)		41°13'N 1°42'E	
	R Bn		41°21'N 2°08'E	
	R Bn at light		41°54'N 3°12'E	
	(40(400)05 Cadiz; Spn LL)			
<b>301</b> (INT 301)	1Ed. 3/2/85	LAST NM 20/06	21/06	
Delete	R Bn at light		36°33'N 1°22'E	
	(BA LL)			
<b>301</b> (INT 301)	1Ed. 3/2/85	LAST NM 21/06	20/08	
Delete	R Bn from light		44°46'N 13°55'E	
	R Bn		43°30'N 15°58'E	
	(1(3)08 Split)			
<b>301</b> (INT 301)	1Ed. 3/2/85	LAST NM 20/08	33/08	
Add	Submarine cable [L30.1] joining		43°46'N 7°30'E	
			43°33'N 7°37'E	
			43°03'N 9°29'E	
			42°42'N 9°37'E	
			42°40'N 9°27'E	
	Submarine cable [L30.1] joining		42°42'N 9°37'E	
			42°31'N 9°44'E	
			42°10'N 9°42'E	
			41°57'N 9°35'E	
			41°56'N 9°25'E	
	(13(26)07 Brest)			
<b>301</b> (INT 301)	1Ed. 3/2/85	LAST NM 33/08	4/09	
Add	Depth 30 meters [14]		37°01'N 11°51'E	
	Depth 28 meters [14]		37°23'N 12°51'E	
	Depth 80 meters [14]		35°28'N 14°13'E	
	(BA CH 176)			
<b>301</b> (INT 301)	1Ed. 3/2/85	LAST NM 4/09	16/09	
Add	Depth 146 meters, blue tint and enclosing depth contour (200-meter) centered		36°48'N 13°25'E	
	(Ital CH 340)			
<b>301</b> (INT 301)	1Ed. 3/2/85	LAST NM 16/09	37/09	
Delete	R Bn		43°43'N 13°13'E	
	(9(6)09 Genova)			
<b>301</b> (INT 301)	1Ed. 3/2/85	LAST NM 37/09	39/09	
Add	Depth 192 meters, blue tint and enclosing depth contour (200-meter) centered		36°32'N 14°16'E	
	Depth 97 meters, blue tint and enclosing depth contour (200-meter) centered		36°42'N 14°19'E	
	(4(299)06 Taunton)			
<b>301</b> (INT 301)	1Ed. 3/2/85	LAST NM 39/09	25/11	
Delete	R Bn		37°13'N 15°11'E	
	(Ital CH 271)			
<b>301</b> (INT 301)	1Ed. 3/2/85	LAST NM 25/11	26/11	
Delete	R Bn from light		45°38'N 13°46'E	
	R Bn from light		44°58'N 12°31'E	
	R Bn from light		42°57'N 13°53'E	
	R Bn from light		42°09'N 14°43'E	
	R Bn from light		41°54'N 16°11'E	
	R Bn from light		39°47'N 18°22'E	
	R Bn from light		40°24'N 17°13'E	
	R Bn from light		38°36'N 15°50'E	
	R Bn from light		38°11'N 12°44'E	
	R Bn from light		36°40'N 15°08'E	
	(Ital CH 340)			
<b>301</b> (INT 301)	1Ed. 3/2/85	LAST NM 26/11	4/12	
Delete	R Bn		37°20'N 9°53'E	
	(Fr CH 4198)			
<b>301</b> (INT 301)	1Ed. 3/2/85	LAST NM 4/12	8/12	
Add	Depth 593 meters		38°50'N 0°43'E	
	(48(29)10 Brest)			
<b>301</b> (INT 301)	1Ed. 3/2/85	LAST NM 8/12	13/12	
Substitute	Depth 167 meters for 174 meters		38°38'N 0°57'E	
	(43(23)11 Brest)			
<b>301</b> (INT 301)	1Ed. 3/2/85	LAST NM 13/12	39/14	
Delete	Depth 162 meters, blue tint and enclosing depth contour (200-meter) in vicinity		39°50'N 2°17'E	
	(18(136)13 Cadiz)			
<b>301</b> (INT 301)	1Ed. 3/2/85	LAST NM 39/14	15/15	
Delete	R Bn from light		39°48'N 4°17'E	
	R Bn from light		39°28'N 2°32'E	
	AERO R Bn		38°56'N 1°27'E	
	(20(134)08 Cadiz)			
<b>301</b> (INT 301)	1Ed. 3/2/85	LAST NM 15/15	30/15	
Delete	AERO R Bn from light		39°25'N 3°16'E	
	(50(334)08 Cadiz)			
<b>301</b> (INT 301)	1Ed. 3/2/85	LAST NM 30/15	18/17	
Delete	Depth 159 meters, blue tint and enclosing depth contour (200-meter) in vicinity		38°03'N 0°07'E	
	Substitute Depth 99 meters for 84 meters		37°36'N 0°02'W	
	(46(309)09 Cadiz)			
<b>301</b> (INT 301)	1Ed. 3/2/85	LAST NM 18/17	40/17	
Delete	Depth 181 meters, blue tint and enclosing depth contour (200-meter) in vicinity		41°00'N 1°54'E	
	Add Depth 717 meters		41°00'N 1°55'E	
	(24(76)14 Brest)			
<b>★302</b> (INT 302)	1Ed. 5/7/83	NEW CHART	29/83	
Delete	R Bn (AERO)		38°45'N 16°22'E	
			32°05'N 20°16'E	
			32°47'N 21°58'E	
	(DMAHTC)			

<b>302</b> (INT 302)	1Ed. 5/7/83	LAST NM 29/83	31/83
Add Depth 49 meters		43°02'N 16°26'E	
(6(43)83 Split)			
<b>302</b> (INT 302)	1Ed. 5/7/83	LAST NM 31/83	41/83
Substitute Depth 32 meters for 66 meters		38°18'50"N 23°56'00"E	
(5(127)83 Athens)			
<b>302</b> (INT 302)	1Ed. 5/7/83	LAST NM 41/83	50/83
Delete Depth 115 meters		40°12'N 25°27'E	
Add Depth 100 meters		41°50.7'N 10°35.5'E	
(17(1)83 Genova; NVS7120/83)			
<b>302</b> (INT 302)	1Ed. 5/7/83	LAST NM 50/83	9/84
Delete R Bn (AERO)		38°06'N 21°24'E	
(3(149)84 Taunton)			
<b>302</b> (INT 302)	1Ed. 5/7/83	LAST NM 9/84	12/84
Delete Depths			
99 meters		35°15'N 22°51'E	
100 meters		35°40'N 22°08'E	
100 meters		35°45'N 21°57'E	
(NVS7211/84)			
<b>302</b> (INT 302)	1Ed. 5/7/83	LAST NM 12/84	14/84
Delete Depth 300 meters		41°50.7'N 10°35.5'E	
(See 50/83-302)			
(17(1)83 Genova)			
<b>302</b> (INT 302)	1Ed. 5/7/83	LAST NM 14/84	25/84
Delete Depth 29 meters		35°45'N 27°55'E	
(11(316)83 Athens)			
<b>302</b> (INT 302)	1Ed. 5/7/83	LAST NM 25/84	31/84
Delete Depth 18 meters		38°02'N 10°43'E	
(24(31)84 Brest)			
<b>302</b> (INT 302)	1Ed. 5/7/83	LAST NM 31/84	17/85
Substitute Light symbol for danger circle		37°30.0'N 11°54.0'E	
Note: Legend "Wellhead" remains			
(22(5)84 Genova)			
<b>302</b> (INT 302)	1Ed. 5/7/83	LAST NM 17/85	28/85
Add Depth 146 meters (ED)		36°48'N 13°23'E	
(HNNM7486/85)			
<b>302</b> (INT 302)	1Ed. 5/7/83	LAST NM 28/85	34/85
Delete R Bn (AERO)		38°02'N 13°11'E	
(25(1662)85 Taunton)			
<b>302</b> (INT 302)	1Ed. 5/7/83	LAST NM 34/85	41/85
Delete Dotted-line circle "Obstr" and buoy			
in vicinity		33°50'N 12°03'E	
(34(3597)85 Hamburg)			
<b>302</b> (INT 302)	1Ed. 5/7/83	LAST NM 41/85	40/86
Delete R Bn (AERO)		31°35'N 31°00'E	
(BA RA)			
<b>302</b> (INT 302)	1Ed. 5/7/83	LAST NM 40/86	13/87
Add R Bn at light		42°08.0'N 11°48.0'E	
(24(39)84 Genova)			
<b>302</b> (INT 302)	1Ed. 5/7/83	LAST NM 13/87	22/87
Delete R Bn (AERO)		30°53'N 20°05'E	
(DMAHTC)			
<b>★302</b> (INT 302)	1Ed. 5/7/83	LAST NM 22/87	17/88
Delete R Bn (AERO)		39°04'N 26°36'E	
(MCNM7988/87)			
<b>302</b> (INT 302)	1Ed. 5/7/83	LAST NM 17/88	33/88
Delete R Bn (AERO)		31°10'N 29°56'E	
(MCNM7988/87)			
<b>302</b> (INT 302)	1Ed. 5/7/83	LAST NM 33/88	21/90
Delete R Bn at light		41°14'N 29°07'E	
(2(4)90 Istanbul)			
<b>302</b> (INT 302)	1Ed. 5/7/83	LAST NM 21/90	36/91
Add R Bn		31°09'N 29°50'E	
(27(1947)91 Taunton)			
<b>302</b> (INT 302)	1Ed. 5/7/83	LAST NM 36/91	37/91
Add R Bn at light		31°28'N 30°20'E	
(BA LL)			
<b>302</b> (INT 302)	1Ed. 5/7/83	LAST NM 37/91	46/91
Substitute Depth 33 meters for 31 meters		41°06'N 10°54'E	
Add Depth 274 meters		41°51'N 10°35'E	
(14(2)91 Genova)			
<b>302</b> (INT 302)	1Ed. 5/7/83	LAST NM 46/91	51/91
Add Light symbol and R Bn		30°57'N 28°49'E	
(29(2081)91 Taunton)			
<b>302</b> (INT 302)	1Ed. 5/7/83	LAST NM 51/91	52/91
Add R Bn at light		31°16'N 32°18'E	
(30(2160)91 Taunton)			
<b>302</b> (INT 302)	1Ed. 5/7/83	LAST NM 52/91	1/92
Add R Bn at lights		31°31'N 31°51'E	
(32(2321)91 Taunton)		31°36'N 31°05'E	
<b>302</b> (INT 302)	1Ed. 5/7/83	LAST NM 1/92	31/92
Delete R Bn (AERO) at light		35°20'N 25°10'E	
(12(866)92 Taunton)			
<b>302</b> (INT 302)	1Ed. 5/7/83	LAST NM 31/92	44/92
Delete R Bns (AERO)		41°49'N 12°16'E	
		35°53'N 14°32'E	
		40°51'N 25°56'E	
		31°10'N 16°27'E	
(BA RA)			
<b>302</b> (INT 302)	1Ed. 5/7/83	LAST NM 44/92	22/93
Delete R Bn		33°30.0'N 35°20.5'E	
(BA RA)			
<b>302</b> (INT 302)	1Ed. 5/7/83	LAST NM 22/93	53/94
Delete Depth 18 meters		35°50'N 34°47'E	
(47(3938)94 Taunton)			
<b>302</b> (INT 302)	1Ed. 5/7/83	LAST NM 53/94	5/98
Delete R Bn (AERO)		31°02'N 28°27'E	
(36(3248)97 Taunton)			
<b>302</b> (INT 302)	1Ed. 5/7/83	LAST NM 5/98	45/98
Add Platform SPM		40°55'N 18°20'E	
(25(4)97 Genova)			
<b>302</b> (INT 302)	1Ed. 5/7/83	LAST NM 45/98	37/01
Delete R Bn at light		36°49'N 11°58'E	
(NTM0001/2001)			
<b>302</b> (INT 302)	1Ed. 5/7/83	LAST NM 37/01	41/01
Delete Depth 46 meters		36°34'N 35°56'E	
(23(137)01 Istanbul)			
<b>302</b> (INT 302)	1Ed. 5/7/83	LAST NM 41/01	42/01
Delete R Bn (AERO) (PA)		36°53'N 30°48'E	
(BA RA)			
<b>302</b> (INT 302)	1Ed. 5/7/83	LAST NM 42/01	2/03
Delete Depth 14.6 meters, blue tint and enclosing dotted line		36°12'N 34°45'E	
Depth 51 meters, blue tint and enclosing dotted line		36°14'N 34°36'E	
(NTM0046/2002)			

302 (INT 302) Delete R Bn at light (Ital LL)	1Ed. 5/7/83	LAST NM 2/03	35/04 40°32'N 14°11'E	R Bn from light (Ital CH 340)	36°40'N 15°08'E
302 (INT 302) Delete RBn from light (BA LL)	1Ed. 5/7/83	LAST NM 35/04	28/05 43°22'N 28°28'E	302 (INT 302) Delete R Bn from light (Isr CH 305)	34/11 32°50'N 34°58'E
302 (INT 302) Delete R Bn (Croatia LL)	1Ed. 5/7/83	LAST NM 28/05	39/05 42°27'N 18°26'E	302 (INT 302) Add Depth 20 meters "Rep (2011)" [I4] (45(37)11 Brest)	13/12 30°35'N 19°00'E
302 (INT 302) Delete Depth 91 meters, blue tint and enclosing danger circle centered	1Ed. 5/7/83	LAST NM 39/05	45/05 35°35'N 29°18'E	302 (INT 302) Delete AERO R Bn (20(134)08 Cadiz)	15/15 36°24'N 28°10'E
Add Depth 680 meters (36(4256)05 Taunton)			35°26'N 30°10'E	302 (INT 302) Add Depth 671 meters and extend depth contour (1000-meter) WNW to enclose (NTM0003/2016)	33/16 41°31'N 30°15'E
302 (INT 302) Delete R Bn at light (BA LL)	1Ed. 5/7/83	LAST NM 45/05	5/07 41°13'N 30°15'E	302 (INT 302) Delete Light (3(416)19 Taunton)	30/19 31°28'N 30°20'E
302 (INT 302) Delete R Bn (1(3)08 Split)	1Ed. 5/7/83	LAST NM 5/07	20/08 43°31'N 15°58'E	★310 20Ed. 12/29/79 NEW EDITION (DMAHTC)	12/80
302 (INT 302) Substitute Depth 27 meters for 26 meters Note: Dotted line circle remains (8(165)07 Athens)	1Ed. 5/7/83	LAST NM 20/08	47/08 36°15'N 26°38'E	310 20Ed. 12/29/79 LAST NM 12/80 Substitute Depth 854 meters for 178 meters (NVS6198/80)	35/80 35°45'N 23°27'E
302 (INT 302) Delete Depth 80 meters, blue tint and enclosing depth contour (200-meter) centered Depth 130 meters, blue tint and enclosing dotted-line circle centered	1Ed. 5/7/83	LAST NM 47/08	48/08 39°42'N 24°33'E 39°31'N 24°46'E	310 20Ed. 12/29/79 LAST NM 35/80 Add Depths 62 meters "Rep (1981)" 68 meters "Rep (1981)" (14(777)81 Taunton)	24/81 37°28'N 10°43'E 37°16'N 11°34'E
Add Depth 401 meters Depth 306 meters (12(252, 253)06 Athens)			39°43'N 24°32'E 39°31'N 24°46'E	★310 20Ed. 12/29/79 LAST NM 24/81 Delete Depths 13 meters 150 meters 24 meters 9 meters  Add Depth 750 meters (NVS6431/81)	28/81 42°46'N 3°58'E 41°14'N 10°26'E 39°33'N 18°34'E 31°22'N 29°08'E  41°14'N 10°26'E
302 (INT 302) Delete Depth 35 meters (12(254)06 Athens)	1Ed. 5/7/83	LAST NM 48/08	1/09 39°29'N 25°11'E	310 20Ed. 12/29/79 LAST NM 28/81 Delete R Bn  (AERO) (US RA)	19/82 31°39'N 34°37'E 32°11'N 34°50'E 33°50'N 35°30'E
302 (INT 302) Add Depth 30 meters [I4] Depth 28 meters [I4] Depth 80 meters [I4] (BA CH 176)	1Ed. 5/7/83	LAST NM 1/09	4/09 37°01'N 11°51'E 37°23'N 12°51'E 35°28'N 14°13'E	310 20Ed. 12/29/79 LAST NM 19/82 Add R Bn (AERO) (PA) (20(176)82 Istanbul)	42/82 36°53'N 30°47'E
302 (INT 302) Substitute Depth 136 meters for 144 meters (4(121)02 Athens)	1Ed. 5/7/83	LAST NM 4/09	30/09 39°57'N 24°40'E	310 20Ed. 12/29/79 LAST NM 42/82 Add Depth 60 meters (35(2127)82 Taunton)	49/82 39°31.7'N 15°33.9'E
302 (INT 302) Add Depth 192 meters, blue tint and enclosing depth contour (200-meter) centered Depth 97 meters, blue tint and enclosing depth contour (200-meter) centered (4(299)06 Taunton)	1Ed. 5/7/83	LAST NM 30/09	39/09 36°32'N 14°16'E 36°42'N 14°19'E	310 20Ed. 12/29/79 LAST NM 49/82 Relocate R Bn (AERO) close NNW to (1(47)83 Taunton)	17/83 41°48'N 12°17'E
302 (INT 302) Delete R Bn (UKHO ARCS 302-0)	1Ed. 5/7/83	LAST NM 39/09	8/11 31°09'N 29°50'E	310 20Ed. 12/29/79 LAST NM 17/83 Add R Bn (AERO) (BA RA)	25/83 44°53'N 13°45'E
302 (INT 302) Delete R Bn from light R Bn from light R Bn from light R Bn from light R Bn from light R Bn from light R Bn from light	1Ed. 5/7/83	LAST NM 25/11	26/11 42°57'N 13°54'E 42°10'N 14°43'E 41°54'N 16°10'E 39°48'N 18°22'E 40°25'N 17°13'E 38°37'N 15°50'E 38°11'N 12°44'E		

310	20Ed. 12/29/79	LAST NM 25/83	29/83		310	20Ed. 12/29/79	LAST NM 21/90	34/90
Delete	R Bn at lights		42°26'N 11°08'E		Delete	R Bn at light	(14(31)90 Brest)	41°32'N 8°47'E
			38°43'N 13°12'E					
			42°00'N 15°00'E					
			40°01'N 15°17'E		310	20Ed. 12/29/79	LAST NM 34/90	6/91
			39°02'N 17°12'E		Delete	R Bn at light		32°55'N 35°05'E
			37°56'N 16°04'E		Add	R Bn at light	(3/90 Haifa)	32°50'N 34°58'E
Add	R Bn at light		38°11'N 12°44'E					
(BA RA)								
310	20Ed. 12/29/79	LAST NM 29/83	42/83		310	20Ed. 12/29/79	LAST NM 6/91	36/91
Add	R Bn (AERO)		42°43.7'N 10°23.9'E		Add	R Bn	(27(1947)91 Taunton)	31°09'N 29°50'E
(BA RA)								
310	20Ed. 12/29/79	LAST NM 42/83	50/83		310	20Ed. 12/29/79	LAST NM 36/91	37/91
Add	Depth 100 meters		41°51'N 10°36'E		Add	R Bn at light	(BA LL; BA RA)	31°29'N 30°21'E
(17(1)83 Genova)								
310	20Ed. 12/29/79	LAST NM 50/83	22/84		310	20Ed. 12/29/79	LAST NM 37/91	46/91
Delete	R Bn at light		36°46'N 5°07'E		Substitute	Depth 274 meters for 100 meters	(14(2)91 Genova)	41°50.7'N 10°35.5'E
(11(46)84 Brest)								
310	20Ed. 12/29/79	LAST NM 22/84	23/84		310	20Ed. 12/29/79	LAST NM 46/91	51/91
Delete	Depth				Add	Light symbol and R Bn	(29(2081)91 Taunton)	30°57'N 28°49'E
	99 meters (ED)		35°15'N 22°52'E					
	100 meters (ED)		35°40'N 22°09'E					
	100 meters (ED)		35°47'N 21°54'E					
(NVS7211/84)								
310	20Ed. 12/29/79	LAST NM 23/84	25/84		310	20Ed. 12/29/79	LAST NM 52/91	1/92
Delete	Depth 30 meters		35°44'N 27°53'E		Add	R Bn at lights	(32(2321)91 Taunton)	31°16'N 32°18'E
Add	Depth 91 meters "Rep (1974)" (PA)		35°35.0'N 29°18.0'E					
(41/74, 12(316)83 Athens; Gr CH 45)								
310	20Ed. 12/29/79	LAST NM 25/84	26/84		310	20Ed. 12/29/79	LAST NM 1/92	37/92
Substitute	Depth 229 meters for 278 meters		38°39'N 14°02'E		Delete	R Bn at lights		43°10'N 5°16'E
(20(20)84 Brest)								41°34'N 9°23'E
								36°57'N 7°47'E
310	20Ed. 12/29/79	LAST NM 26/84	28/85		(BA RA)			
Add	Depth 146 meters (ED)		36°48'N 13°23'E					
(HNNM7486/85)								
310	20Ed. 12/29/79	LAST NM 28/85	33/85		310	20Ed. 12/29/79	LAST NM 37/92	44/92
Add	R Bn at light		43°33'N 10°17'E		Delete	R Bns (AERO)		41°48'N 12°17'E
(10(5)85 Genova)								35°50'N 14°33'E
								31°12'N 16°40'E
310	20Ed. 12/29/79	LAST NM 33/85	34/85					39°27'N 0°20'W
Delete	R Bn at lights		44°01'N 9°52'E			R Bn (AERO) at lights		35°26'N 2°59'W
(11(1)85 Genova; US RA)			40°34'N 8°10'E		(BA RA)			
310	20Ed. 12/29/79	LAST NM 34/85	37/86		310	20Ed. 12/29/79	LAST NM 44/92	22/93
Add	Depth 157 meters enclosed by				Delete	R Bn		33°30.0'N 35°20.5'E
(MCNM7802/86)	depth contour (200-meter)		36°50'N 7°28'W		(BA RA)			
310	20Ed. 12/29/79	LAST NM 37/86	38/86		310	20Ed. 12/29/79	LAST NM 22/93	8/94
Delete	R Bn at light		35°56'N 3°02'W		Delete	R Bn (AERO) at light		36°55'N 3°54'E
(MCNM7809/86)					(BA RA)			
310	20Ed. 12/29/79	LAST NM 38/86	33/88		310	20Ed. 12/29/79	LAST NM 8/94	10/94
Delete	R Bn (AERO)		31°13'N 29°56'E		Delete	R Bn at light		43°02'N 9°25'E
(MCNM7988/87)								42°35'N 8°44'E
					(50(30)93 Brest)			
310	20Ed. 12/29/79	LAST NM 33/88	13/90		310	20Ed. 12/29/79	LAST NM 10/94	27/97
Delete	R Bn at light		43°32'N 7°08'E		Delete	R Bn at light		43°22'N 3°38'E
					(BA RA)			
Substitute	Depths				310	20Ed. 12/29/79	LAST NM 27/97	45/98
	140 meters for 173 meters		38°53'N 9°45'E		Add	Platform SPM		40°55'N 18°20'E
	133 meters for 161 meters		38°42'N 9°35'E		(25(4)97 Genova)			
(49(36), 50(34)89 Brest)								
310	20Ed. 12/29/79	LAST NM 13/90	21/90		310	20Ed. 12/29/79	LAST NM 22/00	23/01
Delete	R Bn at light		41°14'N 29°07'E		Add	R Bn [S10]		43°30'N 15°58'E
(2(4)90 Istanbul)					(1(4)01 Split)			

<b>310</b>	20Ed. 12/29/79 LAST NM 23/01	37/01	
Delete	R Bn at light	36°49'N 11°58'E	
	(NTM0001/2001)		
<b>310</b>	20Ed. 12/29/79 LAST NM 37/01	38/01	
Add	R Bn (AERO) [S16]	35°31'N 24°10'E	
	(Gr CH 433/1)		
<b>310</b>	20Ed. 12/29/79 LAST NM 38/01	42/01	
Delete	R Bn (AERO) (PA)	36°53'N 30°47'E	
	(BA RA)		
<b>310</b>	20Ed. 12/29/79 LAST NM 42/01	2/03	
Delete	Depth 15 meters (ED), blue tint and enclosing		
	depth contour	36°10'N 34°47'E	
	Depth 51 meters (ED), blue tint and enclosing		
	depth contour	36°12'N 34°37'E	
	Depth 110 meters (ED), blue tint and enclosing		
	depth contour	36°15'N 34°45'E	
	Depth 52 meters (ED), blue tint and enclosing		
	depth contour	36°13'N 34°32'E	
	(NTM0046/2002)		
<b>310</b>	20Ed. 12/29/79 LAST NM 2/03	14/03	
Delete	R Bn at light	42°59'N 6°12'E	
	R Bn at light	42°31'N 3°08'E	
	(33(18, 19)00 Brest)		
<b>310</b>	20Ed. 12/29/79 LAST NM 14/03	21/03	
Delete	R Bn at light	36°12'N 6°02'W	
	(6(102)03 Cadiz)		
<b>310</b>	20Ed. 12/29/79 LAST NM 21/03	24/03	
Delete	R Bn at light	44°24'N 8°54'E	
	(1(4)03 Genova)		
<b>310</b>	20Ed. 12/29/79 LAST NM 24/03	52/03	
Delete	R Bn at light	45°01'N 35°26'E	
	R Bn at light	45°04'N 36°23'E	
	(26(4128, 4129)03 St. Petersburg)		
<b>310</b>	20Ed. 12/29/79 LAST NM 52/03	6/04	
Delete	R Bn at light	45°16'N 30°12'E	
	(41(6631)03 St. Petersburg)		
<b>310</b>	20Ed. 12/29/79 LAST NM 6/04	35/04	
Delete	R Bn at light	40°32'N 14°12'E	
	(Ital LL)		
<b>310</b>	20Ed. 12/29/79 LAST NM 35/04	42/04	
Delete	R Bn at light	46°23'N 30°46'E	
	(13(1869)04 St. Petersburg)		
<b>310</b>	20Ed. 12/29/79 LAST NM 42/04	46/04	
Delete	R Bn at light	36°00'N 5°36'W	
	(Spn LL)		
<b>310</b>	20Ed. 12/29/79 LAST NM 46/04	28/05	
Delete	RBn from light	43°22'N 28°28'E	
	(BA LL)		
<b>310</b>	20Ed. 12/29/79 LAST NM 28/05	38/05	
Delete	R Bn at light	36°48'N 3°15'E	
	R Bn at light	36°46'N 3°04'E	
	R Bn at light	36°48'N 3°00'E	
	(BA LL)		
<b>310</b>	20Ed. 12/29/79 LAST NM 38/05	39/05	
Delete	R Bn at light	35°52'N 0°29'W	
	R Bn	42°27'N 18°26'E	
	(BA LL; Croa LL)		
<b>310</b>	20Ed. 12/29/79 LAST NM 39/05	44/05	
Delete	Light	43°18'N 28°04'E	
	(25(2920)05 Taunton)		
<b>310</b>	20Ed. 12/29/79 LAST NM 44/05	45/05	
Delete	Depth 91 meters "Rep 1974" (PA)	35°35'N 29°18'E	
Add	Depth 680 meters	35°26'N 30°10'E	
	(36(4256)05 Taunton)		
<b>310</b>	20Ed. 12/29/79 LAST NM 45/05	8/06	
Delete	R Bn	33°37'N 7°34'W	
	R Bn at light	33°37'N 7°39'W	
	(28(294)05 Cadiz)		
<b>310</b>	20Ed. 12/29/79 LAST NM 8/06	20/06	
Delete	R Bn at light	36°58'N 7°53'W	
	R Bn at light	37°10'N 7°25'W	
	R Bn at light	35°47'N 5°55'W	
	R Bn at light	36°44'N 4°25'W	
	R Bn (AERO)	37°45'N 0°50'W	
	R Bn	35°56'N 5°23'W	
	R Bn at light	41°18'N 2°11'E	
	R Bn at light	41°03'N 1°13'E	
	R Bn at light	41°53'N 3°12'E	
	(40(400)05 Cadiz; Spn LL)		
<b>310</b>	20Ed. 12/29/79 LAST NM 20/06	21/06	
Delete	R Bn (AERO)	35°47'N 0°08'W	
	R Bn at light	36°32'N 1°22'E	
	(BA LL)		
<b>310</b>	20Ed. 12/29/79 LAST NM 21/06	4/07	
Delete	R Bn at light	44°09'N 28°37'E	
	R Bn at light	46°18'N 30°40'E	
	R Bn at light	46°29'N 30°45'E	
	R Bn at light	46°19'N 31°30'E	
	R Bn at light	45°20'N 32°29'E	
	R Bn at light	44°34'N 33°22'E	
	(BA LL)		
<b>310</b>	20Ed. 12/29/79 LAST NM 4/07	5/07	
Delete	R Bn at light	41°13'N 30°15'E	
	(BA LL)		
<b>310</b>	20Ed. 12/29/79 LAST NM 5/07	20/08	
Delete	R Bn	43°30'N 15°58'E	
	(1(3)08 Split)		
<b>310</b>	20Ed. 12/29/79 LAST NM 20/08	4/09	
Add	Depth 30 meters [I4]	37°01'N 11°51'E	
	Depth 80 meters [I4]	35°28'N 14°13'E	
	(BA CH 176)		
<b>310</b>	20Ed. 12/29/79 LAST NM 4/09	37/09	
Delete	R Bn	43°43'N 13°13'E	
	(9(6)09 Genova)		
<b>310</b>	20Ed. 12/29/79 LAST NM 37/09	39/09	
Add	Depth 192 meters, blue tint and enclosing		
	depth contour (200-meter) centered	36°32'N 14°16'E	
	Depth 97 meters, blue tint and enclosing		
	depth contour (200-meter) centered	36°42'N 14°19'E	
	(4(299)06 Taunton)		
<b>310</b>	20Ed. 12/29/79 LAST NM 39/09	8/11	
Delete	R Bn	31°09'N 29°50'E	
	(UKHO ARCS 302-0)		
<b>310</b>	20Ed. 12/29/79 LAST NM 8/11	25/11	
Delete	R Bn from light	37°13'N 15°11'E	
	(Ital CH 271)		
<b>310</b>	20Ed. 12/29/79 LAST NM 25/11	26/11	
Delete	R Bn from light	45°38'N 13°46'E	
	R Bn from light	45°12'N 12°19'E	
	R Bn from light	44°30'N 12°17'E	
	R Bn from light	43°17'N 13°13'E	
	R Bn from light	41°53'N 16°13'E	
	R Bn from light	39°48'N 18°23'E	
	R Bn from light	40°25'N 17°13'E	
	R Bn from light	38°36'N 15°51'E	
	R Bn from light	38°11'N 12°44'E	
	R Bn from light	36°39'N 15°09'E	
	(Ital CH 340)		

**310** 20Ed. 12/29/79 LAST NM 26/11 34/11  
 Delete R Bn from light 32°50'N 34°58'E  
 (Isr CH 305)

**310** 20Ed. 12/29/79 LAST NM 34/11 4/12  
 Delete R Bn 37°18'N 9°51'E  
 (Fr CH 4198)

**310** 20Ed. 12/29/79 LAST NM 4/12 15/15  
 Delete R Bn 39°50'N 4°18'E  
       R Bn from light 39°26'N 2°30'E  
       R Bn 36°25'N 28°08'E  
 (20(134)08 Cadiz)

**310** 20Ed. 12/29/79 LAST NM 15/15 30/15  
 Delete AERO R Bn from light 39°24'N 3°16'E  
 (50(334)08 Cadiz)

**310** 20Ed. 12/29/79 LAST NM 30/15 18/17  
 Delete Depth 163 meters, blue tint and enclosing depth  
       contour (200-meter) in vicinity 37°58'N 0°08'E  
  
 Add Depth 99 meters, blue tint and enclosing depth  
       contour (200-meter) centered 37°36'N 0°01'W  
 (46(309)09 Cadiz)

**310** 20Ed. 12/29/79 LAST NM 18/17 30/19  
 Delete Light 31°29'N 30°21'E  
 (3(416)19 Taunton)

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**★400** (INT 400) 3Ed. 12/25/93 NEW EDITION 19/94  
 Add Danger circle "Obstn" 27°58'N 95°55'W  
       (Previously published 1/94)

Relocate Superbuoy ODAS "42020" close N to 27°13'N 96°30'W  
       (Previously published 2/94)

Delete R Bn at light 24°38'N 82°55'W  
       (Previously published 4/94)

Add Superbuoy ODAS "42036" Y, 28°30'N 84°30'W  
       Fl(4) Y 20s  
       (Previously published 5/94)

Add Light symbol 28°55'N 84°45'W  
       28°40'N 84°21'W  
       (Previously published 10/94)

Delete Buoy 27°59'N 94°00'W  
       Buoy (mooring) 27°14'N 96°58'W  
 (DMAHTC; MCC1262/93)

**400** (INT 400) 3Ed. 12/25/93 LAST NM 19/94 28/94  
 Add Dotted-line circle "Obstn" 28°35'N 92°47'W  
 (20/94 CG8)

**400** (INT 400) 3Ed. 12/25/93 LAST NM 28/94 32/94  
 Delete R Bn at light 21°52'N 84°57'W  
  
 Add Light symbol 22°14'N 83°34'W  
       Danger circle "Obstn" 28°21'N 91°09'W  
       28°10'N 91°38'W  
 (24/94 CG8; 1(18), 2(36)94 Habana)

**400** (INT 400) 3Ed. 12/25/93 LAST NM 32/94 36/94  
 Relocate Superbuoy ODAS "42020" 27°01'N 96°30'W  
       (27°13'N 96°30'W) to  
       (See 19/94-400)  
 (49/93 CG8)

**400** (INT 400) 3Ed. 12/25/93 LAST NM 36/94 43/94  
 Delete Light symbol 28°55'N 84°45'W  
       28°40'N 84°21'W  
       (See 19/94-400)  
 (33/94 CG8)

**400** (INT 400) 3Ed. 12/25/93 LAST NM 43/94 46/94  
 Add Superbuoy ODAS "41018" Y, Fl(4) Y 20s 15°00'N 75°00'W  
 (35/94 CG7)

**400** (INT 400) 3Ed. 12/25/93 LAST NM 46/94 52/94  
 Add Superbuoy ODAS "41016" Y, Fl(4) Y 20s 24°38'N 76°31'W  
 (MCC1348/94)

**400** (INT 400) 3Ed. 12/25/93 LAST NM 52/94 1/95  
 Delete R Bn at light 26°04'N 97°10'W  
       R Bn 27°05'N 80°07'W  
 (47/94 CG7; 47/94 CG8)

**400** (INT 400) 3Ed. 12/25/93 LAST NM 1/95 2/95  
 Delete R Bn at light 30°21'N 81°25'W  
 (49/94 CG7)

**400** (INT 400) 3Ed. 12/25/93 LAST NM 2/95 43/95  
 Delete Light symbol 29°51'N 84°43'W  
 (36/95 CG8)

**400** (INT 400) 3Ed. 12/25/93 LAST NM 43/95 45/95  
 Delete R Bn at light 29°19'N 94°44'W  
 (USCG LL)

**400** (INT 400) 3Ed. 12/25/93 LAST NM 45/95 11/96  
 Add Superbuoy ODAS "42039" Y, Fl(4) Y 20s 28°47'N 86°02'W  
 (51/95 CG8)

**400** (INT 400) 3Ed. 12/25/93 LAST NM 11/96 12/96  
 Delete R Bn at light 22°03'N 80°24'W  
 (5(103)95 Habana)

**400** (INT 400) 3Ed. 12/25/93 LAST NM 12/96 13/96  
 Delete Superbuoy ODAS "41018" 15°00'N 75°00'W  
  
       Light symbol 29°40'N 85°22'W  
       Note: R Bn remains  
 (5/96 CG8; 8/96 CG7)

**400** (INT 400) 3Ed. 12/25/93 LAST NM 13/96 17/96  
 Add Buoy Y, Fl Y 4s 28°50'N 84°51'W  
 (9/96 CG8)

**400** (INT 400) 3Ed. 12/25/93 LAST NM 17/96 36/96  
 Delete R Bn 29°40'N 85°21'W  
 (SMEA006/96)

**400** (INT 400) 3Ed. 12/25/93 LAST NM 36/96 41/96  
 Delete R Bn at light 28°54'N 89°25'W  
  
       R Bn 29°47'N 93°21'W  
       29°43'N 93°52'W  
 (SMEA009/96)

**400** (INT 400) 3Ed. 12/25/93 LAST NM 41/96 42/96  
 Delete R Bn at light 27°50'N 97°03'W  
       R Bn (AERO) 12°13'N 69°03'W  
 (BA RA; SMEA009/96)

**400** (INT 400) 3Ed. 12/25/93 LAST NM 42/96 45/96  
 Delete Light 18°24'N 75°00'W  
  
 Add Light symbol 10°45'N 62°43'W  
 (37/96 CG7; 28/96 Caracas)

**400** (INT 400) 3Ed. 12/25/93 LAST NM 45/96 46/96  
 Delete R Bn at light 22°16'N 97°48'W  
  
       R Bn (AERO) 20°12'N 96°45'W  
       18°40'N 91°48'W  
  
       R Bn 19°09'N 96°10'W  
       20°28'N 87°00'W  
       18°30'N 88°20'W  
 (GIMM049/96)

**400** (INT 400) 3Ed. 12/25/93 LAST NM 46/96 51/96  
 Delete R Bn at light 27°36'N 82°46'W  
       10°20'N 75°35'W  
 (GIMM049, 050/96)



400 (INT 400) 3Ed. 12/25/93 LAST NM 51/96 6/97 Delete R Bn at light 30°14'N 88°01'W (GIMM002/97)	400 (INT 400) 3Ed. 12/25/93 LAST NM 16/00 22/00 Delete Light 26°03'N 97°09'W (50/99 CG8)
400 (INT 400) 3Ed. 12/25/93 LAST NM 6/97 14/97 Delete Depths 16°13'N 86°49'W 269 meters 16°13'N 86°57'W 189 meters (PA) 16°14'N 87°13'W 212 meters (PA) (GIMM019/97)	400 (INT 400) 3Ed. 12/25/93 LAST NM 22/00 45/00 Relocate Superbuoy ODAS "42019" from 27°53'N 95°00'W to 27°55'N 95°22'W (26/00 CG8)
400 (INT 400) 3Ed. 12/25/93 LAST NM 14/97 23/97 Delete Purple circle at light 22°41'N 78°53'W Legend "R Bn" 22°45'N 78°26'W (9(222)96 Habana)	400 (INT 400) 3Ed. 12/25/93 LAST NM 45/00 7/01 Delete Light 12°37'N 70°03'W Light 11°59'N 68°39'W Light 12°25'N 69°52'W (42(482)00 's-Gravenhage)
400 (INT 400) 3Ed. 12/25/93 LAST NM 23/97 28/97 Delete R Bn at light 28°27'N 80°33'W (GIMM002/97)	400 (INT 400) 3Ed. 12/25/93 LAST NM 7/01 24/01 Substitute Depth 16 meters for 19 meters 28°10'N 94°18'W (NOS)
400 (INT 400) 3Ed. 12/25/93 LAST NM 28/97 29/97 Delete Superbuoy ODAS "41006" 29°18'N 77°22'W (24/97 CG7)	400 (INT 400) 3Ed. 12/25/93 LAST NM 24/01 35/01 Relocate Superbuoy ODAS "42003" from 25°56.2'N 85°54.9'W to 25°23.6'N 85°57.9'W (51/00 CG8)
400 (INT 400) 3Ed. 12/25/93 LAST NM 29/97 30/97 Delete Light symbol 16°23'N 86°23'W (17(1506)97 Taunton)	400 (INT 400) 3Ed. 12/25/93 LAST NM 35/01 38/01 Relocate Superbuoy ODAS "41002" from 32°18'N 75°14'W to 32°16'N 75°26'W (29/01 CG7)
400 (INT 400) 3Ed. 12/25/93 LAST NM 30/97 27/98 Add Wreck (PA) 26°13'N 96°25'W (16/98 CG8)	400 (INT 400) 3Ed. 12/25/93 LAST NM 38/01 23/02 Add Dashed-line circle "Obstn" (PA) 28°44'N 85°09'W (19/02 CG8)
400 (INT 400) 3Ed. 12/25/93 LAST NM 27/98 28/98 Delete Light symbol 31°57'N 80°40'W (19/98 CG7)	400 (INT 400) 3Ed. 12/25/93 LAST NM 23/02 26/02 Relocate Superbuoy ODAS "42002" from 25°55'N 93°35'W to 25°11'N 94°25'W (22/02 CG8)
400 (INT 400) 3Ed. 12/25/93 LAST NM 28/98 35/98 Delete Light symbol 29°20'N 94°44'W 28°58'N 95°19'W (29/98 CG8)	400 (INT 400) 3Ed. 12/25/93 LAST NM 26/02 31/02 Add Superbuoy ODAS [Q58] "42041" Y, Fl(4) Y 20s 27°30'N 90°30'W (NTM0010/2002)
400 (INT 400) 3Ed. 12/25/93 LAST NM 35/98 45/98 Add Dangerous wreck 27°01'N 97°08'W Dotted-line circle "Obstn" 28°32'N 92°59'W (38/98 CG8)	400 (INT 400) 3Ed. 12/25/93 LAST NM 31/02 32/02 Add Danger circle "Obstn" [K40] (PA) 31°48'N 79°34'W (NOS)
400 (INT 400) 3Ed. 12/25/93 LAST NM 45/98 49/98 Delete R Bn (AERO) 16°16'N 61°32'W (BA RA)	400 (INT 400) 3Ed. 12/25/93 LAST NM 32/02 33/02 Add Light symbol [P1] 22°23'N 89°41'W (SCT 4/02 Mexico, D.F.; US CH 28221)
400 (INT 400) 3Ed. 12/25/93 LAST NM 49/98 39/99 Delete R Bn (AERO) 30°27'N 87°11'W (USCG LL)	400 (INT 400) 3Ed. 12/25/93 LAST NM 33/02 35/02 Add Superbuoy ODAS [Q58] "41012" Y, Fl(4) Y 20s 30°00'N 80°30'W (27/02 CG7)
400 (INT 400) 3Ed. 12/25/93 LAST NM 39/99 48/99 Add Depth 36 meters Obstn [I10] 29°28'N 88°26'W (19/99 CG8)	400 (INT 400) 3Ed. 12/25/93 LAST NM 35/02 45/02 Add Light symbol [P1] 20°30'N 86°58'W (Mex LL; NTM0007/2002)
400 (INT 400) 3Ed. 12/25/93 LAST NM 48/99 50/99 Delete Light symbol 26°05'N 80°06'W (40/99 CG7)	400 (INT 400) 3Ed. 12/25/93 LAST NM 45/02 29/03 Add Dashed-line circle "Obstn" 27°37'N 89°13'W Dashed-line circle "Obstn" 27°06'N 91°06'W Dashed-line circle "Obstn" 26°05'N 88°58'W Dashed-line circle "Obstn" 25°55'N 91°08'W (23/03 CG8)
400 (INT 400) 3Ed. 12/25/93 LAST NM 50/99 4/00 Relocate Superbuoy ODAS "42020" from 27°01'N 96°30'W to 26°55'N 96°42'W (29/99 CG8)	400 (INT 400) 3Ed. 12/25/93 LAST NM 29/03 33/03 Relocate Superbuoy ODAS "42003" from 25°24'N 85°58'W to 26°01'N 85°55'W (NTM0002/2003)
400 (INT 400) 3Ed. 12/25/93 LAST NM 4/00 14/00 Add Superbuoy ODAS "42040" Y, Fl(4) Y 20s [Q58] 29°12.5'N 88°12.0'W (42/99 CG8)	400 (INT 400) 3Ed. 12/25/93 LAST NM 33/03 34/03 Delete R Bn at light 32°00'N 80°50'W Add Wreck [K29] (PA) 28°46'N 92°22'W (26/03 CG7; 28/03 CG8)
400 (INT 400) 3Ed. 12/25/93 LAST NM 14/00 16/00 Delete Light 27°51'N 97°04'W (49/99 CG8)	

400 (INT 400) 3Ed. 12/25/93 LAST NM 34/03 6/04  
Delete Designation "42001" from superbuoy (ODAS) 25°55'N 89°38'W

Add Superbuoy (ODAS) "42001" Y, Fl(4) Y 20s 25°51'N 89°40'W  
(NTM0001/2004)

400 (INT 400) 3Ed. 12/25/93 LAST NM 6/04 19/04  
Add Wreck [K29] "Rep (2004)" 25°54'N 79°55'W  
(NTM0001/2004)

400 (INT 400) 3Ed. 12/25/93 LAST NM 19/04 25/04  
Add Superbuoy ODAS [Q58] "42038" Y, Fl(4) Y 20s 27°25'N 92°35'W  
(20/04 CG8)

400 (INT 400) 3Ed. 12/25/93 LAST NM 25/04 27/04  
Delete Depth 8 meters and enclosing dotted-line circle 16°58'N 83°15'W

Add Depth 26 meters 16°54'N 83°20'W  
(NTM0012/2004)

400 (INT 400) 3Ed. 12/25/93 LAST NM 27/04 36/04  
Delete Dashed-line circle "Obstn" 27°37'N 89°13'W  
Dashed-line circle "Obstn" 27°06'N 91°06'W  
Dashed-line circle "Obstn" 26°05'N 88°58'W  
Dashed-line circle "Obstn" 25°55'N 91°08'W  
(26/04 CG8)

400 (INT 400) 3Ed. 12/25/93 LAST NM 36/04 37/04  
Add Dashed-line circle "Obstn" 26°02'N 96°15'W  
Dashed-line circle "Obstn" 26°03'N 95°57'W  
Dashed-line circle "Obstn" 26°03'N 95°35'W  
Dashed-line circle "Obstn" 26°02'N 94°06'W  
Dashed-line circle "Obstn" 26°37'N 96°17'W  
Dashed-line circle "Obstn" 26°38'N 95°33'W  
Dashed-line circle "Obstn" 26°30'N 94°49'W  
Dashed-line circle "Obstn" 26°37'N 93°56'W  
Dashed-line circle "Obstn" 27°08'N 96°08'W  
Dashed-line circle "Obstn" 27°13'N 95°31'W  
Dashed-line circle "Obstn" 26°55'N 94°43'W  
Dashed-line circle "Obstn" 27°25'N 94°40'W  
Dashed-line circle "Obstn" 27°10'N 93°54'W  
(27/04 CG8)

400 (INT 400) 3Ed. 12/25/93 LAST NM 37/04 49/04  
Relocate Superbuoy ODAS "42040" from 29°12'N 88°12'W to 29°11'N 88°13'W  
(NTM0036/2003)

400 (INT 400) 3Ed. 12/25/93 LAST NM 49/04 1/05  
Relocate Superbuoy ODAS "41002" from 32°16'N 75°26'W to 32°19'N 75°21'W  
(NOS)

400 (INT 400) 3Ed. 12/25/93 LAST NM 1/05 9/05  
Add Dashed-line circle "Obstn" 26°29'N 95°22'W  
(5/05 CG8)

400 (INT 400) 3Ed. 12/25/93 LAST NM 9/05 23/05  
Add Superbuoy ODAS [Q58] "42055" Y, Fl(4) Y 20s 22°01'N 94°03'W  
Superbuoy ODAS [Q58] "42056" Y, Fl(4) Y 20s 19°52'N 85°04'W  
(NTM0006/2005)

400 (INT 400) 3Ed. 12/25/93 LAST NM 23/05 26/05  
Add Depth 1116 meters "Rep (2005)" 27°26'N 76°35'W  
(NTM0024/2005)

400 (INT 400) 3Ed. 12/25/93 LAST NM 26/05 27/05  
Delete Superbuoy ODAS "42041" 27°30'N 90°30'W  
(13/05 CG8)

400 (INT 400) 3Ed. 12/25/93 LAST NM 27/05 36/05  
Add Dashed-line circle "Obstn" 27°56'N 91°54'W  
Dashed-line circle "Obstn" 27°57'N 92°21'W  
(24/05 CG8)

400 (INT 400) 3Ed. 12/25/93 LAST NM 36/05 43/05  
Delete Superbuoy ODAS 25°55'N 89°38'W

Relocate Superbuoy ODAS "42001" from 25°51'N 89°40'W to 25°54'N 89°40'W  
(NTM0032/2005)

400 (INT 400) 3Ed. 12/25/93 LAST NM 43/05 48/05  
Add Depth 17 meters "Rep (2005)" 21°55'N 91°49'W  
(NTM0004/2005)

400 (INT 400) 3Ed. 12/25/93 LAST NM 48/05 4/06  
Add Light symbol [P1] 21°11'N 86°48'W  
(10(Sec 3)05 Mexico, D.F.)

400 (INT 400) 3Ed. 12/25/93 LAST NM 4/06 13/06  
Delete Superbuoy ODAS "42003" 26°01'N 85°55'W

Add Superbuoy ODAS "42003" Y (inverted) 25°59'N 85°50'W  
(NOS)

400 (INT 400) 3Ed. 12/25/93 LAST NM 13/06 14/06  
Delete Superbuoy ODAS "42003" 25°59'N 85°50'W  
(See 13/06-400)

Add Superbuoy ODAS "42003" Y, Fl(4) Y 20s 26°04'N 85°57'W  
(NTM0003/2006)

400 (INT 400) 3Ed. 12/25/93 LAST NM 14/06 21/06  
Add Superbuoy ODAS [Q58] "42408" Or W, Fl(4) Y 20s 25°25'N 86°48'W  
(18/06 CG8)

400 (INT 400) 3Ed. 12/25/93 LAST NM 21/06 25/06  
Add Superbuoy ODAS "42070" Or W, Fl(4) Y 20s [Q58] 28°33'N 88°10'W  
(22/06 CG8)

400 (INT 400) 3Ed. 12/25/93 LAST NM 25/06 28/06  
Add Depth 390 meters 23°07'N 79°16'W  
(NTM0007/2005)

400 (INT 400) 3Ed. 12/25/93 LAST NM 28/06 50/06  
Add Depth 7 meters Obstn [K41] "Rep (2006)" 16°29'N 81°22'W  
Depth 7 meters Obstn [K41] "Rep (2006)" 16°23'N 81°19'W  
(43(4946)06 Taunton)

400 (INT 400) 3Ed. 12/25/93 LAST NM 50/06 8/07  
Substitute Depth 8 meters for 13 meters 20°08'N 68°51'W

Add Depth 63 meters, blue tint and enclosing dotted-line circle 20°03'N 69°22'W  
(46(5388)05 Taunton)

400 (INT 400) 3Ed. 12/25/93 LAST NM 8/07 9/07  
Add Light symbol [P1] 12°25'N 69°52'W  
(12(1538)05 Taunton)

400 (INT 400) 3Ed. 12/25/93 LAST NM 9/07 17/08  
Delete Superbuoy ODAS "42070" 28°33'N 88°10'W  
(13/08 CG8)

400 (INT 400) 3Ed. 12/25/93 LAST NM 17/08 42/08  
Add Light symbol [P1] 14°09'N 81°10'W  
(29/08 Bogota)

400 (INT 400) 3Ed. 12/25/93 LAST NM 42/08 1/09  
Relocate Superbuoy ODAS "42003" from 26°04'N 85°57'W to 25°58'N 85°36'W  
(50/08 CG8)

400 (INT 400) 3Ed. 12/25/93 LAST NM 1/09 4/09  
Add Light symbol [P1] 10°06'N 65°11'W  
(51/08 Caracas)

400 (INT 400)	3Ed. 12/25/93	LAST NM	4/09	23/09	
Add	Superbuoy ODAS [Q58] "41049" Y, FI(4) Y 20s		27°30'N	63°00'W	
	Superbuoy ODAS [Q58] "41044" Y, FI(4) Y 20s		21°39'N	58°42'W	(NTM0025/2009)
400 (INT 400)	3Ed. 12/25/93	LAST NM	23/09	24/09	
Add	Depth 1712 meters "Rep (2009)"		25°31'N	77°24'W	(NTM0035/2008)
400 (INT 400)	3Ed. 12/25/93	LAST NM	24/09	26/09	
Add	Wreck [K29]		31°24'N	74°07'W	(NTM0028/2009)
400 (INT 400)	3Ed. 12/25/93	LAST NM	26/09	28/09	
Add	Dashed-line circle with legend "Obstn (shallow)"		25°58'N	88°03'W	
	Dashed-line circle with legend "Obstn (shallow)"		25°49'N	87°33'W	
	Dashed-line circle with legend "Obstn (shallow)"		25°41'N	87°03'W	
	Dashed-line circle with legend "Obstn (shallow)"		25°29'N	86°34'W	
	Dashed-line circle with legend "Obstn (deep)"		25°18'N	86°05'W	
	Dashed-line circle with legend "Obstn (deep)"		26°25'N	87°51'W	
	Dashed-line circle with legend "Obstn (shallow)"		26°15'N	87°19'W	
	Dashed-line circle with legend "Obstn (shallow)"		26°07'N	86°50'W	
	Dashed-line circle with legend "Obstn (shallow)"		25°56'N	86°21'W	
	Dashed-line circle with legend "Obstn (deep)"		25°44'N	85°52'W	
	Dashed-line circle with legend "Obstn (deep)"		25°33'N	85°23'W	
	Dashed-line circle with legend "Obstn (deep)"		26°42'N	87°07'W	
	Dashed-line circle with legend "Obstn (deep)"		26°33'N	86°37'W	
	Dashed-line circle with legend "Obstn (shallow)"		26°23'N	86°09'W	
	Dashed-line circle with legend "Obstn (shallow)"		26°11'N	85°39'W	
	Dashed-line circle with legend "Obstn (deep)"		26°00'N	85°09'W	
	Legend "SEE NOTE"		26°02'N	86°36'W	
	Note				
	"SUBMERGED DATA COLLECTION MOORINGS				
	Dashed-line circles labeled "Obstn (shallow)" or "(deep)" are data collection moorings which will remain on station until late 2011. The deep moorings are tethered 100 meters above the seabed, while the shallow moorings are tethered 70 meters below the ocean surface. These moorings have passive data collection instruments as well as devices which emit acoustic signals. Caution is advised in the vicinity of these moorings."		31°54'N	85°00'W	(NTM0004/2009)
400 (INT 400)	3Ed. 12/25/93	LAST NM	28/09	29/09	
Add	Superbuoy ODAS [Q58] "42060" Y, FI(4) Y 20s		16°30'N	63°30'W	(NTM0025/2009)
400 (INT 400)	3Ed. 12/25/93	LAST NM	29/09	33/09	
Add	Depth 536 meters		32°13'N	77°44'W	
	Depth 3968 meters		30°11'N	75°51'W	(NTM0022/2009)
400 (INT 400)	3Ed. 12/25/93	LAST NM	33/09	34/09	
Add	Superbuoy ODAS [Q58] "42080" Y, FI(4) Y 20s		24°24'N	81°56'W	(20/09 CG7)
400 (INT 400)	3Ed. 12/25/93	LAST NM	34/09	45/09	
Delete	Superbuoy ODAS "41016"		24°38'N	76°31'W	(40/09 CG7)
400 (INT 400)	3Ed. 12/25/93	LAST NM	45/09	46/09	
Relocate	Superbuoy ODAS "41002" from 32°19'N 75°21'W to		32°23'N	75°25'W	(40/09 CG7)
400 (INT 400)	3Ed. 12/25/93	LAST NM	46/09	47/09	
Add	Superbuoy ODAS [Q58] "42058" Y, FI(4) Y 20s		15°06'N	75°04'W	
	Superbuoy ODAS [Q58] "41043" Y, FI(4) Y 20s		21°59'N	65°01'W	
	Superbuoy ODAS [Q58] "41046" Y, FI(4) Y 20s		24°00'N	71°00'W	
	Superbuoy ODAS [Q58] "41047" Y, FI(4) Y 20s (PA)		27°28'N	71°29'W	
	Superbuoy ODAS [Q58] "41048" Y, FI(4) Y 20s (PA)		31°59'N	69°39'W	
	Superbuoy ODAS [Q58] "41420" Y, FI(4) Y 20s		23°19'N	67°40'W	
	Superbuoy ODAS [Q58] "41421" Y, FI(4) Y 20s		23°24'N	63°54'W	
	Superbuoy ODAS [Q58] "42059" Y, FI(4) Y 20s		15°00'N	67°30'W	
	Superbuoy ODAS [Q58] "42407" Y, FI(4) Y 20s		15°16'N	68°14'W	(41/09 CG7; NTM0030/2009)
400 (INT 400)	3Ed. 12/25/93	LAST NM	47/09	49/09	
Delete	Depth 1530 meters		9°13'N	58°50'W	
Add	Depth 530 meters		9°10'N	58°50'W	(39(40)09 Brest)
400 (INT 400)	3Ed. 12/25/93	LAST NM	49/09	51/09	
Add	Light symbol [P1]		15°13'N	61°22'W	(7(758)07 Taunton)
400 (INT 400)	3Ed. 12/25/93	LAST NM	51/09	3/10	
Add	Depth 183 meters "Rep (2006)"		18°25'N	67°40'W	
	Depth 183 meters		18°19'N	67°41'W	(NOS)
400 (INT 400)	3Ed. 12/25/93	LAST NM	3/10	6/10	
Add	Light		18°43'N	87°42'W	(12(273)09 Mexico, D.F.)
400 (INT 400)	3Ed. 12/25/93	LAST NM	6/10	42/10	
Relocate	Superbuoy ODAS "42003" from 25°58'N 85°36'W to		26°03'N	85°37'W	(38/10 CG8)
400 (INT 400)	3Ed. 12/25/93	LAST NM	42/10	40/11	
Add	Depth 10 meters "Rep (2011)"		22°21'N	97°14'W	(7(119)11 SM Mexico, D.F.)
400 (INT 400)	3Ed. 12/25/93	LAST NM	40/11	43/11	
Delete	Depth 153 meters, blue tint and enclosing dotted-line circle centered		24°55'N	77°47'W	(NTM0011/2011)
400 (INT 400)	3Ed. 12/25/93	LAST NM	43/11	30/12	
Relocate	Superbuoy ODAS "42060" from 16°30'N 63°30'W to		16°20'N	63°30'W	(NTM0007/2012)
400 (INT 400)	3Ed. 12/25/93	LAST NM	30/12	35/12	
Delete	Dashed-line circle "Obstn (shallow)"		25°58'N	88°03'W	
	Dashed-line circle "Obstn (shallow)"		25°49'N	87°33'W	
	Dashed-line circle "Obstn (shallow)"		25°41'N	87°03'W	
	Dashed-line circle "Obstn (shallow)"		25°29'N	86°34'W	
	Dashed-line circle "Obstn (deep)"		25°18'N	86°05'W	

(continued on next page)

<b>400</b>	(Continued)		35/12	
	Dashed-line circle "Obstn (deep)"	26°25'N 87°51'W		
	Dashed-line circle "Obstn (shallow)"	26°15'N 87°19'W		
	Dashed-line circle "Obstn (shallow)"	26°07'N 86°50'W		
	Dashed-line circle "Obstn (shallow)"	25°56'N 86°21'W		
	Dashed-line circle "Obstn (deep)"	25°44'N 85°52'W		
	Dashed-line circle "Obstn (deep)"	25°33'N 85°23'W		
	Dashed-line circle "Obstn (deep)"	26°42'N 87°07'W		
	Dashed-line circle "Obstn (deep)"	26°33'N 86°37'W		
	Dashed-line circle "Obstn (shallow)"	26°23'N 86°09'W		
	Dashed-line circle "Obstn (shallow)"	26°11'N 85°39'W		
	Dashed-line circle "Obstn (deep)"	26°00'N 85°09'W		
	Legend "SEE NOTE"	26°02'N 86°36'W		
	Note "SUBMERGED...MOORINGS"	31°54'N 85°00'W		
	(NTM0004/2009)			
<b>400</b>	(INT 400)	3Ed. 12/25/93	LAST NM 35/12	48/12
	Add Wreck [K29]		22°53'N 97°36'W	
	(9/12 (SM) Mexico, D.F.)			
<b>400</b>	(INT 400)	3Ed. 12/25/93	LAST NM 48/12	43/13
	Delete Light and designation "42055" from superbuoy ODAS		22°01'N 94°03'W	
	Add Superbuoy ODAS "42055" Y, Fl(4) Y 20s		22°12'N 94°00'W	
	(31/13 CG8)			
<b>★400</b>	(INT 400)	3Ed. 12/25/93	LAST NM 43/13	17/14
	Relocate Superbuoy ODAS "41044" from		21°39'N 58°42'W to	21°34'N 58°37'W
	(NTM0003/2013)			
<b>400</b>	(INT 400)	3Ed. 12/25/93	LAST NM 17/14	35/14
	Add Light symbol		24°27'N 81°53'W	
	(26/14 CG7)			
<b>400</b>	(INT 400)	3Ed. 12/25/93	LAST NM 35/14	40/14
	Delete Light		29°02'N 89°10'W	
	(28/14 CG8)			
<b>400</b>	(INT 400)	3Ed. 12/25/93	LAST NM 40/14	42/14
	Delete Depth 366 meters and enclosing dotted-line circle centered		19°31'N 64°49'W	
	Depth 27 meters and enclosing dotted-line circle centered		18°32'N 63°14'W	
	Depth 22 meters, blue tint and enclosing dotted-line circle centered		18°20'N 64°11'W	
	(NTM0012/2014)			
<b>400</b>	(INT 400)	3Ed. 12/25/93	LAST NM 42/14	5/16
	Delete Blue tint and enclosing dotted-line circle centered		11°06'N 76°14'W	
	(169/15 Bogota)			
<b>400</b>	(INT 400)	3Ed. 12/25/93	LAST NM 5/16	17/16
	Delete Light		24°38'N 82°56'W	
	(38/15 CG7)			
<b>400</b>	(INT 400)	3Ed. 12/25/93	LAST NM 17/16	42/16
	Add Note			
	"NOTE			
	Ocean Data Acquisition System (ODAS) buoys will no longer be maintained on this chart unless located in areas where larger scale chart coverage is unavailable."		32°00'N 91°30'W	
	(NTM0008/2014)			
<b>★400</b>	(INT 400)	3Ed. 12/25/93	LAST NM 42/16	43/17
	Delete Depth 264 meters (ED), blue tint and enclosing dotted-line circle centered		17°03'N 79°32'W	
	Add Depth 639 meters enclosed by depth contour (1000-meter) centered		17°49'N 79°20'W	
	(NTM0005/2017)			
<b>★400</b>	(INT 400)	3Ed. 12/25/93	LAST NM 43/17	44/17
	Delete Depth 5 meters, blue tint and enclosing dotted-line area in vicinity		14°28'N 81°23'W	
	(NTM0005/2017)			
<b>★401</b>	(INT 401)	5Ed. 6/15/91	NEW EDITION	33/91
	Add Danger circle "Obstr" (PA)		27°52'N 96°32'W	
	(DMAHTC; 27/91 CG8)			
<b>401</b>	(INT 401)	5Ed. 6/15/91	LAST NM 33/91	35/91
	Relocate Superbuoy ODAS "41009" close SE to		28°30.0'N 80°10.8'W	
	(28/91 CG7)			
<b>401</b>	(INT 401)	5Ed. 6/15/91	LAST NM 35/91	38/91
	Add Dangerous wreck		28°08'N 95°43'W	
	Danger circles "Obstr"		28°09'N 93°18'W	
	(34/91 CG8)		28°29'N 91°02'W	
<b>401</b>	(INT 401)	5Ed. 6/15/91	LAST NM 38/91	14/92
	Add Light Fl		25°46'N 80°08'W	
	(USCG LL)			
<b>401</b>	(INT 401)	5Ed. 6/15/91	LAST NM 14/92	16/92
	Add Superbuoy ODAS "41010" Y, Fl(4) Y 20s		28°53.1'N 78°30.0'W	
	(MCC1180/92)			
<b>401</b>	(INT 401)	5Ed. 6/15/91	LAST NM 16/92	31/93
	Delete R Bn (AERO)		20°58'N 97°23'W	
	(9/771)93 Taunton)			
<b>401</b>	(INT 401)	5Ed. 6/15/91	LAST NM 31/93	51/93
	Add Depth 29 meters enclosed by depth contour (30-meter)		17°47'N 75°52'W	
	(33(533)93 Hamburg)			
<b>401</b>	(INT 401)	5Ed. 6/15/91	LAST NM 51/93	52/93
	Add Danger circle "Obstns (45m rep)" (PA)		28°25.3'N 90°04.7'W	
	Buoy (Priv maintd)		28°01.2'N 93°59.6'W	
	Buoy (mooring)		27°15.9'N 96°58.3'W	
	(44, 45/93 CG8)			
<b>401</b>	(INT 401)	5Ed. 6/15/91	LAST NM 52/93	1/94
	Add Danger circle "Obstn (36m rep)" (PA)		27°58.3'N 95°55.2'W	
	(47/93 CG8)			
<b>401</b>	(INT 401)	5Ed. 6/15/91	LAST NM 1/94	2/94
	Relocate Superbuoy ODAS "42020" close N to		27°13'N 96°30'W	
	(49/93 CG8)			
<b>401</b>	(INT 401)	5Ed. 6/15/91	LAST NM 2/94	4/94
	Delete R Bn at light		26°15.6'N 80°05.2'W	
	(46/93 CG7)		24°38.0'N 82°55.2'W	
<b>401</b>	(INT 401)	5Ed. 6/15/91	LAST NM 4/94	5/94
	Add Superbuoy ODAS "42036" Y, Fl(4) Y 20s		28°30.0'N 84°30.3'W	
	(50/93 CG7)			
<b>401</b>	(INT 401)	5Ed. 6/15/91	LAST NM 5/94	6/94
	Add Wreck (PA)		28°25'N 93°13'W	
	(50/93 CG8)			
<b>401</b>	(INT 401)	5Ed. 6/15/91	LAST NM 6/94	9/94
	Add Wreck (PA)		29°05'N 88°58'W	
	(3/94 CG8)			
<b>401</b>	(INT 401)	5Ed. 6/15/91	LAST NM 9/94	10/94
	Add Lights, each Q		28°55.0'N 84°45.0'W	
	"S4"		28°40.0'N 84°21.3'W	
	"S5"			
	Buoy "WR" R, QR		29°04.8'N 88°57.5'W	
	(4/94 CG8)			

401 (INT 401)	5Ed. 6/15/91	LAST NM 10/94	12/94
Substitute	Stranded wreck (PA) for wreck (PA) and buoy (See 9, 10/94-401)		29°05'N 88°58'W
(6/94 CG8)			
401 (INT 401)	5Ed. 6/15/91	LAST NM 12/94	28/94
Add	Dotted-line circle "Obstn"		28°35'N 92°47'W
(20/94 CG8)			
401 (INT 401)	5Ed. 6/15/91	LAST NM 28/94	32/94
Delete	R Bn at light		21°52'N 84°57'W
Add	Light symbol		22°14'N 83°34'W
	Danger circle "Obstn"		28°21'N 91°09'W 28°10'N 91°38'W
(24/94 CG8; 1(18), 2(36)94 Habana)			
401 (INT 401)	5Ed. 6/15/91	LAST NM 32/94	36/94
Relocate	Superbuoy ODAS "42020" (27°13'N 96°30'W) to (See 2/94-401)		27°01'N 96°30'W
(49/93 CG8)			
401 (INT 401)	5Ed. 6/15/91	LAST NM 36/94	43/94
Delete	Light "S4"		28°55.0'N 84°45.0'W
	"S5"		28°40.0'N 84°21.3'W
(See 10/94-401)			
(33/94 CG8)			
401 (INT 401)	5Ed. 6/15/91	LAST NM 43/94	46/94
Add	Superbuoy ODAS "41018" Y, Fl(4) Y 20s		15°00'N 75°00'W
(35/94 CG7)			
401 (INT 401)	5Ed. 6/15/91	LAST NM 46/94	52/94
Add	Superbuoy ODAS "41016" Y, Fl(4) Y 20s		24°38'N 76°31'W
(MCC1348/94)			
401 (INT 401)	5Ed. 6/15/91	LAST NM 52/94	1/95
Delete	R Bn at light		26°04'N 97°10'W
	R Bn		27°04'N 80°07'W
(47/94 CG7; 47/94 CG8)			
401 (INT 401)	5Ed. 6/15/91	LAST NM 1/95	2/95
Delete	R Bn at light		30°22'N 81°25'W
(49/94 CG7)			
401 (INT 401)	5Ed. 6/15/91	LAST NM 2/95	5/95
Substitute	Depth 275 meters for 335 meters		18°32'N 86°58'W
Add	Depth 24 meters		20°55'N 86°36'W
	915 meters		18°19'N 87°04'W
(MCC004/95)			
401 (INT 401)	5Ed. 6/15/91	LAST NM 5/95	32/95
Relocate	Superbuoy ODAS "41006" close NE to		29°20'N 77°19'W
(21/95 CG7)			
401 (INT 401)	5Ed. 6/15/91	LAST NM 32/95	43/95
Delete	Light symbol		29°51'N 84°42'W
(36/95 CG8)			
401 (INT 401)	5Ed. 6/15/91	LAST NM 43/95	45/95
Delete	R Bn at light		29°19'N 94°44'W
(USCG LL)			
401 (INT 401)	5Ed. 6/15/91	LAST NM 45/95	1/96
Add	Depth 36 meters enclosed by dotted-line circle		18°42'N 84°04'W
(MCC063/95)			
401 (INT 401)	5Ed. 6/15/91	LAST NM 1/96	11/96
Add	Superbuoy ODAS "42039" Y, Fl(4) Y 20s		28°47'N 86°02'W
(51/95 CG8)			
401 (INT 401)	5Ed. 6/15/91	LAST NM 11/96	12/96
Delete	R Bn at light		22°03'N 80°24'W
(5(103)95 Habana)			
401 (INT 401)	5Ed. 6/15/91	LAST NM 12/96	13/96
Delete	Superbuoy ODAS "41018"		15°00'N 75°00'W
	Light symbol		29°40'N 85°22'W
Note: R Bn remains			
(5/96 CG8; 8/96 CG7)			
401 (INT 401)	5Ed. 6/15/91	LAST NM 13/96	17/96
Add	Buoy Y, Fl Y 4s		28°50'N 84°51'W
(9/96 CG8)			
401 (INT 401)	5Ed. 6/15/91	LAST NM 17/96	36/96
Delete	R Bn		29°40'N 85°21'W
(SMEA006/96)			
401 (INT 401)	5Ed. 6/15/91	LAST NM 36/96	41/96
Delete	R Bn at light		28°54'N 89°25'W
	R Bn		28°59'N 89°08'W 29°47'N 93°21'W 29°43'N 93°52'W
(SMEA009/96)			
401 (INT 401)	5Ed. 6/15/91	LAST NM 41/96	42/96
Delete	R Bn at light		27°50'N 97°03'W
(SMEA009/96)			
401 (INT 401)	5Ed. 6/15/91	LAST NM 42/96	46/96
Delete	R Bn (AERO)		20°12'N 96°45'W 18°39'N 91°48'W 20°28'N 86°58'W 18°30'N 88°22'W
	R Bn		19°09'N 96°08'W
	R Bn at light		21°15'N 89°40'W
(GIMM049/96)			
401 (INT 401)	5Ed. 6/15/91	LAST NM 46/96	51/96
Delete	R Bn at light		27°36'N 82°46'W
(GIMM050/96)			
401 (INT 401)	5Ed. 6/15/91	LAST NM 51/96	6/97
Delete	R Bn at light		30°14'N 88°01'W
(GIMM002/97)			
401 (INT 401)	5Ed. 6/15/91	LAST NM 6/97	14/97
Delete	Depths 269 meters		16°13'N 86°50'W
	189 meters		16°12'N 87°03'W
	212 meters		16°12'N 87°15'W
(GIMM019/97)			
401 (INT 401)	5Ed. 6/15/91	LAST NM 14/97	27/97
Delete	R Bn (AERO)		25°42'N 79°16'W
(GIMM001/97)			
401 (INT 401)	5Ed. 6/15/91	LAST NM 27/97	28/97
Delete	R Bn at light		28°28'N 80°33'W
(GIMM002/97)			
401 (INT 401)	5Ed. 6/15/91	LAST NM 28/97	29/97
Delete	Superbuoy ODAS "41006"		29°20'N 77°19'W
(24/97 CG7)			
401 (INT 401)	5Ed. 6/15/91	LAST NM 29/97	30/97
Delete	Light symbol		16°07'N 86°53'W 16°24'N 86°23'W
(17(1506)97 Taunton)			
401 (INT 401)	5Ed. 6/15/91	LAST NM 30/97	27/98
Add	Wreck (PA)		26°13'N 96°25'W
(16/98 CG8)			

401 (INT 401) 5Ed. 6/15/91 LAST NM 27/98 35/98  
Delete Light symbol 29°20'N 94°45'W  
(29/98 CG8)

401 (INT 401) 5Ed. 6/15/91 LAST NM 35/98 45/98  
Add Dangerous wreck 27°01'N 97°08'W  
Dotted-line circle "Obstn" 28°32'N 92°59'W  
(38/98 CG8)

401 (INT 401) 5Ed. 6/15/91 LAST NM 45/98 39/99  
Delete R Bn (AERO) 30°27'N 87°11'W  
(USCG LL)

401 (INT 401) 5Ed. 6/15/91 LAST NM 39/99 48/99  
Add Depth 36 meters Obstn [I10] 29°28'N 88°26'W  
(19/99 CG8)

401 (INT 401) 5Ed. 6/15/91 LAST NM 48/99 50/99  
Delete Light symbol 26°06'N 80°07'W  
(40/99 CG7)

401 (INT 401) 5Ed. 6/15/91 LAST NM 50/99 2/00  
Relocate Superbuoy ODAS "42001" from  
25°56'N 89°40'W to 25°54'N 89°41'W  
(26/99 CG8)

401 (INT 401) 5Ed. 6/15/91 LAST NM 2/00 4/00  
Relocate Superbuoy ODAS "42020" from  
27°01'N 96°30'W to 26°55'N 96°42'W  
(29/99 CG8)

401 (INT 401) 5Ed. 6/15/91 LAST NM 13/00 14/00  
Add Superbuoy ODAS "42040" Y, Fl(4) Y 20s  
[Q58] 29°12.5'N 88°12.0'W  
(42/99 CG8)

401 (INT 401) 5Ed. 6/15/91 LAST NM 14/00 16/00  
Delete Light 27°51'N 97°04'W  
(49/99 CG8)

401 (INT 401) 5Ed. 6/15/91 LAST NM 16/00 22/00  
Delete Light 26°04'N 97°09'W  
(50/99 CG8)

401 (INT 401) 5Ed. 6/15/91 LAST NM 22/00 45/00  
Relocate Superbuoy ODAS "42019" from  
27°55'N 95°00'W to 27°55'N 95°22'W  
(26/00 CG8)

401 (INT 401) 5Ed. 6/15/91 LAST NM 45/00 22/01  
Add Superbuoy ODAS "42054" Y, Fl(4) Y 20s 26°00'N 87°44'W  
(NTM0020/2001)

401 (INT 401) 5Ed. 6/15/91 LAST NM 22/01 24/01  
Substitute Depth 16 meters for 19 meters 28°10'N 94°18'W  
(NOS)

401 (INT 401) 5Ed. 6/15/91 LAST NM 24/01 35/01  
Relocate Superbuoy ODAS "42003" from  
25°56'N 85°55'W to 25°24'N 85°58'W  
(51/00 CG8)

401 (INT 401) 5Ed. 6/15/91 LAST NM 35/01 42/01  
Relocate Superbuoy ODAS "42020" from  
26°55'N 96°42'W to 26°57'N 96°42'W  
Superbuoy ODAS "42019" from  
27°55'N 95°22'W to 27°55'N 95°13'W  
(See 45/00-401)  
(NTM0020/2001)

401 (INT 401) 5Ed. 6/15/91 LAST NM 42/01 22/02  
Delete Superbuoy ODAS "42054" 26°00'N 87°44'W  
(See 22/01-401)  
(NTM0010/2002)

401 (INT 401) 5Ed. 6/15/91 LAST NM 22/02 23/02  
Add Dashed-line circle "Obstn" (PA) 28°44'N 85°09'W  
(19/02 CG8)

401 (INT 401) 5Ed. 6/15/91 LAST NM 23/02 26/02  
Relocate Superbuoy ODAS "42002" from  
25°55'N 93°35'W to 25°11'N 94°25'W  
(22/02 CG8)

401 (INT 401) 5Ed. 6/15/91 LAST NM 26/02 31/02  
Add Superbuoy ODAS [Q58] "42041" Y,  
Fl(4) Y 20s 27°30'N 90°30'W  
(NTM0010/2002)

401 (INT 401) 5Ed. 6/15/91 LAST NM 31/02 33/02  
Add Light symbol [P1] 22°23'N 89°41'W  
(SCT 4/02 Mexico, D.F.; US CH 28221)

401 (INT 401) 5Ed. 6/15/91 LAST NM 33/02 35/02  
Add Superbuoy ODAS [Q58] "41012" Y,  
Fl(4) Y 20s 30°00'N 80°30'W  
(27/02 CG7)

401 (INT 401) 5Ed. 6/15/91 LAST NM 35/02 45/02  
Add Light symbol [P1] 20°30'N 86°58'W  
(Mex LL; NTM0007/2002)

401 (INT 401) 5Ed. 6/15/91 LAST NM 45/02 14/03  
Relocate Superbuoy ODAS "42041" from  
27°30'N 90°30'W to 27°30'N 90°28'W  
(See 31/02-401)  
(NTM0002/2003)

401 (INT 401) 5Ed. 6/15/91 LAST NM 14/03 29/03  
Add Dashed-line circle "Obstn" 27°37'N 89°13'W  
Dashed-line circle "Obstn" 27°06'N 91°06'W  
Dashed-line circle "Obstn" 26°05'N 88°58'W  
Dashed-line circle "Obstn" 25°55'N 91°08'W  
(23/03 CG8)

401 (INT 401) 5Ed. 6/15/91 LAST NM 29/03 33/03  
Relocate Superbuoy ODAS "42003" from  
25°24'N 85°58'W to 26°01'N 85°55'W  
(NTM0002/2003)

401 (INT 401) 5Ed. 6/15/91 LAST NM 33/03 34/03  
Add Wreck [K29] (PA) 28°46'N 92°22'W  
(28/03 CG8)

401 (INT 401) 5Ed. 6/15/91 LAST NM 34/03 44/03  
Relocate Superbuoy ODAS "42019" from  
27°55'N 95°13'W to 27°55'N 95°22'W  
(NTM0002/2003)

401 (INT 401) 5Ed. 6/15/91 LAST NM 44/03 6/04  
Delete Designation "42001" from superbuoy (ODAS)  
25°54'N 89°41'W  
  
Add Superbuoy (ODAS) "42001" Y, Fl(4) Y 20s  
25°51'N 89°40'W  
(NTM0001/2004)

401 (INT 401) 5Ed. 6/15/91 LAST NM 6/04 19/04  
Add Wreck [K29] "Rep (2004)" 25°54'N 79°55'W  
(NTM0001/2004)

401 (INT 401) 5Ed. 6/15/91 LAST NM 19/04 21/04  
Relocate Superbuoy ODAS "41012" from  
30°00'N 80°30'W to 30°03'N 80°33'W  
(NTM0036/2003)

401 (INT 401) 5Ed. 6/15/91 LAST NM 21/04 25/04  
Add Superbuoy ODAS [Q58] "42038"  
Y, Fl(4) Y 20s 27°25'N 92°35'W  
(20/04 CG8)

401 (INT 401)	5Ed. 6/15/91	LAST NM 25/04	27/04
Delete	Depth 8 meters and enclosing dotted-line circle		
		16°57'N 83°15'W	
Add	Depth 26 meters	16°54'N 83°20'W	
	(NTM0012/2004)		
401 (INT 401)	5Ed. 6/15/91	LAST NM 27/04	36/04
Delete	Dashed-line circle "Obstn"	27°37'N 89°13'W	
	Dashed-line circle "Obstn"	27°06'N 91°06'W	
	Dashed-line circle "Obstn"	26°05'N 88°58'W	
	Dashed-line circle "Obstn"	25°55'N 91°08'W	
	(26/04 CG8)		
401 (INT 401)	5Ed. 6/15/91	LAST NM 36/04	37/04
Add	Dashed-line circle "Obstn"	26°02'N 96°15'W	
	Dashed-line circle "Obstn"	26°03'N 95°57'W	
	Dashed-line circle "Obstn"	26°03'N 95°35'W	
	Dashed-line circle "Obstn"	26°02'N 94°06'W	
	Dashed-line circle "Obstn"	26°37'N 96°17'W	
	Dashed-line circle "Obstn"	26°38'N 95°33'W	
	Dashed-line circle "Obstn"	26°30'N 94°49'W	
	Dashed-line circle "Obstn"	26°37'N 93°56'W	
	Dashed-line circle "Obstn"	27°08'N 96°08'W	
	Dashed-line circle "Obstn"	27°13'N 95°31'W	
	Dashed-line circle "Obstn"	26°55'N 94°43'W	
	Dashed-line circle "Obstn"	27°25'N 94°40'W	
	Dashed-line circle "Obstn"	27°10'N 93°54'W	
	(27/04 CG8)		
401 (INT 401)	5Ed. 6/15/91	LAST NM 37/04	38/04
Add	Wreck [K29] (PA)	24°53'N 83°04'W	
	(NOS)		
401 (INT 401)	5Ed. 6/15/91	LAST NM 38/04	49/04
Relocate	Superbuoy ODAS "42040" from		
	29°12'N 88°12'W to	29°11'N 88°13'W	
	(NTM0036/2003)		
401 (INT 401)	5Ed. 6/15/91	LAST NM 49/04	9/05
Add	Dashed-line circle "Obstn"	26°29'N 95°22'W	
	(5/05 CG8)		
401 (INT 401)	5Ed. 6/15/91	LAST NM 9/05	23/05
Add	Superbuoy ODAS [Q58] "42055" Y,		
	Fl(4) Y 20s	22°01'N 94°03'W	
	Superbuoy ODAS [Q58] "42056" Y,		
	Fl(4) Y 20s	19°52'N 85°04'W	
	(NTM0006/2005)		
401 (INT 401)	5Ed. 6/15/91	LAST NM 23/05	26/05
Add	Depth 1116 meters "Rep (2005)"	27°26'N 76°35'W	
	(NTM0024/2005)		
401 (INT 401)	5Ed. 6/15/91	LAST NM 26/05	27/05
Delete	Superbuoy ODAS "42041"	27°30'N 90°28'W	
	(13/05 CG8)		
401 (INT 401)	5Ed. 6/15/91	LAST NM 27/05	35/05
Relocate	Superbuoy ODAS "42039" from		
	28°47'N 86°02'W to	28°48'N 86°01'W	
	(23/05 CG8)		
401 (INT 401)	5Ed. 6/15/91	LAST NM 35/05	36/05
Add	Dashed-line circle "Obstn"	27°56'N 91°54'W	
	Dashed-line circle "Obstn"	27°57'N 92°21'W	
	(24/05 CG8)		
401 (INT 401)	5Ed. 6/15/91	LAST NM 36/05	43/05
Delete	Superbuoy ODAS	25°54'N 89°41'W	
Relocate	Superbuoy ODAS "42001" from		
	25°51'N 89°40'W to	25°54'N 89°40'W	
	(NTM0032/2005)		
401 (INT 401)	5Ed. 6/15/91	LAST NM 43/05	48/05
Add	Depth 17 meters "Rep (2005)"	21°55'N 91°49'W	
	(NTM0004/2005)		
401 (INT 401)	5Ed. 6/15/91	LAST NM 48/05	4/06
Add	Light symbol [P1]	21°11'N 86°48'W	
	(10(Sec 3)05 Mexico, D.F.)		
401 (INT 401)	5Ed. 6/15/91	LAST NM 4/06	13/06
Delete	Superbuoy ODAS "42003"	26°01'N 85°55'W	
Add	Superbuoy ODAS "42003" Y (inverted)	25°59'N 85°50'W	
	(NOS)		
401 (INT 401)	5Ed. 6/15/91	LAST NM 13/06	14/06
Delete	Superbuoy ODAS "42003"	25°59'N 85°50'W	
	(See 13/06-401)		
Add	Superbuoy ODAS "42003" Y, Fl(4) Y 20s	26°04'N 85°57'W	
	(NTM0003/2006)		
401 (INT 401)	5Ed. 6/15/91	LAST NM 14/06	21/06
Add	Superbuoy ODAS [Q58] "42408" Or W,		
	Fl(4) Y 20s	25°25'N 86°48'W	
	(18/06 CG8)		
401 (INT 401)	5Ed. 6/15/91	LAST NM 21/06	25/06
Add	Superbuoy ODAS "42070" Or W, Fl(4) Y 20s		
	[Q58]	28°33'N 88°10'W	
	(22/06 CG8)		
401 (INT 401)	5Ed. 6/15/91	LAST NM 25/06	28/06
Add	Depth 390 meters	23°07'N 79°16'W	
	(NTM0007/2005)		
401 (INT 401)	5Ed. 6/15/91	LAST NM 28/06	42/06
Add	Depth 9 meters Wk [K26]	16°21.0'N 80°20.5'W	
	(33(3834)05 Taunton)		
401 (INT 401)	5Ed. 6/15/91	LAST NM 42/06	50/06
Add	Depth 7 meters Obstn [K41] "Rep (2006)"	16°28.5'N 81°21.8'W	
	Depth 7 meters Obstn [K41] "Rep (2006)"	16°23.0'N 81°18.5'W	
	(43(4946)06 Taunton)		
401 (INT 401)	5Ed. 6/15/91	LAST NM 50/06	17/08
Delete	Superbuoy ODAS "42070"	28°33'N 88°10'W	
	(13/08 CG8)		
401 (INT 401)	5Ed. 6/15/91	LAST NM 17/08	25/08
Relocate	Superbuoy ODAS "41010" from		
	28°53.1'N 78°30.0'W to	28°54.4'N 78°28.3'W	
	(22/08 CG7)		
401 (INT 401)	5Ed. 6/15/91	LAST NM 25/08	1/09
Relocate	Superbuoy ODAS "42003" from		
	26°04'N 85°57'W to	25°58'N 85°36'W	
	(50/08 CG8)		
401 (INT 401)	5Ed. 6/15/91	LAST NM 1/09	16/09
Add	Depth 733 meters	27°31'N 94°04'W	
	(NTM0019/2009)		
401 (INT 401)	5Ed. 6/15/91	LAST NM 16/09	24/09
Add	Depth 1712 meters "Rep (2009)"	25°31'N 77°24'W	
	(NTM0035/2008)		
401 (INT 401)	5Ed. 6/15/91	LAST NM 24/09	28/09
Add	Dashed-line circle with legend "Obstn (shallow)"	25°58'N 88°03'W	
	Dashed-line circle with legend "Obstn (shallow)"	25°49'N 87°33'W	
	Dashed-line circle with legend "Obstn (shallow)"	25°41'N 87°03'W	
	Dashed-line circle with legend "Obstn (shallow)"	25°29'N 86°34'W	

(continued on next page)

**401** (Continued) 28/09  
 Dashed-line circle with legend "Obstn (deep)" 25°18'N 86°05'W  
 Dashed-line circle with legend "Obstn (deep)" 26°25'N 87°51'W  
 Dashed-line circle with legend "Obstn (shallow)" 26°15'N 87°19'W  
 Dashed-line circle with legend "Obstn (shallow)" 26°07'N 86°50'W  
 Dashed-line circle with legend "Obstn (shallow)" 25°56'N 86°21'W  
 Dashed-line circle with legend "Obstn (deep)" 25°44'N 85°52'W  
 Dashed-line circle with legend "Obstn (deep)" 25°33'N 85°23'W  
 Dashed-line circle with legend "Obstn (deep)" 26°42'N 87°07'W  
 Dashed-line circle with legend "Obstn (deep)" 26°33'N 86°37'W  
 Dashed-line circle with legend "Obstn (shallow)" 26°23'N 86°09'W  
 Dashed-line circle with legend "Obstn (shallow)" 26°11'N 85°39'W  
 Dashed-line circle with legend "Obstn (deep)" 26°00'N 85°09'W  
 Legend "SEE NOTE" 26°02'N 86°36'W  
 Note  
 "SUBMERGED DATA COLLECTION MOORINGS  
 Dashed-line circles labeled "Obstn (shallow)" or "(deep)" are data collection moorings which will remain on station until late 2011. The deep moorings are tethered 100 meters above the seabed, while the shallow moorings are tethered 70 meters below the ocean surface. These moorings have passive data collection instruments as well as devices which emit acoustic signals. Caution is advised in the vicinity of these moorings." 20°33'N 88°43'W  
 (NTM0004/2009)

**401** (INT 401) 5Ed. 6/15/91 LAST NM 28/09 33/09  
 Add Depth 3968 meters 30°11'N 75°51'W  
 (NTM0022/2009)

**401** (INT 401) 5Ed. 6/15/91 LAST NM 33/09 34/09  
 Add Superbuoy ODAS [Q58] "42080" Y, Fl(4) Y 20s 24°24'N 81°56'W  
 (20/09 CG7)

**401** (INT 401) 5Ed. 6/15/91 LAST NM 34/09 47/09  
 Add Superbuoy ODAS [Q58] "42058" Y, Fl(4) Y 20s 15°05.5'N 75°03.9'W  
 (NTM0030/2009)

**401** (INT 401) 5Ed. 6/15/91 LAST NM 47/09 6/10  
 Add Light 18°43'N 87°42'W  
 (12(273)09 Mexico, D.F.)

**401** (INT 401) 5Ed. 6/15/91 LAST NM 6/10 42/10  
 Relocate Superbuoy ODAS "42003" from 25°58'N 85°36'W to 26°03'N 85°37'W  
 (38/10 CG8)

**401** (INT 401) 5Ed. 6/15/91 LAST NM 42/10 52/10  
 Substitute Depth 157 meters for 161 meters 20°28.4'N 80°26.8'W  
 (48(6306)09 Taunton)

**401** (INT 401) 5Ed. 6/15/91 LAST NM 52/10 40/11  
 Add Depth 10 meters "Rep (2011)" 22°21'N 97°14'W  
 (7(119)11 SM Mexico, D.F.)

**401** (INT 401) 5Ed. 6/15/91 LAST NM 40/11 43/11  
 Delete Depth 153 meters, blue tint and enclosing dotted-line circle centered 24°55'N 77°50'W  
 (NTM0011/2011)

**401** (INT 401) 5Ed. 6/15/91 LAST NM 43/11 35/12  
 Delete Dashed-line circle "Obstn (shallow)" 25°58'N 88°03'W  
 Dashed-line circle "Obstn (shallow)" 25°49'N 87°33'W  
 Dashed-line circle "Obstn (shallow)" 25°41'N 87°03'W  
 Dashed-line circle "Obstn (shallow)" 25°29'N 86°34'W  
 Dashed-line circle "Obstn (deep)" 25°18'N 86°05'W  
 Dashed-line circle "Obstn (deep)" 26°25'N 87°51'W  
 Dashed-line circle "Obstn (shallow)" 26°15'N 87°19'W  
 Dashed-line circle "Obstn (shallow)" 26°07'N 86°50'W  
 Dashed-line circle "Obstn (shallow)" 25°56'N 86°21'W  
 Dashed-line circle "Obstn (deep)" 25°44'N 85°52'W  
 Dashed-line circle "Obstn (deep)" 25°33'N 85°23'W  
 Dashed-line circle "Obstn (deep)" 26°42'N 87°07'W  
 Dashed-line circle "Obstn (deep)" 26°33'N 86°37'W  
 Dashed-line circle "Obstn (shallow)" 26°23'N 86°09'W  
 Dashed-line circle "Obstn (shallow)" 26°11'N 85°39'W  
 Dashed-line circle "Obstn (deep)" 26°00'N 85°09'W  
 Legend "SEE NOTE" 26°02'N 86°36'W  
 Note "SUBMERGED...MOORINGS" 20°33'N 88°43'W  
 (NTM0004/2009)

**401** (INT 401) 5Ed. 6/15/91 LAST NM 35/12 48/12  
 Add Wreck [K29] 22°53'N 97°36'W  
 (9/12 (SM) Mexico, D.F.)

**401** (INT 401) 5Ed. 6/15/91 LAST NM 48/12 43/13  
 Delete Light and designation "42055" from superbuoy ODAS 22°01'N 94°03'W  
 Add Superbuoy ODAS "42055" Y, Fl(4) Y 20s 22°12'N 94°00'W  
 (31/13 CG8)

**401** (INT 401) 5Ed. 6/15/91 LAST NM 43/13 35/14  
 Add Light symbol 24°27'N 81°53'W  
 (26/14 CG7)

**401** (INT 401) 5Ed. 6/15/91 LAST NM 35/14 40/14  
 Delete Light 29°01'N 89°10'W  
 (28/14 CG8)

**401** (INT 401) 5Ed. 6/15/91 LAST NM 40/14 17/16  
 Delete Light 24°39'N 82°56'W  
 (38/15 CG7)

**401** (INT 401) 5Ed. 6/15/91 LAST NM 17/16 42/16  
 Add Note "NOTE  
 Ocean Data Acquisition System (ODAS) buoys will no longer be maintained on this chart unless located in areas where larger scale chart coverage is unavailable." 17°00'N 91°30'W  
 (NTM0008/2014)

**★401** (INT 401) 5Ed. 6/15/91 LAST NM 42/16 43/17  
 Delete Depth 264 meters and enclosing dotted-line circle in vicinity 17°01'N 79°31'W  
 Add Depth 639 meters enclosed by depth contour (1000-meter) centered 17°49'N 79°20'W  
 (NTM0005/2017)

**★402** (INT 402) 4Ed. 5/25/85 NEW EDITION 32/85  
 (DMAHTC)

**402** (INT 402) 4Ed. 5/25/85 LAST NM 32/85 39/85  
 Substitute Depths 22 meters for 9 meters 17°52'N 77°59'W  
 18 meters for 17 meters 17°59'N 78°04'W  
 (46(2296, 2297)75 Taunton)

**402** (INT 402) 4Ed. 5/25/85 LAST NM 39/85 42/85  
 Add Depth 287 meters "Rep (1985)" 20°45.5'N 73°24.5'W  
 Light symbol 12°16.0'N 71°58.0'W  
 R Bn (AERO) 12°14.0'N 72°00.0'W  
 (HNNM7588/85; 35(2309)85 Taunton)

**402** (INT 402) 4Ed. 5/25/85 LAST NM 42/85 46/85  
 Delete Depths 60 meters 16°34'N 61°54'W  
 73 meters 16°30'N 62°04'W  
 (HNNM7469/85, 7601/85)



402 (INT 402)	4Ed. 5/25/85	LAST NM 46/85	9/86
Delete	Depth 9 meters	15°21'N 81°11'W	
(HNNM7693/86)			
402 (INT 402)	4Ed. 5/25/85	LAST NM 9/86	10/86
Delete	Depths		
	28 meters	17°20'N 77°56'W	
	14 meters	13°53'N 78°18'W	
	11 meters	15°58'N 81°01'W	
	6 meters	13°34'N 81°48'W	
	13 meters	16°27'N 82°15'W	
(HNNM7695/86)			
402 (INT 402)	4Ed. 5/25/85	LAST NM 10/86	12/86
Delete	Depth 12 meters	14°35'N 60°46'W	
Add	Depth 15 meters	14°34'N 60°46'W	
(2(176)86 Taunton)			
402 (INT 402)	4Ed. 5/25/85	LAST NM 12/86	14/86
Delete	Depth 7 meters	18°29'N 84°10'W	
Add	Depth 29 meters "Rep (1985)"	15°59'N 81°01'W	
	Depth 152 meters	15°41'N 61°29'W	
(1(99), 2(177)86 Taunton; HNNM7729/86)			
402 (INT 402)	4Ed. 5/25/85	LAST NM 14/86	18/86
Add	Depth 4 meters enclosed by danger circle (ED)	17°35'N 63°35'W	
(5(97)86 's-Gravenhage)			
402 (INT 402)	4Ed. 5/25/85	LAST NM 18/86	45/86
Add	Depth 30 meters "Rep (1986)" (PA)	18°48.6'N 83°15.2'W	
(14(1454)86 Hamburg)			
402 (INT 402)	4Ed. 5/25/85	LAST NM 45/86	52/86
Substitute	Depth 21 meters for 31 meters	18°48.0'N 83°18.4'W	
(42(3092)86 Taunton)			
402 (INT 402)	4Ed. 5/25/85	LAST NM 52/86	1/87
Delete	R Bn (AERO)	11°12'N 68°24'W	
(39(2855)86 Taunton)			
402 (INT 402)	4Ed. 5/25/85	LAST NM 1/87	15/87
Delete	Depth 46 meters	22°07'N 74°23'W	
(MCNM7932/87)			
402 (INT 402)	4Ed. 5/25/85	LAST NM 15/87	21/87
Add	Depths		
	159 meters	18°21.5'N 83°44.0'W	
	21 meters	18°21.9'N 84°14.6'W	
	28 meters	18°48.7'N 83°14.9'W	
(MCNM7936/87)			
402 (INT 402)	4Ed. 5/25/85	LAST NM 21/87	35/87
Delete	Depth 31 meters	14°10'N 60°50'W	
(6(81)87 Brest)			
402 (INT 402)	4Ed. 5/25/85	LAST NM 35/87	49/87
Delete	Depth 18 meters	14°30'N 80°25'W	
(MCNM8020/87)			
402 (INT 402)	4Ed. 5/25/85	LAST NM 49/87	9/88
Add	Rock awash	22°00'N 76°09'W	
(MCNM8057/88)			
402 (INT 402)	4Ed. 5/25/85	LAST NM 9/88	24/88
Delete	R Bn (AERO) at light	17°24'N 83°56'W	
(9(756)88 Taunton)			
402 (INT 402)	4Ed. 5/25/85	LAST NM 24/88	32/88
Substitute	Depth 389 meters for 438 meters	20°50'N 74°01'W	
(MCNM8123/88)			
402 (INT 402)	4Ed. 5/25/85	LAST NM 32/88	33/88
Add	Depth 12 meters "Rep (1988)" (PA)	18°47'N 83°51'W	
(20(1558)88 Taunton)			
402 (INT 402)	4Ed. 5/25/85	LAST NM 33/88	43/88
Add	Depths		
	24 meters	17°12.9'N 75°25.0'W	
	56 meters	17°15.3'N 75°24.5'W	
(MCNM8078/88)			
402 (INT 402)	4Ed. 5/25/85	LAST NM 43/88	48/88
Delete	Depths		
	49 meters	17°00'N 82°17'W	
	25 meters	18°37'N 83°12'W	
	31 meters	18°37'N 83°08'W	
	23 meters	18°35'N 83°23'W	
	33 meters	18°33'N 83°47'W	
	7 meters	18°28'N 83°51'W	
	40 meters	18°29'N 84°17'W	
	31 meters	18°25'N 84°10'W	
	18 meters	18°44'N 84°07'W	
(MCNM8169/88)			
402 (INT 402)	4Ed. 5/25/85	LAST NM 48/88	50/88
Delete	Depths		
	112 meters	17°26'N 71°44'W	
	43 meters	16°50'N 61°40'W	
	37 meters	16°45'N 61°41'W	
	35 meters	16°38'N 61°34'W	
	44 meters	16°39'N 61°31'W	
	24 meters	16°34'N 61°36'W	
(MCNM8169/88)			
402 (INT 402)	4Ed. 5/25/85	LAST NM 50/88	11/89
Add	Depth 25 meters "Rep (1987)"	20°14.9'N 69°14.4'W	
(MCNM1030/89)			
402 (INT 402)	4Ed. 5/25/85	LAST NM 11/89	38/89
Delete	Depth 108 meters	21°48'N 76°18'W	
Add	Depth 16 meters enclosed by danger circle	21°50'N 76°19'W	
(MCNM1102/89)			
402 (INT 402)	4Ed. 5/25/85	LAST NM 38/89	23/90
Add	Depth 18 meters	18°47.0'N 83°14.0'W	
(25(58)89 Brest)			
402 (INT 402)	4Ed. 5/25/85	LAST NM 23/90	51/90
Delete	Depths		
	75 meters	18°51'N 68°24'W	
	60 meters	18°52'N 68°14'W	
	9 meters	18°29'N 68°19'W	
	22 meters "Rep (1979)" (PA)	18°33'N 68°07'W	
(MCNM1058/90)			
402 (INT 402)	4Ed. 5/25/85	LAST NM 51/90	34/91
Add	Depth 153 meters "Rep (1991)"	18°20.0'N 67°45.0'W	
(25(1829)91 Taunton)			
402 (INT 402)	4Ed. 5/25/85	LAST NM 34/91	7/92
Add	Depths		
	161 meters "Rep (1978)" (PA)	12°58'N 59°34'W	
	77 meters "Rep (1975)"	12°55'N 59°36'W	
(MCC1168/92; 1(107)79 Taunton)			
402 (INT 402)	4Ed. 5/25/85	LAST NM 7/92	24/93
Substitute	Depth 204 meters for 293 meters	13°46'N 81°18'W	
Add	Depth 835 meters	13°28'N 81°00'W	
(Col CH 004)			
★402 (INT 402)	4Ed. 5/25/85	LAST NM 24/93	49/93
Delete	Dangerous wreck	18°33.3'N 75°38.0'W	
Add	Dangerous wreck	18°33.3'N 75°45.4'W	
(39(511)93 's-Gravenhage)			
402 (INT 402)	4Ed. 5/25/85	LAST NM 49/93	51/93
Add	Depth 29 meters enclosed by depth contour (30-meter)	17°47'N 75°52'W	
(33(533)93 Hamburg)			

402 (INT 402) 4Ed. 5/25/85 LAST NM 51/93 32/94  
Delete R Bn at light 21°52'N 84°57'W  
Add Light symbol 22°14'N 83°34'W  
(1(18), 2(36)94 Habana)

402 (INT 402) 4Ed. 5/25/85 LAST NM 32/94 46/94  
Add Superbuoy ODAS "41018" Y, Fl(4) Y 20s 15°00'N 75°00'W  
(35/94 CG7)

402 (INT 402) 4Ed. 5/25/85 LAST NM 46/94 12/96  
Delete R Bn at light 22°03'N 80°26'W  
(5(103)95 Habana)

402 (INT 402) 4Ed. 5/25/85 LAST NM 12/96 13/96  
Delete Superbuoy ODAS "41018" 15°00'N 75°00'W  
(8/96 CG7)

402 (INT 402) 4Ed. 5/25/85 LAST NM 13/96 42/96  
Delete R Bn (AERO) 12°13'N 69°04'W  
(BA RA)

402 (INT 402) 4Ed. 5/25/85 LAST NM 42/96 45/96  
Delete Light 18°24'N 75°00'W  
Add Light symbol 10°45'N 62°43'W  
(37/96 CG7; 28/96 Caracas)

402 (INT 402) 4Ed. 5/25/85 LAST NM 45/96 23/97  
Delete R Bn (AERO) at light 22°41'N 78°53'W  
(9(222)96 Habana)

402 (INT 402) 4Ed. 5/25/85 LAST NM 23/97 49/98  
Delete R Bn (AERO) 16°16'N 61°32'W  
(BA RA)

402 (INT 402) 4Ed. 5/25/85 LAST NM 49/98 7/01  
Delete Light 12°37'N 70°03'W  
Light 11°59'N 68°39'W  
Light 12°25'N 69°52'W  
(42(482)00 's-Gravenhage)

402 (INT 402) 4Ed. 5/25/85 LAST NM 7/01 27/04  
Delete Depth 8 meters and enclosing dotted-line circle 16°58'N 83°15'W  
Add Depth 26 meters 16°54'N 83°20'W  
(NTM0012/2004)

402 (INT 402) 4Ed. 5/25/85 LAST NM 27/04 28/06  
Add Depth 390 meters 23°07'N 79°16'W  
(NTM0007/2005)

402 (INT 402) 4Ed. 5/25/85 LAST NM 28/06 42/06  
Add Depth 9 meters Wk [K26] 16°21.0'N 80°20.5'W  
(33(3834)05 Taunton)

402 (INT 402) 4Ed. 5/25/85 LAST NM 42/06 50/06  
Add Depth 7 meters Obsta [K41] "Rep (2006)" 16°29'N 81°22'W  
Depth 7 meters Obsta [K41] "Rep (2006)" 16°23'N 81°19'W  
(43(4946)06 Taunton)

402 (INT 402) 4Ed. 5/25/85 LAST NM 50/06 8/07  
Delete Depth 13 meters 20°09.0'N 68°50.0'W  
Add Depth 8 meters 20°07.5'N 68°51.0'W  
Depth 63 meters, blue tint and enclosing  
dotted-line circle 20°02.8'N 69°21.7'W  
(46(5388)05 Taunton)

402 (INT 402) 4Ed. 5/25/85 LAST NM 8/07 9/07  
Add Light symbol [P1] 12°25'N 69°52'W  
(12(1538)05 Taunton)

402 (INT 402) 4Ed. 5/25/85 LAST NM 9/07 4/08  
Add Light symbol [P1] 10°28'N 64°10'W  
(42/07 Caracas)

402 (INT 402) 4Ed. 5/25/85 LAST NM 4/08 42/08  
Add Light symbol [P1] 14°09'N 81°10'W  
(29/08 Bogota)

402 (INT 402) 4Ed. 5/25/85 LAST NM 42/08 44/08  
Add Depth 351 meters 12°44'N 59°24'W  
Depth 1392 meters 12°11'N 60°42'W  
Depth 1370 meters 12°30'N 60°04'W  
Depth 1050 meters 10°56'N 59°42'W  
Depth 1479 meters 11°24'N 59°25'W  
Depth 1045 meters 11°32'N 60°16'W  
Depth 707 meters 11°18'N 60°14'W  
Depth 950 meters 11°44'N 60°12'W  
Depth 449 meters 10°01'N 59°23'W  
Depth 450 meters 12°44'N 60°56'W  
(19(37)06 Brest)

402 (INT 402) 4Ed. 5/25/85 LAST NM 44/08 4/09  
Add Light symbol [P1] 10°05.5'N 65°10.8'W  
(51/08 Caracas)

402 (INT 402) 4Ed. 5/25/85 LAST NM 4/09 16/09  
Add Light symbol [P1] 9°34.8'N 71°03.9'W  
(1/09 Caracas)

★402 (INT 402) 4Ed. 5/25/85 LAST NM 16/09 23/09  
Add Superbuoy ODAS [Q58] "41044" Y,  
Fl(4) Y 20s 21°39'N 58°42'W  
(NTM0025/2009)

402 (INT 402) 4Ed. 5/25/85 LAST NM 23/09 29/09  
Add Superbuoy ODAS [Q58] "42060" Y,  
Fl(4) Y 20s 16°30'N 63°30'W  
(NTM0025/2009)

★402 (INT 402) 4Ed. 5/25/85 LAST NM 29/09 47/09  
Add Superbuoy ODAS [Q58] "42058" Y,  
Fl(4) Y 20s 15°05.5'N 75°03.9'W  
Superbuoy ODAS [Q58] "41043" Y,  
Fl(4) Y 20s 21°59.3'N 65°00.8'W  
Superbuoy ODAS [Q58] "41420" Y,  
Fl(4) Y 20s 23°18.8'N 67°40.1'W  
Superbuoy ODAS [Q58] "41421" Y,  
Fl(4) Y 20s 23°24.0'N 63°54.0'W  
Superbuoy ODAS [Q58] "42059" Y,  
Fl(4) Y 20s 15°00.3'N 67°29.7'W  
Superbuoy ODAS [Q58] "42407" Y,  
Fl(4) Y 20s 15°15.6'N 68°14.5'W  
(41/09 CG7; NTM0030/2009)

402 (INT 402) 4Ed. 5/25/85 LAST NM 47/09 49/09  
Delete Depth 1530 meters 9°12'N 58°53'W  
Add Depth 530 meters 9°10'N 58°50'W  
(39(40)09 Brest)

402 (INT 402) 4Ed. 5/25/85 LAST NM 49/09 51/09  
Add Light symbol [P1] 15°12.5'N 61°22.3'W  
(7(758)07 Taunton)

402 (INT 402) 4Ed. 5/25/85 LAST NM 51/09 3/10  
Add Depth 183 meters "Rep (2006)" 18°25'N 67°40'W  
Depth 183 meters 18°19'N 67°41'W  
(NOS)

402 (INT 402) 4Ed. 5/25/85 LAST NM 3/10 52/10  
Substitute Depth 157 meters for 161 meters 20°28.4'N 80°26.8'W  
(48(6306)09 Taunton)

402 (INT 402) 4Ed. 5/25/85 LAST NM 52/10 49/11  
Delete Depth 283 meters, enclosing depth contour  
(1000-meter) and legend "Rep (1980)" 13°18'N 80°25'W  
(40(4457)11 Taunton)

402 (INT 402)	4Ed. 5/25/85	LAST NM 49/11	8/12		
Add	Depth 23 meters, blue tint and enclosing dotted-line circle centered		11°55'N 82°22'W		
	(40(4455)11 Taunton)				
402 (INT 402)	4Ed. 5/25/85	LAST NM 8/12	30/12		
Relocate	Superbuoy ODAS "42060" from 16°30.0'N 63°30.0'W to 16°20.0'N 63°30.0'W				
	(NTM0007/2012)				
402 (INT 402)	4Ed. 5/25/85	LAST NM 30/12	11/14		
Add	Depth 160 meters, blue tint and enclosing depth contour (200-meter) centered		11°30'N 68°25'W		
	(7(706)14 Taunton)				
402 (INT 402)	4Ed. 5/25/85	LAST NM 11/14	17/14		
Delete	Superbuoy ODAS "41044"		21°39'N 58°42'W		
	(NTM0003/2013)				
★402 (INT 402)	4Ed. 5/25/85	LAST NM 17/14	42/14		
Delete	Depth 366 meters and enclosing dotted-line circle centered		19°26'N 64°53'W		
	Depth 22 meters and enclosing dotted-line circle centered		18°21'N 64°10'W		
	(NTM0012/2014)				
402 (INT 402)	4Ed. 5/25/85	LAST NM 42/14	5/16		
Delete	Blue tint and enclosing dotted-line circle centered		11°07'N 76°14'W		
	(169/15 Bogota)				
402 (INT 402)	4Ed. 5/25/85	LAST NM 5/16	22/17		
Add	Depth 483 meters enclosed by depth contour (1000-meter) centered		16°27'N 61°51'W		
	(22(255)16 Brest)				
402 (INT 402)	4Ed. 5/25/85	LAST NM 22/17	37/17		
Delete	Danger circle		16°59'N 82°16'W		
	(UKHO ARCS 1218-0)				
★402 (INT 402)	4Ed. 5/25/85	LAST NM 37/17	43/17		
Delete	Depth 264 meters (ED) and enclosing dotted-line circle in vicinity		17°00'N 79°32'W		
Add	Depth 639 meters enclosed by depth contour (1000-meter) centered		17°49'N 79°20'W		
	(NTM0005/2017)				
★402 (INT 402)	4Ed. 5/25/85	LAST NM 43/17	44/17		
Delete	Depth 5 meters, blue tint and enclosing dotted-line circle in vicinity		14°27'N 81°23'W		
	(NTM0005/2017)				
★411	54Ed. 8/13	NEW EDITION	44/13		
Delete	Light and designation "42055" from superbuoy ODAS		22°01'N 94°03'W		
	(Previously published 43/13)				
	(NOS)				
411	54Ed. 8/13	LAST NM 44/13	1/14		
Add	Dashed-line circle		24°24'N 81°24'W		
	Dashed-line circle		24°13'N 81°22'W		
	Dashed-line circle		24°02'N 81°17'W		
	Dashed-line circle		23°50'N 81°14'W		
	Dashed-line circle		23°40'N 81°13'W		
	Dashed-line circle		23°30'N 81°09'W		
	Dashed-line circle		23°19'N 81°06'W		
	Legend "Subm buoys (7) (cov 21fms)" between		24°14'N 81°18'W		
			23°30'N 81°06'W		
	(44/13 CG7)				
★411	54Ed. 8/13	LAST NM 1/14	5/14		
Delete	Light (FG)		29°00'N 89°09'W		
Add	Dashed-line circle "Fish haven (auth min 25fms)" [K46.2]		28°48'N 89°10'W		
	Platform [L10]		26°14'N 91°16'W		
	(NOS; 45/13 CG8)				
★411	54Ed. 8/13	LAST NM 5/14	6/14		
Add	Racon (••-) [S3.3] to platform		26°14'N 91°16'W		
	(See 5/14-411)				
	(47/13 CG8)				
411	54Ed. 8/13	LAST NM 6/14	17/14		
Change	Visibility (range) of light to 4M		24°40'N 82°27'W		
	(9/14 CG7)				
411	54Ed. 8/13	LAST NM 17/14	22/14		
Add	Wreck [K29] (PA)		29°08'N 85°27'W		
	(12/14 CG8)				
411	54Ed. 8/13	LAST NM 22/14	23/14		
Delete	Superbuoy (ODAS) "TMB-3"		23°45'N 76°54'W		
	(NOS)				
411	54Ed. 8/13	LAST NM 23/14	35/14		
Change	Light to Fl(2) 15s 13M and delete Racon		24°27'N 81°53'W		
	Light to Fl(3) 13M and delete Racon		25°14'N 80°13'W		
	(26/14 CG7)				
411	54Ed. 8/13	LAST NM 35/14	40/14		
Delete	Light		29°02'N 89°10'W		
	(28/14 CG8)				
411	54Ed. 8/13	LAST NM 40/14	43/14		
Delete	Light		24°35'N 82°35'W		
Add	Submarine cable [L30.1] between		30°13'N 81°04'W		
	(NOS; 31/14 CG7)		29°55'N 80°42'W		
411	54Ed. 8/13	LAST NM 43/14	45/14		
Add	Depth 5¾ fathoms Obstn [K41]		27°05'N 80°02'W		
	(NOS)				
411	54Ed. 8/13	LAST NM 45/14	48/14		
Delete	Buoy "42409"		26°39'N 85°48'W		
	(38/14 CG8)				
411	54Ed. 8/13	LAST NM 48/14	49/14		
Add	Depth 11 fathoms Wk [K26]		30°33'N 80°58'W		
	Depth 12 fathoms Wks [K26]		30°32'N 81°04'W		
	(NTM0001/2014)				
411	54Ed. 8/13	LAST NM 49/14	1/15		
Add	Submarine cable [L30.1] joining		29°55'N 80°42'W		
	(See 43/14-411)		29°44'N 80°23'W		
	(NTM0024/2014)		29°45'N 80°13'W		
411	54Ed. 8/13	LAST NM 1/15	4/15		
Relocate	Buoy from 26°40'N 90°28'W to		26°36'N 90°14'W		
	(43/14 CG8)				
411	54Ed. 8/13	LAST NM 4/15	6/15		
Relocate	Superbuoy ODAS "42003" from 26°03'N 85°37'W to		26°00'N 85°39'W		
Add	Buoy ODAS Y, Fl Y 2.5s (Priv)		26°24'N 90°50'W		
	Buoy ODAS Y, Fl(4) Y 20s		26°00'N 85°44'W		
	Buoy ODAS Y, Fl(4) Y 20s		25°56'N 85°42'W		
	(46/14 CG8)				
411	54Ed. 8/13	LAST NM 6/15	12/15		
Add	"SAFETY ZONE 147.851 (see note A)", 0.5 mile square, bound by purple dashed line [N1.2], centered on platform		26°14'N 91°16'W		
	(NOS)				
411	54Ed. 8/13	LAST NM 12/15	17/15		
Relocate	Buoy from 26°36'N 90°14'W to		26°40'N 90°28'W		
	(Supersedes 4/15-411)				
	(3/15 CG8)				

411 54Ed. 8/13 LAST NM 17/15 18/15  
 Change Orientation of purple open-outlined arrow to 110° 22°45'N 78°37'W  
 Orientation of purple open-outlined arrow to 290° 22°46'N 78°35'W  
 Orientation of purple open-outlined arrow to 110° 22°35'N 78°10'W  
 Orientation of purple open-outlined arrow to 290° 22°38'N 78°10'W  
 Orientation of purple open-outlined arrow to 123° 22°25'N 77°52'W  
 Orientation of purple open-outlined arrow to 303° 22°28'N 77°52'W  
 Orientation of purple open-outlined arrow to 131° 22°13'N 77°35'W  
 Orientation of purple open-outlined arrow to 311° 22°16'N 77°34'W  
 Orientation of purple open-outlined arrow to 113° 21°46'N 77°01'W  
 Orientation of purple open-outlined arrow to 293° 21°48'N 77°00'W

Add AIS [S17.1] to light 24°42'N 82°46'W  
 Designation "M" and AIS [S17.2] to buoy 25°46'N 80°05'W  
 AIS [S17.2] to buoy "PE" 26°06'N 80°04'W  
 AIS [S17.2] to buoy "LW" 26°47'N 80°01'W  
 (NOS; 8/15 CG7)

411 54Ed. 8/13 LAST NM 18/15 28/15  
 Add "Fish haven (33fms rep)" area [K46.2] bound by dashed line joining 32°02'N 79°10'W  
 32°05'N 79°14'W  
 32°10'N 79°09'W  
 32°07'N 79°06'W  
 and delete depth contour within above area  
 (NOS)

411 54Ed. 8/13 LAST NM 28/15 41/15  
 Change Light to Fl(5) 7M 24°38'N 81°07'W  
 and delete Racon  
 (33/15 CG7)

411 54Ed. 8/13 LAST NM 41/15 12/16  
 Add Obstruction "Fish haven (auth min 9fms)" [K46.2] 25°54'N 82°14'W  
 (NOS)

411 54Ed. 8/13 LAST NM 12/16 14/16  
 Change Light to Fl(4) 60s 7M 24°32'N 81°31'W  
 and delete Racon  
 Light to Fl(4) 60s 7M 24°51'N 80°37'W  
 and delete Racon  
 (36/15 CG7)

411 54Ed. 8/13 LAST NM 14/16 17/16  
 Delete Light and Racon 24°38'N 82°56'W  
 (38/15 CG7)

411 54Ed. 8/13 LAST NM 17/16 28/16  
 Add Depth 8 fathoms Obstns [K41] 27°24'N 80°00'W  
 (NOS)

411 54Ed. 8/13 LAST NM 28/16 39/16  
 Delete Buoy 24°47'N 80°41'W  
 (51/15 CG7)

411 54Ed. 8/13 LAST NM 39/16 41/16  
 Add Superbuoy SBM [L16] with legend "FPSO" 26°26'N 90°49'W  
 (51/15 CG8)

411 54Ed. 8/13 LAST NM 41/16 42/16  
 Relocate Buoy ODAS from 26°24'N 90°50'W to 26°24'N 90°48'W  
 (2/16 CG8)

411 54Ed. 8/13 LAST NM 42/16 45/16  
 Change Visibility (range) of light to 7M 25°35.6'N 80°05.6'W  
 (10/16 CG7)

411 54Ed. 8/13 LAST NM 45/16 47/16  
 Relocate Buoy from 26°40'N 90°28'W to 26°41'N 90°27'W  
 (12/16 CG8)

411 54Ed. 8/13 LAST NM 47/16 6/17  
 Relocate Superbuoy ODAS "42002" from 25°48'N 93°40'W to 26°05'N 93°46'W  
 (30/16 CG8)

411 54Ed. 8/13 LAST NM 6/17 13/17  
 Add Obstruction "Fish haven (auth min 22fms)" [K46.2] 27°57'N 93°04'W  
 (NOS)

★411 54Ed. 8/13 LAST NM 13/17 35/17  
 Add Buoy "42409" Y, conical (Priv) 25°51'N 89°15'W  
 (21/17 CG8)

★411 54Ed. 8/13 LAST NM 35/17 43/17  
 Add Depth 349 fathoms 17°49'N 79°20'W  
 and extend depth contour (1000-fathom) W to enclose  
 Submarine cable area [L30.2] bound by purple composite line joining 30°29'N 80°23'W  
 30°29'N 80°01'W  
 30°03'N 80°07'W  
 30°03'N 80°29'W  
 Submarine cable [L30.1] joining 30°22'N 81°17'W  
 30°21'N 81°08'W  
 30°21'N 81°06'W  
 30°21'N 81°05'W  
 30°20'N 81°03'W  
 30°18'N 80°57'W  
 30°16'N 80°50'W  
 30°12'N 80°34'W  
 30°11'N 80°32'W  
 30°11'N 80°27'W  
 (NOS; NTM0005/2017)

★411 54Ed. 8/13 LAST NM 43/17 3/18  
 Change Range of light to 13M 27°36'N 82°46'W  
 Range of light to 5M 25°01'N 80°23'W  
 (45, 46/17 CG7)

★411 54Ed. 8/13 LAST NM 3/18 25/18  
 Delete Danger circle "Obstn" (PA) 32°57'N 78°18'W  
 (NOS)

★411 54Ed. 8/13 LAST NM 25/18 26/18  
 Relocate Superbuoy ODAS "42003" from 26°00'N 85°39'W to 25°56'N 85°38'W  
 (10/18 CG8)

★411 54Ed. 8/13 LAST NM 26/18 27/18  
 Delete Dangerous wreck "(10 fms rep)" 33°09'N 78°16'W  
 Dangerous wreck "(7 1/2 fms rep)" 33°08'N 78°15'W

Substitute Depth 14 fathoms Wk [K26] for wreck 33°12'N 77°48'W

Add Depth 17 fathoms Wk [K26] 33°09'N 78°08'W  
 (NOS)

★411 54Ed. 8/13 LAST NM 27/18 39/18  
 Delete Light 24°41'N 80°57'W  
 (29/18 CG7)

★411 54Ed. 8/13 LAST NM 39/18 46/18  
 Relocate Buoy ODAS from 26°24'N 90°48'W to 26°54'N 90°29'W  
 (20/18 CG8)

★411 54Ed. 8/13 LAST NM 46/18 12/19  
 Add Platform [L10] enclosed by purple dashed line, 0.5 mile square, with legend "SAFETY ZONE 147.863 (see Note A)" centered 26°26'N 90°49'W  
 Note: Superbuoy SBM "FPSO" remains  
 (NOS)

★411 54Ed. 8/13 LAST NM 12/19 31/19  
Change Range of light "CHARLESTON" to 20M 32°45'N 79°51'W  
(13/19 CG7)

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★500 (INT 810) 10Ed. 12/15 NEW EDITION 8/16  
(NOS)

500 (INT 810) 10Ed. 12/15 LAST NM 8/16 22/16  
Delete Light symbol 55°22'N 160°22'W  
(NOS)

★500 (INT 810) 10Ed. 12/15 LAST NM 22/16 6/17  
Delete Superbuoy DART "46402" 51°04'N 164°01'W

Change Color of superbuoy DART "46403" to Y 52°38'N 156°56'W

Add Superbuoy DART [Q58] "46402" Y,  
Fl(4) Y 20s 51°01'N 164°04'W  
(9/16 CG17)

500 (INT 810) 10Ed. 12/15 LAST NM 6/17 14/17  
Relocate Superbuoy ODAS "46078" from  
55°58'N 152°41'W to 55°33'N 152°38'W  
(6/17 CG17)

★500 (INT 810) 10Ed. 12/15 LAST NM 14/17 50/17  
Relocate Buoy "46001" from 56°20'N 147°57'W to  
56°14'N 147°57'W  
(35/17 CG17)

★500 (INT 810) 10Ed. 12/15 LAST NM 50/17 17/18  
Relocate Buoy "46080" from 57°56'N 149°58'W to  
57°57'N 150°03'W  
(37/17 CG17)

★500 (INT 810) 10Ed. 12/15 LAST NM 17/18 13/19  
Add Superbuoy DART [Q58] "46414" Y,  
Fl(4) Y 20s 53°44'N 152°29'W  
(10/19 CG17)

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★501 (INT 801) 13Ed. 6/09 NEW EDITION 35/09  
(NOS)

501 (INT 801) 13Ed. 6/09 LAST NM 35/09 36/09  
Delete Buoy 32°38'N 117°27'W

Substitute Depth 190 meters for 296 meters 33°00'N 119°33'W  
Depth 62 meters for 75 meters 32°39'N 117°58'W

Add Depth 89 meters 32°05'N 118°10'W  
Wreck [K29] 33°27'N 119°47'W  
Danger circle [K40] "Subm buoys" 47°27'N 125°08'W  
(42/04 CG13; NTM0002/2004; NTM0006/2005; NTM0023/2006)

501 (INT 801) 13Ed. 6/09 LAST NM 36/09 47/09  
Delete Dangerous wreck 48°46'N 125°49'W

Add Depth 7 meters Rk [K14.1] 45°14'N 124°00'W  
(NOS)

501 (INT 801) 13Ed. 6/09 LAST NM 47/09 5/10  
Delete Superbuoy ODAS "46419" 48°48'N 129°36'W

Add Superbuoy DART [Q58] "46419" Y, Fl(4) Y  
20s (PA) 48°46'N 129°37'W  
(50/09 CG13)

501 (INT 801) 13Ed. 6/09 LAST NM 5/10 10/10  
Change Color of buoy to Y 33°29'N 122°33'W  
(5/10 CG11)

501 (INT 801) 13Ed. 6/09 LAST NM 10/10 11/10  
Delete Superbuoy ODAS "46412" 32°48'N 120°54'W

Add Superbuoy DART [Q58] "46412" Y,  
Fl(4) Y 20s 32°27'N 120°34'W  
(49/09 CG11)

501 (INT 801) 13Ed. 6/09 LAST NM 11/10 12/10  
Change Characteristic of superbuoy ODAS "46054" to  
Fl(4) Y 20s 34°17'N 120°28'W  
(7/10 CG11)

501 (INT 801) 13Ed. 6/09 LAST NM 12/10 14/10  
Add Note

"NOTE E  
AREA TO BE AVOIDED  
In order to reduce the risk of a marine casualty  
and resulting pollution and damage to the  
environment of the Olympic Coast National  
Marine Sanctuary, all ships and barges carrying  
cargoes of oil or hazardous materials and all  
ships 1,600 gross tons and above solely in  
transit should avoid the area. See IMO SN  
circular 220." 48°19'N 118°13'W

"AREA TO BE AVOIDED (see note E)" [N2.1]  
bound by purple composite line joining 48°23'N 124°38'W  
48°26'N 124°45'W  
48°26'N 124°53'W  
48°25'N 124°56'W  
47°52'N 125°15'W  
47°08'N 124°47'W  
47°08'N 124°11'W  
47°51'N 124°58'W

(NOS)

501 (INT 801) 13Ed. 6/09 LAST NM 14/10 21/10  
Relocate Buoy from 33°29'N 122°33'W to 33°26'N 122°29'W  
(See 10/10-501)  
(9/10 CG11)

501 (INT 801) 13Ed. 6/09 LAST NM 21/10 26/10  
Delete Buoy (undesignated) 42°54'N 130°54'W

Substitute Superbuoy DART [Q58] "46404" Y, Fl Y 4s for  
buoy (undesignated) 45°51'N 128°46'W

Add Superbuoy DART [Q58] "46407" Y, Fl Y 4s  
42°36'N 128°54'W  
(20/10 CG13)

501 (INT 801) 13Ed. 6/09 LAST NM 26/10 36/10  
Change Characteristic of buoy to Fl(2) Y 4s 33°26'N 122°29'W  
(See 21/10-501)  
(32/10 CG11)

501 (INT 801) 13Ed. 6/09 LAST NM 36/10 39/10  
Relocate Superbuoy ODAS "46022" from  
40°47'N 124°33'W to 40°46'N 124°35'W  
(34/10 CG11)

501 (INT 801) 13Ed. 6/09 LAST NM 39/10 40/10  
Relocate Superbuoy ODAS "46006" from  
40°54'N 137°27'W to 40°45'N 137°28'W  
(35/10 CG11)

501 (INT 801) 13Ed. 6/09 LAST NM 40/10 47/10  
Delete Wreck 33°27'N 119°47'W

Add Depth 113 meters Wk [K26] 33°28'N 119°49'W  
(NTM0022/2010)

501 (INT 801) 13Ed. 6/09 LAST NM 47/10 21/11  
Delete Danger circle "Subm Buoy (cov 13m rep)"  
46°52'N 124°15'W  
(NOS)

501 (INT 801) 13Ed. 6/09 LAST NM 21/11 31/11  
Delete Dashed-line circle and legend "Obstn (cov  
456m)" 32°06'N 126°55'W

Add Buoy "182" Y, Fl(5) Y 20s (Priv) 33°49'N 119°43'W  
(24/11 CG11; NTM0018/2011)

501 (INT 801) 13Ed. 6/09 LAST NM 31/11 35/11  
Delete Dashed-line circle and legend "Obstn (cov  
713m)" 32°03'N 126°55'W  
(28/11 CG11)

501 (INT 801) 13Ed. 6/09 LAST NM 35/11 41/11  
Relocate Superbuoy ODAS "46014" from  
39°12'N 123°58'W to 39°14'N 123°58'W  
(30/11 CG11)

501 (INT 801) 13Ed. 6/09 LAST NM 41/11 48/11  
Add Superbuoy ODAS [Q58] "46114" Y,  
Fl(5) Y 20s (PA) 36°43'N 122°21'W  
(43/11 CG11)

501 (INT 801) 13Ed. 6/09 LAST NM 48/11 52/11  
Delete Buoy 33°22'N 119°42'W  
(46/11 CG11)

501 (INT 801) 13Ed. 6/09 LAST NM 52/11 3/12  
Add Wreck [K29] 48°03'N 125°01'W  
(NOS)

501 (INT 801) 13Ed. 6/09 LAST NM 3/12 7/12  
Add Legend "(ext.)" at light 44°08'N 124°08'W  
(4/12 CG13)

501 (INT 801) 13Ed. 6/09 LAST NM 7/12 10/12  
Relocate Superbuoy ODAS "46042" from  
36°47'N 122°24'W to 36°47'N 122°28'W  
(6/12 CG11)

501 (INT 801) 13Ed. 6/09 LAST NM 10/12 27/12  
Relocate Superbuoy ODAS "46022" from  
40°46'N 124°35'W to 40°43'N 124°35'W  
(24/12 CG11)

501 (INT 801) 13Ed. 6/09 LAST NM 27/12 38/12  
Delete Light 33°57'N 119°50'W  
(35/12 CG11)

501 (INT 801) 13Ed. 6/09 LAST NM 38/12 2/13  
Change Note to  
"NOTE E  
AREA TO BE AVOIDED  
In order to reduce the risk of a marine casualty  
and resulting pollution and damage to the  
environment of the Olympic Coast National  
Marine Sanctuary, all ships and barges that  
carry oil or hazardous materials in bulk as  
cargo or cargo residue and all ships 400 gross  
tonnage and above solely in transit should  
avoid the area. See IMO SN circular 309."  
48°19'N 118°13'W  
(NOS)

501 (INT 801) 13Ed. 6/09 LAST NM 2/13 3/13  
Delete Buoy "182" 33°49'N 119°43'W  
(51/12 CG11)

501 (INT 801) 13Ed. 6/09 LAST NM 3/13 7/13  
Relocate Superbuoy ODAS "46054" from  
34°17'N 120°28'W to 34°16'N 120°26'W  
(4/13 CG11)

501 (INT 801) 13Ed. 6/09 LAST NM 7/13 12/13  
Change Legend to "Subm buoy (cov 1358m)" 36°23'N 122°31'W  
(50/12 CG11)

501 (INT 801) 13Ed. 6/09 LAST NM 12/13 17/13  
Delete Superbuoy ODAS "46023" 34°42'N 120°58'W  
(9/13 CG11)

501 (INT 801) 13Ed. 6/09 LAST NM 17/13 28/13  
Delete Light symbol 40°26'N 124°24'W  
(23/13 CG11)

501 (INT 801) 13Ed. 6/09 LAST NM 28/13 32/13  
Delete Superbuoy ODAS "46062" 35°06'N 121°01'W  
(25/13 CG11)

501 (INT 801) 13Ed. 6/09 LAST NM 32/13 34/13  
Add Superbuoy ODAS [Q58] "46044" Y,  
Fl(4) Y 20s 36°42'N 122°23'W  
(26/13 CG11)

501 (INT 801) 13Ed. 6/09 LAST NM 34/13 36/13  
Add Dashed-line circle with legend "Subm buoy  
(cov 25m)" 48°32'N 126°12'W  
(29/13 CG13)

501 (INT 801) 13Ed. 6/09 LAST NM 36/13 42/13  
Delete Light "Humboldt Bay" 40°46'N 124°13'W  
(35/13 CG11)

501 (INT 801) 13Ed. 6/09 LAST NM 42/13 45/13  
Add Buoy (DART) Fl Y 4s (Priv) 44°39'N 124°59'W  
Buoy (DART) Fl Y 4s (Priv) 44°48'N 125°59'W  
(37/13 CG13)

501 (INT 801) 13Ed. 6/09 LAST NM 45/13 48/13  
Relocate Buoy from 33°26'N 122°29'W to  
and add designation "CCE-1" 33°31'N 122°30'W  
(44/13 CG11)

501 (INT 801) 13Ed. 6/09 LAST NM 48/13 9/14  
Relocate Superbuoy ODAS "46011" from  
34°52'N 120°52'W to 35°00'N 121°00'W  
(47/13 CG11)

501 (INT 801) 13Ed. 6/09 LAST NM 9/14 28/14  
Add AIS [S17.2] to buoy 46°11'N 124°11'W  
(14/14 CG13)

501 (INT 801) 13Ed. 6/09 LAST NM 28/14 40/14  
Delete Depth 192 meters 48°57'N 126°41'W  
(NTM0012/2014)

501 (INT 801) 13Ed. 6/09 LAST NM 40/14 42/14  
Delete Light 45°29'N 123°59'W  
Relocate Buoy (DART) from 44°39'N 124°59'W to  
(Supersedes 45/13-501) 44°39'N 126°00'W  
(26/14 CG13)

501 (INT 801) 13Ed. 6/09 LAST NM 42/14 45/14  
Relocate Superbuoy ODAS "46022" from  
40°43'N 124°35'W to 40°46'N 124°35'W  
(35/14 CG11)

501 (INT 801) 13Ed. 6/09 LAST NM 45/14 6/15  
Change Characteristic of buoy "CCE-1" to Fl Y 4s  
33°31'N 122°30'W  
(46/14 CG11)

501 (INT 801) 13Ed. 6/09 LAST NM 6/15 11/15  
Relocate Superbuoy ODAS "46005" from  
46°03'N 131°01'W to 45°58'N 131°00'W  
(28/14 CG13)

501 (INT 801) 13Ed. 6/09 LAST NM 11/15 27/15  
Delete Light 44°17'N 124°05'W  
(3/15 CG13)

501 (INT 801) 13Ed. 6/09 LAST NM 27/15 43/15  
Delete Superbuoy ODAS "46029" 46°10'N 124°31'W  
Add Buoy "46029" Y, Fl (4) Y 20s 46°10'N 124°31'W  
(18/15 CG13)

501 (INT 801) 13Ed. 6/09 LAST NM 43/15 10/16  
Add Buoy ODAS "46FLO" Y, Fl(4) Y 20s 36°40'N 122°34'W  
(31/15 CG11)

501 (INT 801) 13Ed. 6/09 LAST NM 10/16 17/16  
Relocate Superbuoy ODAS "46002" from  
42°34'N 130°28'W to 42°36'N 130°30'W  
(39/15 CG13)

★501 (INT 801) 13Ed. 6/09 LAST NM 17/16 30/16  
 Add Depth 1603 meters 39°57'N 135°44'W  
 (NTM0003/2016)

501 (INT 801) 13Ed. 6/09 LAST NM 30/16 32/16  
 Delete Buoy (DART) 44°39'N 125°59'W  
 Buoy (DART) 44°48'N 125°59'W

Add Buoy (DART) "46451" Y, Fl Y 4s 44°49'N 125°42'W  
 Buoy (DART) "46452" Y, Fl Y 4s 44°53'N 125°52'W  
 (11/16 CG13)

501 (INT 801) 13Ed. 6/09 LAST NM 32/16 34/16  
 Relocate Superbuoy DART "46407" from 42°41'N 128°50'W  
 42°36'N 128°54'W to  
 (30/16 CG13)

501 (INT 801) 13Ed. 6/09 LAST NM 34/16 39/16  
 Relocate Superbuoy ODAS "46022" from 40°43'N 124°32'W  
 40°46'N 124°35'W to  
 (25/16 CG11)

501 (INT 801) 13Ed. 6/09 LAST NM 39/16 52/16  
 Add Light Fl 9M 47°54'N 124°39'W  
 (NOS)

501 (INT 801) 13Ed. 6/09 LAST NM 52/16 53/16  
 Delete Legend "(ext.)" from light 44°08'N 124°08'W  
 (48/16 CG13)

★501 (INT 801) 13Ed. 6/09 LAST NM 53/16 32/17  
 Relocate Buoy "46029" from 46°09'N 124°31'W to 46°10'N 124°29'W  
 (19/17 CG13)

★501 (INT 801) 13Ed. 6/09 LAST NM 32/17 33/17  
 Relocate Buoy ODAS "46089" from 45°54'N 125°49'W to 45°55'N 125°46'W  
 (20/17 CG13)

★501 (INT 801) 13Ed. 6/09 LAST NM 33/17 37/17  
 Relocate Buoy ODAS "46005" from 45°58'N 131°00'W to 46°08'N 131°04'W  
 (24/17 CG13)

★501 (INT 801) 13Ed. 6/09 LAST NM 37/17 45/17  
 Relocate Buoy "46050" from 44°37'N 124°30'W to 44°41'N 124°31'W  
 (31/17 CG13)

★501 (INT 801) 13Ed. 6/09 LAST NM 45/17 48/17  
 Delete Buoy "46451" 44°49'N 125°42'W  
 (35/17 CG13)

★501 (INT 801) 13Ed. 6/09 LAST NM 48/17 1/18  
 Relocate Buoy "46042" from 36°47'N 122°28'W to 36°47'N 122°24'W  
 (38/17 CG11)

★501 (INT 801) 13Ed. 6/09 LAST NM 1/18 18/18  
 Add Danger circle [K1] "Subm buoy" 44°22'N 124°57'W  
 Danger circle [K1] "Subm buoy" 44°32'N 125°23'W  
 Danger circle [K1] "Subm buoy" 45°57'N 130°00'W  
 Danger circle [K1] "Subm buoy" 45°45'N 127°17'W  
 Danger circle [K1] "Subm buoy" 45°50'N 129°45'W  
 Danger circle [K1] "Subm buoy" 44°34'N 125°09'W

Danger area "Obstn (Subm buoys)" [K40]  
 bound by dotted line joining 44°32'N 125°22'W  
 44°30'N 125°22'W  
 44°30'N 125°25'W  
 44°32'N 125°25'W  
 (6/18 CG13)

★501 (INT 801) 13Ed. 6/09 LAST NM 18/18 39/18  
 Substitute Depth 886 meters for 960 meters 40°41'N 124°48'W

Add Depth 1861 meters enclosed by depth contour  
 (2000-meter) centered 38°58'N 131°03'W  
 (NTM0001/2018)

★501 (INT 801) 13Ed. 6/09 LAST NM 39/18 12/19  
 Add Danger circle "Unexploded ordnance" [Kp] 45°11'N 125°30'W  
 (9/19 CG13)

★502 (INT 802) 2Ed. 7/23/83 NEW EDITION 40/83  
 Add Depth 302 meters "Rep (1983)" 19°11.5'N 105°00.0'W  
 (Previously published 37/83)

Add Depth 637 meters "Rep (1983)" 30°58'N 116°40'W  
 (Previously published 39/83)  
 (DMAHTC)

502 (INT 802) 2Ed. 7/23/83 LAST NM 40/83 43/83  
 Substitute Depth 803 meters for 244 meters 29°13'N 116°19'W  
 (NVS6883/83)

502 (INT 802) 2Ed. 7/23/83 LAST NM 43/83 51/83  
 Add Depths  
 92 meters "Rep (1983)" 22°16'30"N 106°16'30"W  
 122 meters "Rep (1983)" 22°22'45"N 106°18'15"W  
 202 meters "Rep (1983)" 22°29'30"N 106°20'30"W  
 (NVS7119/83)

502 (INT 802) 2Ed. 7/23/83 LAST NM 51/83 2/84  
 Add Chartlet, depicting changes in hydrography, from back of Section I 30°41'N 122°50'W  
 (US CH E1306)

502 (INT 802) 2Ed. 7/23/83 LAST NM 2/84 5/84  
 Add Depths  
 476 meters "Rep (1983)" 29°54.9'N 116°05.6'W  
 55 meters "Rep (1983)" 24°47.0'N 112°28.1'W  
 (NVS7162/84)

502 (INT 802) 2Ed. 7/23/83 LAST NM 5/84 27/84  
 Delete R Bn (AERO) 31°18'N 113°32'W  
 (US RA)

502 (INT 802) 2Ed. 7/23/83 LAST NM 27/84 34/85  
 Add Purple dashed lines (recommended route)  
 between 35°00.0'N 123°00.0'W  
 37°01.0'N 124°25.0'W

between 36°30.0'N 124°25.0'W  
 35°00.0'N 123°23.0'W

between 37°57.3'N 123°03.2'W  
 38°20.0'N 123°40.0'W

between 38°20.0'N 123°55.0'W  
 37°54.6'N 123°05.3'W

Note  
 "NOTE A  
 US Trans-Alaskan Pipeline  
 System (TAPs) routes are recommended  
 for safe routing of tank vessels between  
 the Port of Valdez AK and US west  
 coast ports. These are not IMO  
 adopted recommended routes." 37°30.0'N 120°00.0'W

Legend "See Note A" 36°30.0'N 124°10.0'W

Purple open-outlined arrows indicating  
 flow of traffic oriented  
 330.1° 36°00.0'N 123°30.0'W  
 150.1° 36°00.0'N 124°15.0'W  
 305.5° 38°15.0'N 123°20.0'W  
 125.2° 38°00.0'N 123°30.0'W  
 (HNNM7457/85)

502 (INT 802) 2Ed. 7/23/83 LAST NM 34/85 38/85  
 Add Depth 478 meters (PA) 22°44.3'N 107°34.4'W  
 (HNNM7565/85)

502 (INT 802) 2Ed. 7/23/83 LAST NM 38/85 52/85  
 Change International chart number "INT 502"  
 to "INT 802" in margins (4) of chart  
 (HNNM7637/85)

502 (INT 802) 2Ed. 7/23/83 LAST NM 52/85 15/86  
 Add Depth 180 meters "Rep (1986)" 24°45'N 110°10'W  
 (HNNM7737/86)

502 (INT 802) 2Ed. 7/23/83 LAST NM 15/86 51/87  
 Delete Buoy 34°06'N 120°32'W  
 (46/87 CG11)

502 (INT 802) 2Ed. 7/23/83 LAST NM 51/87 27/88  
 Add Depth 468 meters "Rep (1987)" (PA) 29°37'N 116°52'W  
 (MCNM8109/88)

502 (INT 802) 2Ed. 7/23/83 LAST NM 27/88 39/88  
 Substitute Depth 626 meters for 1544 meters 16°04'N 108°37'W  
 (MCNM8144/88)

502 (INT 802) 2Ed. 7/23/83 LAST NM 39/88 27/89  
 Delete Depth 21 meters 30°00'N 124°05'W

Purple dashed lines (recommended route) and directional arrows in vicinity 36°00'N 123°40'W  
 38°05'N 123°20'W

Legend "See Note A" 36°30'N 124°10'W

Note A 37°30'N 120°00'W  
 (See 2/84-502)  
 (MCNM1068, 1070/89)

502 (INT 802) 2Ed. 7/23/83 LAST NM 27/89 33/89  
 Add Depth 450 meters 31°17'N 118°41'W  
 (MCNM1083/89)

502 (INT 802) 2Ed. 7/23/83 LAST NM 33/89 36/89  
 Add Depth 456 meters 29°03'N 116°09'W  
 (MCNM1093/89)

502 (INT 802) 2Ed. 7/23/83 LAST NM 36/89 23/91  
 Add Superbuoy ODAS "46023" Y, Fl(4) Y 20s 34°15.2'N 120°39.7'W  
 (MCNM1098/91)

502 (INT 802) 2Ed. 7/23/83 LAST NM 23/91 33/91  
 Delete Depth 60 meters, dotted-line circle, blue tint and legend "Subm Obstr" 32°44'N 117°35'W  
 32°10'N 117°51'W  
 (CL509/91)

502 (INT 802) 2Ed. 7/23/83 LAST NM 33/91 3/92  
 Add Superbuoys, each ODAS Y, Fl(4) Y 20s 32°41.2'N 119°35.3'W  
 "46047" 32°53.8'N 117°52.5'W  
 "46048"  
 (MCC1151/91)

502 (INT 802) 2Ed. 7/23/83 LAST NM 3/92 12/93  
 Delete R Bn at light 33°51.0'N 118°24.6'W  
 (7/93 CG11)

502 (INT 802) 2Ed. 7/23/83 LAST NM 12/93 31/93  
 Add Depth 5 meters enclosed by danger circle 30°53.8'N 116°43.3'W  
 (23(1992)93 Taunton)

502 (INT 802) 2Ed. 7/23/83 LAST NM 31/93 33/93  
 Delete R Bn at light 34°35'N 120°38'W  
 (29/93 CG11)

502 (INT 802) 2Ed. 7/23/83 LAST NM 33/93 34/93  
 Add Depth 16.4 meters "Rep (1986)" (PA) 27°23'N 114°44'W  
 (MCC1269/93)

502 (INT 802) 2Ed. 7/23/83 LAST NM 34/93 36/93  
 Add Depth 11 meters enclosed by danger circle 23°02'N 110°16'W  
 24°55'N 112°29'W  
 (17(1444, 1445)93 Taunton)

502 (INT 802) 2Ed. 7/23/83 LAST NM 36/93 38/93  
 Add Superbuoy ODAS "46053" Y, Fl(4) Y 20s 34°14'N 119°51'W  
 (34/93 CG11)

502 (INT 802) 2Ed. 7/23/83 LAST NM 38/93 43/93  
 Delete Superbuoy ODAS "46048" 32°54'N 117°53'W  
 "46047" 32°41'N 119°36'W

502 (INT 802) 2Ed. 7/23/83 LAST NM 36/93 34/94  
 Add Superbuoy ODAS "46054" Y, Fl(4) Y 20s 34°16.1'N 120°26.9'W  
 (36/93 CG11)

502 (INT 802) 2Ed. 7/23/83 LAST NM 43/93 3/94  
 Delete R Bn at light 35°42'N 121°17'W  
 (50/93 CG11)

502 (INT 802) 2Ed. 7/23/83 LAST NM 3/94 5/94  
 Delete R Bn at light 38°00'N 123°00'W

502 (INT 802) 2Ed. 7/23/83 LAST NM 3/94 16/94  
 Add Superbuoy ODAS "46012" Y, Fl(4) Y 20s 37°23'N 122°43'W  
 (51/93 CG11)

502 (INT 802) 2Ed. 7/23/83 LAST NM 5/94 16/94  
 Delete R Bn at light 36°18.4'N 121°53.0'W  
 36°36.0'N 121°56.0'W  
 (10/94 CG11)

502 (INT 802) 2Ed. 7/23/83 LAST NM 16/94 18/94  
 Delete R Bn at light 37°42'N 123°00'W  
 (12/94 CG11)

502 (INT 802) 2Ed. 7/23/83 LAST NM 18/94 21/94  
 Add Superbuoy ODAS "46026" Y, Fl(4) Y 20s 37°45'N 122°49'W  
 (16/94 CG11)

502 (INT 802) 2Ed. 7/23/83 LAST NM 21/94 23/95  
 Add Light symbol 25°17'N 112°07'W  
 (4/94 Mexico, D.F.)

502 (INT 802) 2Ed. 7/23/83 LAST NM 23/95 26/95  
 Delete R Bn at light 32°40'N 117°15'W  
 (20/95 CG11)

502 (INT 802) 2Ed. 7/23/83 LAST NM 26/95 27/95  
 Delete R Bn at light 37°11'N 122°23'W  
 (21/95 CG11)

502 (INT 802) 2Ed. 7/23/83 LAST NM 27/95 28/95  
 Delete R Bn 34°25'N 119°42'W  
 (23/95 CG11)

502 (INT 802) 2Ed. 7/23/83 LAST NM 28/95 29/95  
 Delete R Bn at light 35°22'N 120°49'W  
 (24/95 CG11)

502 (INT 802) 2Ed. 7/23/83 LAST NM 29/95 31/95  
 Delete R Bn at light 34°15'N 119°16'W  
 (26/95 CG11)

502 (INT 802) 2Ed. 7/23/83 LAST NM 31/95 34/95  
 Delete R Bn at light 35°10'N 120°46'W  
 (29/95 CG11)

502 (INT 802) 2Ed. 7/23/83 LAST NM 34/95 35/95  
 Add Depth 183 meters 32°42'N 117°42'W  
 (MCC046/95)

502 (INT 802) 2Ed. 7/23/83 LAST NM 35/95 38/95  
 Delete R Bn 33°21'N 118°20'W  
 (32/95 CG11)



502 (INT 802)	2Ed. 7/23/83	LAST NM 38/95	44/95
Delete	R Bn at light	33°27'N 117°42'W	
	(37/95 CG11)		
502 (INT 802)	2Ed. 7/23/83	LAST NM 44/95	47/96
Delete	R Bn at light	31°48'N 116°50'W	
	R Bn	31°42'N 116°38'W	
	(GIMM049/96)		
502 (INT 802)	2Ed. 7/23/83	LAST NM 47/96	49/96
Delete	Superbuoy ODAS "46023"	34°15'N 120°40'W	
	(44/96 CG11)		
502 (INT 802)	2Ed. 7/23/83	LAST NM 49/96	8/97
Delete	Superbuoy ODAS "46053"	34°14'N 119°51'W	
	(3/97 CG11)		
502 (INT 802)	2Ed. 7/23/83	LAST NM 8/97	29/97
Add	Superbuoy ODAS "46023" Y, Fl(4) Y 20s	34°43'N 120°58'W	
	(25/97 CG11)		
502 (INT 802)	2Ed. 7/23/83	LAST NM 29/97	33/97
Add	Superbuoy ODAS, each Y		
	"46024" QY	34°29'N 120°42'W	
	"46028" Fl(4) Y 20s	34°44'N 121°53'W	
	"46062" Fl(4) Y 20s	35°06'N 121°01'W	
	(29/97 CG11)		
502 (INT 802)	2Ed. 7/23/83	LAST NM 33/97	8/98
Delete	Superbuoy ODAS "46028"	34°44'N 121°53'W	
	(See 33/97-502)		
Add	Superbuoy ODAS "46028" Y, Fl(4) Y 20s	35°44'N 121°53'W	
	(GIMM001/98)		
502 (INT 802)	2Ed. 7/23/83	LAST NM 8/98	42/98
Delete	Superbuoy ODAS "46012"	37°23'N 122°43'W	
Add	Dashed-line circle with legend		
	"Subm buoy (cov 1205m)"	35°46'N 122°42'W	
	"Subm buoys (cov 400m)"	36°17'N 122°29'W	
	"Subm buoy (cov 200m)"	36°16'N 122°28'W	
	(35/98 CG11; GIMM001/98)		
502 (INT 802)	2Ed. 7/23/83	LAST NM 42/98	48/98
Add	Superbuoys ODAS, each Y, Fl(4) Y 20s		
	"46063"	34°15'N 120°40'W	
	"46053"	34°14'N 119°51'W	
	(42/98 CG11)		
502 (INT 802)	2Ed. 7/23/83	LAST NM 48/98	23/99
Add	Superbuoy ODAS "46012" Y,		
	Fl(4) Y 20s	37°24'N 122°43'W	
	(See 42/98-502)		
	(GIMM021/99)		
502 (INT 802)	2Ed. 7/23/83	LAST NM 23/99	33/99
Add	Superbuoy ODAS "46047" Y, Fl(4) Y 20s	32°26'N 119°32'W	
	(NTM0003/1999)		
502 (INT 802)	2Ed. 7/23/83	LAST NM 33/99	40/99
Delete	Dashed-line circle and legend		
	"Subm buoys (cov 400m)"	36°17'N 122°29'W	
	Dashed-line circle and legend		
	"Subm buoy (cov 200m)"	36°16'N 122°28'W	
	(See 42/98-502)		
	(NTM0005/1999)		
502 (INT 802)	2Ed. 7/23/83	LAST NM 40/99	52/02
Add	Depth 13 meters "Rep (2002)" [I3.2]	24°42'N 110°18'W	
	(NTM0007/2002)		
502 (INT 802)	2Ed. 7/23/83	LAST NM 52/02	40/03
Add	Superbuoy ODAS [Q58] "46012" Y,		
	Fl(4) Y 20s	37°22'N 122°53'W	
	(35/03 CG11)		
502 (INT 802)	2Ed. 7/23/83	LAST NM 40/03	44/03
Add	Wreck [K29]	31°16'N 119°31'W	
	Wreck [K29]	31°27'N 119°43'W	
	(NTM0006/2003)		
502 (INT 802)	2Ed. 7/23/83	LAST NM 44/03	11/04
Add	Superbuoy ODAS [Q58] "46069" Y,		
	Fl(4) Y 20s	33°39'N 120°12'W	
	(52/03 CG11)		
502 (INT 802)	2Ed. 7/23/83	LAST NM 11/04	42/04
Add	Wreck [K29]	31°02'N 119°42'W	
	(NTM0012/2004)		
502 (INT 802)	2Ed. 7/23/83	LAST NM 42/04	1/05
Delete	Superbuoy ODAS "46062"	35°06'N 121°01'W	
	Buoy (undesignated)	33°24'N 119°45'W	
	(45, 47/04 CG11)		
502 (INT 802)	2Ed. 7/23/83	LAST NM 1/05	19/05
Add	Wreck [K29] (PA)	33°27'N 119°47'W	
	(NTM0006/2005)		
502 (INT 802)	2Ed. 7/23/83	LAST NM 19/05	18/06
Substitute	Depth 62 meters for 75 meters	32°39'N 117°58'W	
Add	Depth 36 meters	32°51'N 117°20'W	
	Depth 89 meters	32°05'N 118°10'W	
	Depth 190 meters	33°00'N 119°33'W	
	(NTM0023/2006)		
502 (INT 802)	2Ed. 7/23/83	LAST NM 18/06	24/06
Add	Wreck [K29]	33°33'N 118°32'W	
	(NOS)		
502 (INT 802)	2Ed. 7/23/83	LAST NM 24/06	30/06
Add	Depth 526 meters "Rep (2005)"	31°22'N 118°37'W	
	(NTM0019/2005)		
502 (INT 802)	2Ed. 7/23/83	LAST NM 30/06	47/06
Add	Dashed-line circle with legend "Subm buoy		
	(cov 1364m)"	36°18'N 122°24'W	
	(NTM0010/2006)		
★502 (INT 802)	2Ed. 7/23/83	LAST NM 47/06	4/07
Delete	Depth 388 meters	25°39'N 119°21'W	
Add	Depth 399 meters	25°20'N 119°31'W	
	Depth 737 meters	25°42'N 119°38'W	
	(NTM0042/2006)		
502 (INT 802)	2Ed. 7/23/83	LAST NM 4/07	19/07
Add	Superbuoy ODAS [Q58] "46412" Y,		
	Fl(4) Y 20s	32°15'N 120°42'W	
	(12/07 CG11)		
502 (INT 802)	2Ed. 7/23/83	LAST NM 19/07	34/07
Add	Superbuoy ODAS [Q58] "46013" Y,		
	Fl(4) Y 20s	38°14'N 123°19'W	
	(26/07 CG11)		
502 (INT 802)	2Ed. 7/23/83	LAST NM 34/07	46/07
Substitute	Depth 621 meters for 399 meters	25°20'N 119°31'W	
	Depth 886 meters for 737 meters	25°42'N 119°38'W	
	(See 4/07-502)		
Add	Depth 3598 meters	25°44'N 119°25'W	
	Depth 3672 meters	25°40'N 119°21'W	
	Depth 3390 meters	25°33'N 119°20'W	
	Depth 3266 meters	25°24'N 119°20'W	
	Depth 3449 meters	25°26'N 119°39'W	
	(NTM0026/2007)		
502 (INT 802)	2Ed. 7/23/83	LAST NM 46/07	52/08
Add	Buoy RW, pillar, Fl Y 4s (Priv)	33°29'N 122°32'W	
	(49/08 CG11)		

502 (INT 802) 2Ed. 7/23/83 LAST NM 52/08 13/09  
 Add Dashed-line circle "Discol. water rep (1953)  
 (PA) (CAUTION NO 1)" [Ke] 28°00'N 115°00'W  
 Legend "CAUTION NO 2" 18°48'N 111°05'W  
 Dashed-line circle "Discol. water rep (2009)  
 (PA) (CAUTION NO 3)" [Ke] 18°59'N 110°48'W  
 CAUTIONS note  
 "CAUTIONS  
 1. Possible evidence of a submarine volcano reported in Bahia Sebastian Vizcaino in 1953 and again in 1956. Mariners should exercise caution in this area.  
 2. A submarine volcano was reported to have formed about 2 miles NW of Punta Tosca in 1993. Depths of 80 meters were reported. Mariners should exercise caution in this area.  
 3. Drifting pumice rafts, possible indicators of submarine volcanic activity, observed northeast of Isla Socorro. Mariners should exercise caution in this area." 29°25'N 110°55'W  
 (NTM0033/2001; NTM0015/2009)

502 (INT 802) 2Ed. 7/23/83 LAST NM 13/09 26/09  
 Add Wreck [K29] 31°36'N 118°36'W  
 (NTM0028/2009)

502 (INT 802) 2Ed. 7/23/83 LAST NM 26/09 27/09  
 Delete Superbuoy ODAS "46063" 34°16'N 120°41'W  
 (21/09 CG11)

★502 (INT 802) 2Ed. 7/23/83 LAST NM 27/09 43/09  
 Add Depth 373 meters 10°15'N 109°59'W  
 (NTM0011/2009)

502 (INT 802) 2Ed. 7/23/83 LAST NM 43/09 4/10  
 Add Superbuoy ODAS [Q58] "46086" Y,  
 Fl(4) Y 20s (PA) 32°30'N 118°02'W  
 (36/09 CG11)

502 (INT 802) 2Ed. 7/23/83 LAST NM 4/10 10/10  
 Change Color of buoy to Y 33°29'N 122°33'W  
 (5/10 CG11)

502 (INT 802) 2Ed. 7/23/83 LAST NM 10/10 21/10  
 Relocate Buoy from 33°29'N 122°33'W to 33°26'N 122°29'W  
 (See 10/10-502)  
 (9/10 CG11)

★502 (INT 802) 2Ed. 7/23/83 LAST NM 21/10 34/10  
 Add Depth 851 meters 13°42'N 120°40'W  
 (NTM0019/2010)

502 (INT 802) 2Ed. 7/23/83 LAST NM 34/10 36/10  
 Change Characteristic of buoy to Fl(2) Y 4s 33°26'N 122°29'W  
 (See 21/10-502)  
 (32/10 CG11)

502 (INT 802) 2Ed. 7/23/83 LAST NM 36/10 47/10  
 Delete Wreck (PA) 33°27'N 119°47'W  
 Add Depth 113 meters Wk [K26] 33°28'N 119°49'W  
 (NTM0022/2010)

502 (INT 802) 2Ed. 7/23/83 LAST NM 47/10 31/11  
 Add Buoy "182" Y, spherical, Fl(5) Y 20s (Priv) 33°49'N 119°43'W  
 (24/11 CG11)

502 (INT 802) 2Ed. 7/23/83 LAST NM 31/11 38/11  
 Add Depth 753 meters 31°13'N 118°03'W  
 (UKHO CH 1029)

502 (INT 802) 2Ed. 7/23/83 LAST NM 38/11 44/11  
 Add Depth 1418 meters 16°37'N 106°27'W  
 (NTM0027/2011)

502 (INT 802) 2Ed. 7/23/83 LAST NM 44/11 48/11  
 Add Superbuoy ODAS [Q58] "46114" Y,  
 Fl(5) Y 20s (PA) 36°43'N 122°21'W  
 (43/11 CG11)

502 (INT 802) 2Ed. 7/23/83 LAST NM 48/11 38/12  
 Delete Light 33°57'N 119°50'W  
 (35/12 CG11)

502 (INT 802) 2Ed. 7/23/83 LAST NM 38/12 3/13  
 Delete Buoy "182" 33°49'N 119°43'W  
 (51/12 CG11)

502 (INT 802) 2Ed. 7/23/83 LAST NM 3/13 12/13  
 Change Legend at dashed-line circle to "Subm buoy  
 (cov 1358m)" 36°18'N 122°23'W  
 (50/12 CG11)

502 (INT 802) 2Ed. 7/23/83 LAST NM 12/13 17/13  
 Delete Superbuoy ODAS "46023" 34°43'N 120°58'W  
 (9/13 CG11)

502 (INT 802) 2Ed. 7/23/83 LAST NM 17/13 34/13  
 Relocate Superbuoy ODAS "46047" from  
 32°26'N 119°32'W to 32°24'N 119°32'W  
 Superbuoy ODAS "46069" from  
 33°39'N 120°12'W to 33°41'N 120°13'W  
 Add Superbuoy ODAS [Q58] "46025" Y,  
 Fl(4) Y 20s 33°45'N 119°04'W  
 Superbuoy ODAS [Q58] "46044" Y,  
 Fl(4) Y 20s 36°42'N 122°23'W  
 (26/13 CG11)

502 (INT 802) 2Ed. 7/23/83 LAST NM 34/13 48/13  
 Relocate Buoy from 33°26'N 122°29'W to 33°31'N 122°30'W  
 and add designation "CCE-1"  
 (44/13 CG11)

502 (INT 802) 2Ed. 7/23/83 LAST NM 48/13 30/14  
 Add Note  
 "NOTE  
 Ocean Data Acquisition System (ODAS) buoys  
 will no longer be maintained on this chart  
 unless located in areas where larger scale chart  
 coverage is unavailable." 30°00'N 105°00'W  
 (NTM0008/2014)

★502 (INT 802) 2Ed. 7/23/83 LAST NM 30/14 35/17  
 Substitute Depth 580 meters enclosed by depth contour  
 (1000-meter) for 1568 meters 31°54'N 117°50'W  
 Add Depth 919 meters enclosed by depth contour  
 (1000-meter) centered 30°42'N 117°49'W  
 Depth 848 meters enclosed by depth contour  
 (1000-meter) centered 30°47'N 117°57'W  
 (NTM0005/2017)

★502 (INT 802) 2Ed. 7/23/83 LAST NM 35/17 24/18  
 Add Depth 762 meters enclosed by depth contour  
 (1000-meter) centered 13°57'N 120°33'W  
 Depth 210 meters enclosed by depth contour  
 (1000-meter) centered 18°26'N 119°31'W  
 (NTM0001/2018)

★503 (INT 811) 4Ed. 7/27/96 NEW EDITION 37/96  
 (DMA)

503 (INT 811) 4Ed. 7/27/96 LAST NM 37/96 14/97  
 Delete Depths  
 269 meters 16°10'N 86°50'W  
 189 meters 16°11'N 87°03'W  
 212 meters 16°12'N 87°13'W  
 (GIMM019/97)

503 (INT 811) 4Ed. 7/27/96 LAST NM 14/97 30/97  
 Delete Light symbol 16°08'N 86°53'W  
 16°23'N 86°24'W  
 (17(1506)97 Taunton)

503 (INT 811)	4Ed. 7/27/96	LAST NM 30/97	12/00
Add	Light symbol	5°43'N 77°17'W	
	(16/99 Bogota)		
503 (INT 811)	4Ed. 7/27/96	LAST NM 12/00	1/04
Add	Legend "Reported Extinguished" to light	7°28'N 82°14'W	
	(NTM0003/2003)		
503 (INT 811)	4Ed. 7/27/96	LAST NM 1/04	27/04
Delete	Depth 8 meters and enclosing dotted-line circle	16°56'N 83°15'W	
Add	Depth 26 meters	16°54'N 83°20'W	
	(NTM0012/2004)		
503 (INT 811)	4Ed. 7/27/96	LAST NM 27/04	18/05
Add	Depth 108 meters "(Rep 1997)" [I3.2]	4°58'N 82°10'W	
	(NTM0015/2005)		
503 (INT 811)	4Ed. 7/27/96	LAST NM 18/05	12/06
Add	Depth 1939 meters	9°15'N 91°27'W	
	Depth 1575 meters	3°33'N 93°25'W	
	(NTM0014/2006)		
503 (INT 811)	4Ed. 7/27/96	LAST NM 12/06	34/06
Add	"Marine Reserve" area [N22] bound by purple composite line joining	2°05'S 92°18'W	
		2°41'S 90°42'W	
		2°46'S 89°28'W	
		2°35'S 88°48'W	
		1°04'S 87°53'W	
		0°40'S 87°54'W	
		0°10'S 88°00'W	
		1°28'N 89°03'W	
		2°29'N 92°22'W	
		1°46'N 92°42'W	
		1°34'S 92°42'W	
	Legend "PSSA & ATBA (see Note)" between	1°55'N 91°00'W	
		1°35'N 89°45'W	
	Note		
	"Note		
	PARTICULARLY SENSITIVE SEA AREA		
	(PSSA) AND AREA TO BE AVOID (ATBA)"		
	(15(151)06 Wellington)	16°17'N 91°55'W	
503 (INT 811)	4Ed. 7/27/96	LAST NM 34/06	50/06
Add	Depth 7 meters Obstn [K41] "Rep (2006)"	16°29'N 81°22'W	
	Depth 7 meters Obstn [K41] "Rep (2006)"	16°23'N 81°19'W	
	(43(4946)06 Taunton)		
503 (INT 811)	4Ed. 7/27/96	LAST NM 50/06	1/07
Add	Legend "Seamounts, lesser depths to 318m rep"	12°25'N 91°45'W	
	(NTM0042/2006)		
503 (INT 811)	4Ed. 7/27/96	LAST NM 1/07	4/07
Delete	Depth 256 meters and enclosing dotted-line circle	5°25'N 88°35'W	
Add	Depth 230 meters	5°29'N 88°34'W	
	(NTM0042/2006)		
503 (INT 811)	4Ed. 7/27/96	LAST NM 4/07	7/07
Add	Depth 1262 meters	2°38'N 91°23'W	
	(NTM0008/2006)		
503 (INT 811)	4Ed. 7/27/96	LAST NM 7/07	45/07
Substitute	Depth 237 meters for 230 meters	5°29'N 88°34'W	
	(See 4/07-503)		
	(NTM0026/2007)		
503 (INT 811)	4Ed. 7/27/96	LAST NM 7/07	47/07
Add	Depth 524 meters	6°29'N 81°53'W	
	Depth 679 meters	8°19'N 85°01'W	
	(NTM0026/2007)		
503 (INT 811)	4Ed. 7/27/96	LAST NM 47/07	50/07
Add	Depth 705 meters	3°52'N 89°14'W	
	(NTM0026/2007)		
503 (INT 811)	4Ed. 7/27/96	LAST NM 50/07	19/08
Add	Depth 537 meters	1°18'S 88°22'W	
	Depth 449 meters	1°17'S 88°49'W	
	Depth 323 meters	0°32'S 88°32'W	
	Depth 183 meters, blue tint and enclosing depth contour (200-meter) centered	0°08'S 89°15'W	
	(NTM0026/2007)		
503 (INT 811)	4Ed. 7/27/96	LAST NM 19/08	35/08
Add	Depth 903 meters	3°17'N 90°56'W	
	Depth 917 meters	3°11'N 91°09'W	
	Depth 503 meters	3°14'N 90°59'W	
	(NTM0026/2007)		
503 (INT 811)	4Ed. 7/27/96	LAST NM 35/08	42/08
Add	Light symbol [P1]	14°09'N 81°10'W	
	(29/08 Bogota)		
503 (INT 811)	4Ed. 7/27/96	LAST NM 42/08	43/08
Add	Depth 611 meters	1°06'S 88°24'W	
	(NTM0026/2007)		
503 (INT 811)	4Ed. 7/27/96	LAST NM 43/08	46/08
Add	Depth 13 meters, blue tint and enclosing dotted-line circle "Rep (2007)"	8°19'N 83°54'W	
	(NTM0030/2008)		
503 (INT 811)	4Ed. 7/27/96	LAST NM 46/08	1/09
Substitute	Depth 21 meters, blue tint and enclosing dotted-line circle "Rep (2007)" for 13 meters	8°19'N 83°54'W	
	(Supersedes 46/08-503)		
	(NTM0030/2008)		
503 (INT 811)	4Ed. 7/27/96	LAST NM 1/09	41/09
Substitute	Depth 333 meters for 392 meters	4°58'N 87°34'W	
	Depth 179 meters for 183 meters	5°00'N 87°25'W	
Add	Depth 168 meters	5°05'N 87°39'W	
	Depth 567 meters	5°01'N 87°46'W	
	(NTM0011/2009)		
503 (INT 811)	4Ed. 7/27/96	LAST NM 41/09	43/09
Add	Depth 373 meters	10°15'N 109°59'W	
	(NTM0011/2009)		
503 (INT 811)	4Ed. 7/27/96	LAST NM 43/09	10/10
Add	Light symbol [P1]	4°57'N 77°22'W	
	(2/10 Bogota)		
503 (INT 811)	4Ed. 7/27/96	LAST NM 10/10	13/10
Add	Depth 8 meters "Rep (2010)"	6°07'N 82°07'W	
	(NTM0002/2010)		
503 (INT 811)	4Ed. 7/27/96	LAST NM 13/10	21/10
Add	Depth 856 meters enclosed by depth contours (2)	14°32'N 98°59'W	
	(NTM0011/2010)		
503 (INT 811)	4Ed. 7/27/96	LAST NM 21/10	29/10
Add	Depth 20 meters "Rep (2010)" [I3.2]	10°21'N 88°19'W	
	(20(2403)10 Taunton)		
503 (INT 811)	4Ed. 7/27/96	LAST NM 29/10	10/11
Add	Depth 1140 meters enclosed by depth contour (2000-meter) "Rep (2011)" (PA)	6°10'N 86°42'W	
	(NTM0009/2011)		
503 (INT 811)	4Ed. 7/27/96	LAST NM 10/11	12/11
Add	Depth 925 meters enclosed by depth contour (1000-meter) "Rep (2011)" (PA)	5°58'N 85°26'W	
	(NTM0009/2011)		

**503** (INT 811) 4Ed. 7/27/96 LAST NM 12/11 44/11  
 Add Depth 1418 meters 16°37'N 106°27'W  
 (NTM0027/2011)

**503** (INT 811) 4Ed. 7/27/96 LAST NM 44/11 45/11  
 Add Depth 853 meters 7°07'N 85°47'W  
 (NTM0028/2011)

**503** (INT 811) 4Ed. 7/27/96 LAST NM 45/11 47/11  
 Add Depth 34 meters, blue tint and enclosing  
 dotted-line circle "Rep (2003)" 5°00'N 82°11'W  
 (36(4015)11 Taunton)

**503** (INT 811) 4Ed. 7/27/96 LAST NM 47/11 50/11  
 Delete Depth 11 meters, blue tint and enclosing  
 dotted-line circle centered 2°37'N 78°41'W

Add Depth 522 meters 2°34'N 79°02'W  
 Depth 1010 meters 2°27'N 79°15'W  
 Depth 1056 meters 2°12'S 83°45'W  
 (167/11 Bogota; NTM0014/2011)

**503** (INT 811) 4Ed. 7/27/96 LAST NM 50/11 8/12  
 Add Depth 379 meters "Rep (2012)" 1°55'N 79°30'W

Depth 23 meters, blue tint and enclosing  
 dotted-line circle centered 11°55'N 82°22'W  
 (40(4455)11 Taunton; NTM0002/2012)

**★503** (INT 811) 4Ed. 7/27/96 LAST NM 8/12 2/15  
 Change Legend (depth contour value) to "4000" 9°38'N 95°18'W  
 (NTM0012/2014)

**★503** (INT 811) 4Ed. 7/27/96 LAST NM 2/15 43/17  
 Delete Depth 264 meters and enclosing dotted-line  
 circle centered 17°02'N 79°31'W

Add Depth 639 meters enclosed by depth contour  
 (1000-meter) centered 17°49'N 79°20'W  
 (NTM0005/2017)

**★503** (INT 811) 4Ed. 7/27/96 LAST NM 43/17 44/17  
 Delete Depth 5 meters, blue tint and enclosing  
 dotted-line area in vicinity 14°28'N 81°23'W  
 (NTM0005/2017)

**★504** (INT 809) 4Ed. 2/19/83 NEW EDITION 18/83  
 (DMAHTC)

**504** (INT 809) 4Ed. 2/19/83 LAST NM 18/83 52/84  
 Add Superbuoys, each ODAS, yellow,  
 Fl(4) Y 20s  
 "51002" 17°11.4'N 157°49.8'W  
 "51003" 19°11.0'N 160°49.2'W  
 "51004" 17°31.9'N 152°37.1'W  
 (39, 46, 47/84 CG14)

**504** (INT 809) 4Ed. 2/19/83 LAST NM 52/84 19/85  
 Add Depth 225 meters "Rep (1984)" 9°29'N 160°58'W  
 (NVS7391/85)

**504** (INT 809) 4Ed. 2/19/83 LAST NM 19/85 52/85  
 Change International chart number "INT 504"  
 to "INT 809" in margins (4) of chart

Add Superbuoy ODAS, "51005", yellow  
 Fl(4) Y 20s 20°21'N 156°04'W  
 (49/85 CG14, HNNM7637/85)

**504** (INT 809) 4Ed. 2/19/83 LAST NM 52/85 12/86  
 Delete Depth 11 meters 23°00'N 162°00'W  
 (HNNM7706/86)

**504** (INT 809) 4Ed. 2/19/83 LAST NM 12/86 36/87  
 Add Light flare symbol 21°35'N 158°16'W  
 Superbuoy ODAS "51001",  
 yellow, Fl(4) Y 20s 23°26'N 162°18'W  
 (26/87 CG14)

**504** (INT 809) 4Ed. 2/19/83 LAST NM 36/87 46/87  
 Add Light Fl 10s 174ft 25M 22°14'N 159°24'W  
 (32/87 CG14)

**504** (INT 809) 4Ed. 2/19/83 LAST NM 46/87 11/88  
 Add Depth 478 meters 21°54'N 159°56'W  
 (MCNM8066/88)

**504** (INT 809) 4Ed. 2/19/83 LAST NM 11/88 37/89  
 Add Depth 74 meters "Rep (1974)" 27°43'N 175°35'W  
 (MCNM1071/89)

**504** (INT 809) 4Ed. 2/19/83 LAST NM 37/89 22/91  
 Relocate Superbuoy ODAS "51004"  
 (17°31.9'N 152°37.1'W) to 17°32.3'N 152°28.7'W  
 (10/91 CG14)

**504** (INT 809) 4Ed. 2/19/83 LAST NM 22/91 23/91  
 Relocate Superbuoy ODAS "51002"  
 (17°11.4'N 157°49.8'W) to 17°09.9'N 157°49.2'W  
 (MCNM1098/91)

**504** (INT 809) 4Ed. 2/19/83 LAST NM 23/91 34/91  
 Relocate Superbuoy ODAS "51004"  
 (17°32.3'N 152°28.7'W) to 17°26.1'N 152°20.4'W  
 (See 22/91-504)  
 (30/91 CG14)

**504** (INT 809) 4Ed. 2/19/83 LAST NM 34/91 36/91  
 Relocate Superbuoy ODAS "51003"  
 (19°11.0'N 160°49.2'W) to 19°15.5'N 160°47.3'W  
 (MCNM1098/91)

**504** (INT 809) 4Ed. 2/19/83 LAST NM 36/91 7/92  
 Delete Depth 395 meters "Rep (1980)" 21°00'N 158°07'W  
 (CL1147/91)

**504** (INT 809) 4Ed. 2/19/83 LAST NM 7/92 13/92  
 Relocate Superbuoy ODAS "51004"  
 (17°26.1'N 152°20.4'W) to 17°26.1'N 152°30.4'W  
 (See 34/91-504)  
 (10/92 CG14)

**504** (INT 809) 4Ed. 2/19/83 LAST NM 13/92 7/93  
 Add Depth 183 meters "Rep" 28°50'N 178°55'W  
 (MCC1160/92)

**504** (INT 809) 4Ed. 2/19/83 LAST NM 7/93 26/93  
 Delete Superbuoy ODAS "51005" 20°20.0'N 156°03.1'W  
 (19/93 CG14)

**504** (INT 809) 4Ed. 2/19/83 LAST NM 26/93 33/93  
 Relocate Superbuoy ODAS "51003"  
 (19°15.5'N 160°47.3'W) to 19°09.5'N 160°49.3'W  
 (28/93 CG14)

**504** (INT 809) 4Ed. 2/19/83 LAST NM 33/93 12/97  
 Substitute Depth 399 meters for 862 meters 28°52'N 178°52'W

Add Depth  
 125 meters 28°54'N 178°37'W  
 255 meters 28°50'N 179°08'W  
 (GIMM015/97)

**504** (INT 809) 4Ed. 2/19/83 LAST NM 12/97 12/00  
 Add R Bn (AERO) [S16] 28°12'N 177°23'W  
 (NOS)

**504** (INT 809) 4Ed. 2/19/83 LAST NM 12/00 29/00  
 Add Depth 3639 meters "Rep (2000)" (PA) 20°34'N 159°23'W  
 (NTM0013/2000)

**504** (INT 809) 4Ed. 2/19/83 LAST NM 29/00 31/00  
 Add Depth 448 meters "Rep (2000)" 20°24'N 157°01'W  
 (NTM0013/2000)

504 (INT 809) 4Ed. 2/19/83 LAST NM 31/00 23/04  
 Change Light to Fl 10s 21M 21°13'N 156°58'W  
 (16/04 CG14)

504 (INT 809) 4Ed. 2/19/83 LAST NM 23/04 26/04  
 Relocate Superbuoy ODAS "51002" from  
 17°07'N 157°49'W to 17°09'N 157°47'W

Add Superbuoy ODAS [Q58] "PICO" Y, Fl Y 4s  
 (Priv) 20°30'N 158°02'W  
 (21/04 CG14; NTM0002/2004)

504 (INT 809) 4Ed. 2/19/83 LAST NM 26/04 16/05  
 Add Depth 865 meters "rep (2005)" 21°44'N 157°46'W  
 (NTM0013/2005)

504 (INT 809) 4Ed. 2/19/83 LAST NM 16/05 33/05  
 Add Depth 250 fathoms 21°44'N 158°38'W  
 (NTM0013/2005)

504 (INT 809) 4Ed. 2/19/83 LAST NM 33/05 29/06  
 Add Depth 4769 meters "Rep (2005)" 20°28'N 176°31'W  
 Depth 2902 meters "Rep (2005)" 20°28'N 176°22'W  
 Depth 4114 meters "Rep (2005)" 22°45'N 176°17'W  
 Depth 2785 meters "Rep (2005)" 20°44'N 172°33'W  
 Depth 2522 meters "Rep (2005)" 20°32'N 172°04'W  
 Depth 1627 meters (PD) 19°17'N 166°10'W  
 Depth 1609 meters (PD) 19°24'N 165°32'W  
 Depth 1536 meters (PD) 19°35'N 164°59'W  
 Depth 1444 meters (PD) 19°36'N 164°28'W  
 (NTM0024/2006; US CH 19007)

504 (INT 809) 4Ed. 2/19/83 LAST NM 29/06 36/07  
 Relocate Superbuoy ODAS "51003" from  
 19°10'N 160°49'W to 19°05'N 160°40'W  
 (32/07 CG14)

P 504 (INT 809) 4Ed. 2/19/83 LAST NM 36/07 10/08  
 Delete Purple composite line (area to be avoided limit)  
 joining 27°42'N 176°38'W  
 28°05'N 176°37'W  
 28°22'N 176°25'W

Note: Legend "AREA TO BE AVOIDED"  
 remains

Purple composite line (area to be avoided limit)  
 joining 26°49'N 173°40'W  
 26°00'N 172°58'W  
 25°10'N 173°53'W

Note: Legend "AREA TO BE AVOIDED"  
 remains

Purple composite line (area to be avoided limit)  
 joining 24°56'N 171°54'W  
 25°50'N 172°39'W  
 26°34'N 171°38'W

Note: Legend "AREA TO BE AVOIDED"  
 remains

Purple composite line (area to be avoided limit)  
 joining 26°10'N 170°10'W  
 25°15'N 169°41'W  
 24°36'N 170°27'W

Note: Legend "AREA TO BE AVOIDED"  
 remains

Purple composite line (area to be avoided limit)  
 joining 25°34'N 167°20'W  
 25°00'N 167°04'W  
 24°16'N 168°27'W

Note: Legend "AREA TO BE AVOIDED"  
 remains

Purple composite line (area to be avoided limit)  
 joining 23°10'N 166°54'W  
 24°15'N 166°58'W  
 24°27'N 165°42'W

Note: Legend "AREA TO BE AVOIDED"  
 remains

Add Purple composite-line greater arc of a circle  
 (area to be avoided limit) [N2.1], radius 50  
 miles, centered 28°25'N 178°20'W  
 arc between 27°38'N 178°01'W  
 29°01'N 177°41'W

Purple composite-line lesser arc of a circle  
 (area to be avoided limit) [N2.1], radius 50  
 miles, centered 28°25'N 178°20'W  
 arc between 29°15'N 178°06'W  
 29°02'N 177°40'W

Note: Area extends beyond chart border

Purple composite-line lesser arc of a circle  
 (area to be avoided limit) [N2.1], radius 50  
 miles, centered 28°14'N 177°22'W  
 arc between 29°02'N 177°40'W  
 28°22'N 176°25'W

Purple composite-line lesser arc of a circle  
 (area to be avoided limit) [N2.1], radius 50  
 miles, centered 28°14'N 177°22'W  
 arc between 27°42'N 176°38'W  
 27°38'N 178°01'W

Purple composite line (area to be avoided limit)  
 [N2.1] between 26°49'N 173°40'W  
 26°34'N 171°38'W

Purple composite line (area to be avoided limit)  
 [N2.1] between 25°10'N 173°53'W  
 24°56'N 171°54'W

Purple composite-line greater arc of a circle  
 (area to be avoided limit) [N2.1], radius 50  
 miles, centered 25°20'N 170°01'W  
 arc between 26°10'N 170°10'W  
 24°36'N 170°27'W

Purple composite line (area to be avoided limit)  
 [N2.1] between 25°34'N 167°20'W  
 24°27'N 165°42'W

Purple composite line (area to be avoided limit)  
 [N2.1] between 24°16'N 168°27'W  
 23°10'N 166°54'W

Purple dashed line (reporting area outer limit)  
 [N1.2] joining 29°15'N 176°53'W  
 28°44'N 175°14'W  
 27°01'N 173°26'W  
 26°45'N 171°28'W  
 26°24'N 170°21'W  
 25°56'N 167°32'W  
 24°50'N 165°59'W  
 24°02'N 161°41'W

Legend "PSSA Ship Reporting Area SEE  
 CAUTION" along above limit 27°42'N 174°00'W

Legend "PSSA Ship Reporting Area SEE  
 CAUTION" along above limit 24°40'N 164°38'W

Purple dashed-line arc of a circle (reporting  
 area outer limit) [N1.2], radius 60 miles,  
 centered 23°03'N 161°55'W  
 arc joining 24°02'N 161°41'W  
 23°00'N 160°50'W  
 22°05'N 162°08'W

Purple dashed line (reporting area outer limit)  
 [N1.2] joining 22°05'N 162°08'W  
 22°35'N 164°47'W  
 22°48'N 166°38'W  
 24°04'N 168°28'W  
 24°26'N 170°45'W  
 24°47'N 171°53'W  
 25°08'N 174°29'W  
 27°06'N 176°36'W  
 27°27'N 178°39'W

Legend "PSSA Ship Reporting Area SEE  
 CAUTION" along above limit 24°05'N 169°22'W

Legend "PSSA Ship Reporting Area SEE  
 CAUTION" along above limit 27°13'N 177°53'W

Purple dashed-line lesser arc of a circle  
 (reporting area outer limit) [N1.2], radius 60  
 miles, centered 28°25'N 178°20'W  
 arc between 27°27'N 178°39'W  
 29°15'N 178°58'W

(continued on next page)

**P 504** (Continued) 10/08  
 CAUTION note in upper margin of chart  
 "CAUTION  
 Areas to be Avoided and Reporting Areas  
 All vessels solely in transit should avoid the  
 limits of the Papahānaumokuākea Particularly  
 Sensitive Sea Area (PSSA). All ships 300 gross  
 tonnage or greater and all ships in the event of a  
 developing emergency in transit through the  
 reporting area are required to participate in  
 CORAL SHIPREP. Reports should be made to  
 U.S. Coast Guard CAMSPAC via INMARSAT-  
 C. See Chapter 2, U.S. Coast Pilot 7, (MSC  
 IMO, 83rd Session, 2007)."  
 Note: The above changes and additions to  
 Areas to be Avoided have been adopted by  
 IMO and are in effect at 0001 UTC 1 May 2008  
 (NTM0001/2008)

**504** (INT 809) 4Ed. 2/19/83 LAST NM 10/08 13/08  
 Delete Buoy "PICO" 20°30'N 158°02'W  
 (10/08 CG14)

**504** (INT 809) 4Ed. 2/19/83 LAST NM 10/08 17/08  
 Delete Purple composite line (area to be avoided limit)  
 joining 27°42'N 176°38'W  
 28°05'N 176°37'W  
 28°22'N 176°25'W

Note: Legend "AREA TO BE AVOIDED"  
 remains

Purple composite line (area to be avoided limit)  
 joining 26°49'N 173°40'W  
 26°00'N 172°58'W  
 25°10'N 173°53'W

Note: Legend "AREA TO BE AVOIDED"  
 remains

Purple composite line (area to be avoided limit)  
 joining 24°56'N 171°54'W  
 25°50'N 172°39'W  
 26°34'N 171°38'W

Note: Legend "AREA TO BE AVOIDED"  
 remains

Purple composite line (area to be avoided limit)  
 joining 26°10'N 170°10'W  
 25°15'N 169°41'W  
 24°36'N 170°27'W

Note: Legend "AREA TO BE AVOIDED"  
 remains

Purple composite line (area to be avoided limit)  
 joining 25°34'N 167°20'W  
 25°00'N 167°04'W  
 24°16'N 168°27'W

Note: Legend "AREA TO BE AVOIDED"  
 remains

Purple composite line (area to be avoided limit)  
 joining 23°10'N 166°54'W  
 24°15'N 166°58'W  
 24°27'N 165°42'W

Note: Legend "AREA TO BE AVOIDED"  
 remains

Add Purple composite-line greater arc of a circle  
 (area to be avoided limit) [N2.1], radius 50  
 miles, centered 28°25'N 178°20'W  
 arc between 27°38'N 178°01'W  
 29°01'N 177°41'W

Purple composite-line lesser arc of a circle  
 (area to be avoided limit) [N2.1], radius 50  
 miles, centered 28°25'N 178°20'W  
 arc between 29°15'N 178°06'W  
 29°02'N 177°40'W

Note: Area extends beyond chart border

Purple composite-line lesser arc of a circle  
 (area to be avoided limit) [N2.1], radius 50  
 miles, centered 28°14'N 177°22'W  
 arc between 29°02'N 177°40'W  
 28°22'N 176°25'W

Purple composite-line lesser arc of a circle  
 (area to be avoided limit) [N2.1], radius 50  
 miles, centered 28°14'N 177°22'W  
 arc between 27°42'N 176°38'W  
 27°38'N 178°01'W

Purple composite line (area to be avoided limit)  
 [N2.1] between 26°49'N 173°40'W  
 26°34'N 171°38'W

Purple composite line (area to be avoided limit)  
 [N2.1] between 25°10'N 173°53'W  
 24°56'N 171°54'W

Purple composite-line greater arc of a circle  
 (area to be avoided limit) [N2.1], radius 50  
 miles, centered 25°20'N 170°01'W  
 arc between 26°10'N 170°10'W  
 24°36'N 170°27'W

Purple composite line (area to be avoided limit)  
 [N2.1] between 25°34'N 167°20'W  
 24°27'N 165°42'W

Purple composite line (area to be avoided limit)  
 [N2.1] between 24°16'N 168°27'W  
 23°10'N 166°54'W

Purple dashed line (reporting area outer limit)  
 [N1.2] joining 29°15'N 176°53'W  
 28°44'N 175°14'W  
 27°01'N 173°26'W  
 26°45'N 171°28'W  
 26°24'N 170°21'W  
 25°56'N 167°32'W  
 24°50'N 165°59'W  
 24°02'N 161°41'W

Legend "PSSA Ship Reporting Area SEE  
 CAUTION" along above limit 27°42'N 174°00'W

Legend "PSSA Ship Reporting Area SEE  
 CAUTION" along above limit 24°40'N 164°38'W

Purple dashed-line arc of a circle (reporting  
 area outer limit) [N1.2], radius 60 miles,  
 centered 23°03'N 161°55'W  
 arc joining 24°02'N 161°41'W  
 23°00'N 160°50'W  
 22°05'N 162°08'W

Purple dashed line (reporting area outer limit)  
 [N1.2] joining 22°05'N 162°08'W  
 22°35'N 164°47'W  
 22°48'N 166°38'W  
 24°04'N 168°28'W  
 24°26'N 170°45'W  
 24°47'N 171°53'W  
 25°08'N 174°29'W  
 27°06'N 176°36'W  
 27°27'N 178°39'W

Legend "PSSA Ship Reporting Area SEE  
 CAUTION" along above limit 24°05'N 169°22'W

Legend "PSSA Ship Reporting Area SEE  
 CAUTION" along above limit 27°13'N 177°53'W

Purple dashed-line lesser arc of a circle  
 (reporting area outer limit) [N1.2], radius 60  
 miles, centered 28°25'N 178°20'W  
 arc between 27°27'N 178°39'W  
 29°15'N 178°58'W

CAUTION note in right upper margin of chart  
 "CAUTION

Areas to be Avoided and Reporting Areas  
 All vessels solely in transit should avoid the  
 limits of the Papahānaumokuākea Particularly  
 Sensitive Sea Area (PSSA). All ships 300 gross  
 tonnage or greater and all ships in the event of a  
 developing emergency in transit through the  
 reporting area are required to participate in  
 CORAL SHIPREP. Reports should be made to  
 U.S. Coast Guard CAMSPAC via INMARSAT-  
 C. See Chapter 2, U.S. Coast Pilot 7, (MSC  
 IMO, 83rd Session, 2007)."

Note: The above changes and additions to  
 Areas to be Avoided have been adopted by  
 IMO

(Supersedes 10/08P-504)  
 (NTM0001/2008)

**★504** (INT 809) 4Ed. 2/19/83 LAST NM 17/08 20/08  
 Change Height of light to 110ft 21°57'N 159°20'W  
 (12/08 CG14)

<b>504</b> (INT 809)	4Ed. 2/19/83	LAST NM 20/08	33/08
Add	Buoy ODAS [Q58] "NOAA PMEL DART", conical, Fl Y 4s (Priv)		20°32'N 157°50'W
			(11/08 CG14)
<b>★504</b> (INT 809)	4Ed. 2/19/83	LAST NM 33/08	46/08
Add	Depth 1124 meters		21°59'N 175°33'E
	Depth 1514 meters		18°01'N 178°11'E
			(NTM0026/2007)
<b>504</b> (INT 809)	4Ed. 2/19/83	LAST NM 46/08	6/09
Add	Depth 2746 meters		19°02'N 157°47'W
			(NTM0003/2009)
<b>504</b> (INT 809)	4Ed. 2/19/83	LAST NM 6/09	16/09
Relocate	Superbuoy ODAS "51004" from 17°26'N 152°30'W to		17°35'N 152°28'W
			(10/09 CG14)
<b>504</b> (INT 809)	4Ed. 2/19/83	LAST NM 16/09	22/09
Add	Superbuoy ODAS [Q58] "51000" Y, Fl(4) Y 20s		23°28'N 154°00'W
	Superbuoy ODAS [Q58] "51100" Y, Fl(4) Y 20s		23°33'N 153°54'W
	Superbuoy ODAS [Q58] "51101" Y, Fl(4) Y 20s		24°19'N 162°03'W
			(18/09 CG14)
<b>504</b> (INT 809)	4Ed. 2/19/83	LAST NM 22/09	27/09
Add	Wreck [K29]		23°03'N 160°27'W
	Wreck [K29]		23°05'N 160°20'W
	Wreck [K29]		23°01'N 159°53'W
			(NTM0028/2009)
<b>504</b> (INT 809)	4Ed. 2/19/83	LAST NM 27/09	28/09
Add	Depth 3511 meters		20°04'N 157°00'W
			(NTM0032/2009)
<b>504</b> (INT 809)	4Ed. 2/19/83	LAST NM 28/09	29/09
Delete	R Bn (AERO) and legend "LORAN TOWER"		16°44'N 169°32'W
			(NOS)
<b>504</b> (INT 809)	4Ed. 2/19/83	LAST NM 29/09	34/09
Add	Wreck [K29]		23°38'N 160°47'W
			(NTM0028/2009)
<b>504</b> (INT 809)	4Ed. 2/19/83	LAST NM 34/09	35/09
Add	Wreck [K29]		22°55'N 160°01'W
	Wreck [K29]		22°59'N 160°10'W
			(NTM0028/2009)
<b>504</b> (INT 809)	4Ed. 2/19/83	LAST NM 35/09	38/09
Add	Depth 1183 meters		22°57'N 175°37'E
			(NTM0011/2009)
<b>504</b> (INT 809)	4Ed. 2/19/83	LAST NM 38/09	39/09
Add	Wreck [K29]		23°00'N 159°53'W
			(NTM0028/2009)
<b>504</b> (INT 809)	4Ed. 2/19/83	LAST NM 39/09	40/09
Add	Wreck [K29]		23°02'N 160°03'W
	Wreck [K29]		23°08'N 160°11'W
			(NTM0028/2009)
<b>504</b> (INT 809)	4Ed. 2/19/83	LAST NM 40/09	22/10
Relocate	Superbuoy ODAS "51002" from 17°09'N 157°47'W to		17°06'N 157°47'W
	Superbuoy ODAS "51004" from 17°35'N 152°28'W to		17°32'N 152°23'W
			(18/10 CG14)
<b>504</b> (INT 809)	4Ed. 2/19/83	LAST NM 22/10	17/11
Relocate	Superbuoy ODAS "51003" from 19°05'N 160°40'W to		19°21'N 160°37'W
			(12/11 CG14)
<b>504</b> (INT 809)	4Ed. 2/19/83	LAST NM 17/11	27/14
Substitute	Light symbol (without characteristics) for light		22°14'N 159°24'W
			(19/14 CG14)
<b>504</b> (INT 809)	4Ed. 2/19/83	LAST NM 27/14	32/14
Delete	Light		21°35'N 158°16'W
			(21/14 CG14)
<b>★504</b> (INT 809)	4Ed. 2/19/83	LAST NM 32/14	50/18
Delete	Buoy ODAS "NOAA PMEL DART"		20°32'N 157°50'W
			(42/18 CG14)
<b>★504</b> (INT 809)	4Ed. 2/19/83	LAST NM 50/18	6/19
Relocate	Superbuoy ODAS "51001" from 23°26'N 162°18'W to		24°27'N 162°00'W
			(47/18 CG14)
<b>★504</b> (INT 809)	4Ed. 2/19/83	LAST NM 6/19	9/19
Relocate	Superbuoy ODAS "51000" from 23°28'N 154°00'W to		23°32'N 153°47'W
	Superbuoy ODAS "51004" from 17°32'N 152°23'W to		17°36'N 152°22'W
			(6/19 CG14)
<b>★504</b> (INT 809)	4Ed. 2/19/83	LAST NM 9/19	11/19
Delete	Superbuoy ODAS "51100"		23°33'N 153°54'W
			(7/19 CG14)
<b>★505</b> (INT 617)	2Ed. 4/18/81	NEW EDITION	23/81
			(DMAHTC)
<b>505</b> (INT 617)	2Ed. 4/18/81	LAST NM 23/81	29/81
Delete	Light symbol		4°44'N 160°25'W
			(22(1199)81 Taunton)
<b>★505</b> (INT 617)	2Ed. 4/18/81	LAST NM 29/81	35/82
Delete	Danger circle "Breakers"		2°00'S 174°48'W
			(NVS6728/82)
<b>505</b> (INT 617)	2Ed. 4/18/81	LAST NM 35/82	41/82
Delete	Danger circle "Breakers (rep 1980)"		6°33.8'N 177°34.0'E
			(31(1915)82 Taunton)
<b>505</b> (INT 617)	2Ed. 4/18/81	LAST NM 41/82	15/83
Substitute	Depth 5090 meters for 50 meters		0°00' 176°28'E
			(Jpn CH 2004)
<b>505</b> (INT 617)	2Ed. 4/18/81	LAST NM 15/83	6/85
Substitute	Depth 1418 meters for 1498 meters		8°19'N 159°51'W
	Add Danger circle "Breakers Rep (1980)"		6°33.8'N 177°33.0'E
			(NVS7383, 7384/85)
<b>505</b> (INT 617)	2Ed. 4/18/81	LAST NM 6/85	19/85
Add	Depth 225 meters "Rep (1984)"		9°29'N 160°58'W
			(NVS7391/85)
<b>505</b> (INT 617)	2Ed. 4/18/81	LAST NM 19/85	52/85
Change	International chart number "INT 505" to "INT 617" in margins (4) of chart		
	Legend to "CONTINUED ON INT 809"		10°58'N 172°55'W
			(HNNM7637/85)
<b>505</b> (INT 617)	2Ed. 4/18/81	LAST NM 52/85	52/86
Delete	Danger circle		0°51'S 174°45'W
	Add Depth 22 meters "Rep (1986)"		1°46'S 174°39'W
			(MCNM7846/86)
<b>505</b> (INT 617)	2Ed. 4/18/81	LAST NM 52/86	7/88
Add	Depth 11 meters		1°38'N 173°03'W
			(MCNM8048/88)

505 (INT 617) 2Ed. 4/18/81 LAST NM 7/88 43/88  
 Add Depth 168 meters 2°56'N 158°46'W  
 (MCNM8152/88)

505 (INT 617) 2Ed. 4/18/81 LAST NM 43/88 33/93  
 Add R Bn (AERO) 10°23'S 161°00'W  
 (24(184)93 Auckland)

505 (INT 617) 2Ed. 4/18/81 LAST NM 33/93 16/94  
 Add Depth 20 meters 10°10'S 179°42'W  
 (48(54)93 Brest)

505 (INT 617) 2Ed. 4/18/81 LAST NM 16/94 21/96  
 Delete R Bn (AERO) 2°39'S 176°50'E  
 (BA RA)

505 (INT 617) 2Ed. 4/18/81 LAST NM 21/96 31/98  
 Delete R Bn (AERO) 5°40'S 176°10'E  
 (23(2023)98 Taunton)

505 (INT 617) 2Ed. 4/18/81 LAST NM 31/98 37/99  
 Add Superbuoy ODAS "51028" Y, Fl(4) Y 20s 0°00' 153°53'W  
 (NTM0003/1999)

505 (INT 617) 2Ed. 4/18/81 LAST NM 37/99 15/01  
 Add Depth 1200 meters "Rep (2000)" [I3.2] 5°53'N 165°22'W  
 (42(4094)00 Taunton)

505 (INT 617) 2Ed. 4/18/81 LAST NM 15/01 34/07  
 Delete R Bn (AERO) 10°23'S 161°00'W  
 (NTM0011/2007)

505 (INT 617) 2Ed. 4/18/81 LAST NM 34/07 7/08  
 Add "Depths to 656m rep (2007)" area bound by  
 dashed-line circle, radius 6 miles, centered  
 1°17'N 159°57'W  
 "Depths to 629m rep (2007)" area bound by  
 dashed-line circle, radius 7 miles, centered  
 2°05'N 164°24'W  
 Danger circle [K40] "Shoal rep (2007)", radius  
 14 miles, centered 8°10'N 160°06'W  
 (NTM0003/2008)

★505 (INT 617) 2Ed. 4/18/81 LAST NM 7/08 14/09  
 Add Danger circle "Shoal Rep (2008)", radius 10  
 miles, centered 8°15'S 161°47'W  
 "Depths to 395m rep (2008)" area bound by  
 dashed-line circle, radius 8 miles, centered  
 9°31'S 162°04'W  
 "Depths to 468m rep (2008)" area bound by  
 dashed-line circle, radius 10 miles, centered  
 7°40'S 161°52'W  
 (NTM0009/2009)

★505 (INT 617) 2Ed. 4/18/81 LAST NM 14/09 21/09  
 Add "Depths to 592m rep (2008)" area bound by  
 dashed-line circle, radius 10 miles, centered  
 4°43'N 160°18'W  
 "Depths to 302m rep (2008)" area bound by  
 dashed-line circle, radius 11 miles, centered  
 7°35'N 163°16'W  
 "Depths to 614m rep (2008)" area bound by  
 dashed-line circle, radius 6 miles, centered  
 9°41'N 165°06'W  
 "Depths to 641m rep (2008)" area bound by  
 dashed-line circle, radius 6 miles, centered  
 9°53'N 162°13'W  
 (NTM0009/2009)

505 (INT 617) 2Ed. 4/18/81 LAST NM 21/09 28/11  
 Delete Danger circle and legend "Shoal rep (2007)"  
 centered 8°10'N 160°06'W  
 Dashed-line circle and legend  
 "Depths...(2008)" centered 7°35'N 163°16'W  
 (NTM0020/2011)

★505 (INT 617) 2Ed. 4/18/81 LAST NM 28/11 31/12  
 Delete Dashed-line circle and legend  
 "Depths...(2008)" centered 9°41'N 165°06'W  
 (NTM0016/2010)

505 (INT 617) 2Ed. 4/18/81 LAST NM 31/12 46/14  
 Delete Islet 0°49'N 176°38'W  
 Note: Legend "Howland I (9)" remains  
 Islet 0°13'N 176°27'W  
 Note: Legend "Baker I (6)" remains  
 Add Islet (Howland) [K10] centered 0°48'N 176°37'W  
 Islet (Baker) [K10] centered 0°12'N 176°29'W  
 (US CH 83116)

★505 (INT 617) 2Ed. 4/18/81 LAST NM 46/14 24/18  
 Delete "Depths to 641m rep (2008)" area centered  
 9°53'N 162°13'W  
 "Depths to 656m rep (2007)" area centered  
 1°17'N 159°57'W  
 Add Depth 1054 meters enclosed by depth contour  
 (2000-meter) centered 1°18'N 159°57'W  
 (NTM0001/2018)

★506 (INT 506) 2Ed. 2/3/96 NEW EDITION 25/96  
 Delete Depth 13 meters, blue tint and enclosing  
 depth contours (4) in vicinity 1°05'N 170°31'E  
 Add Depth 185 meters with legend  
 "Volcanic Activity (1995)" 15°34'N 145°32'E  
 Depth  
 30 meters 8°25'N 148°13'E  
 16 meters 8°03'N 148°34'E  
 13 meters "Rep (1991)" 1°05'N 170°31'E  
 Legend to danger circle  
 "Discol water (1992)" 19°45'N 145°43'E  
 "Shoal (1895) ED" 0°27'S 167°12'E  
 "Breakers (1991)" 0°24'N 152°00'E  
 "Breakers (1989)" 1°45'N 152°02'E  
 (DMA; SMEA003/96)

506 (INT 506) 2Ed. 2/3/96 LAST NM 25/96 23/97  
 Add Danger circle "Breakers Rep (1987)" 1°20'S 151°12'E  
 (5(120)97 Wollongong)

506 (INT 506) 2Ed. 2/3/96 LAST NM 23/97 18/00  
 Change Legend to "Asuncion (891) Rep 2 miles north  
 (1969)" 19°41'N 145°37'E  
 (US CH 81086)

506 (INT 506) 2Ed. 2/3/96 LAST NM 18/00 20/05  
 Delete R Bn (AERO) 15°08'N 145°44'E  
 (NOS)

★506 (INT 506) 2Ed. 2/3/96 LAST NM 20/05 26/05  
 Add Depth 3083 meters "Rep (2004)" 15°22'N 160°54'E  
 Depth 3346 meters "Rep (2004)" 16°01'N 170°51'E  
 (NTM0025/2005)

506 (INT 506) 2Ed. 2/3/96 LAST NM 26/05 34/05  
 Add Depth 211 meters "Rep" [I4] 12°37'N 145°31'E  
 Depth 437 meters "Rep" [I4] 13°41'N 145°30'E  
 Depth 428 meters "Rep" [I4] 15°00'N 144°17'E  
 (BA CH 764)

506 (INT 506) 2Ed. 2/3/96 LAST NM 34/05 49/05  
 Add Dashed-line circle "Discolored water Rep"  
 [Ke] 10°07'N 162°52'E  
 (NTM0037/2005)

506 (INT 506) 2Ed. 2/3/96 LAST NM 49/05 4/06  
 Delete Depth 437 meters "Rep"  
 (See 34/05-506) 13°41'N 145°30'E  
 Add Depth 565 meters 15°38'N 148°31'E  
 (NTM0007/2006; BA CH 764)



<b>506</b> (INT 506)	2Ed. 2/3/96	LAST NM 4/06	9/06
Add	Danger circle "Obstn" [K40]		8°20'N 148°09'E
(NTM0009/2006)			
<b>506</b> (INT 506)	2Ed. 2/3/96	LAST NM 9/06	14/06
Add	Danger circle "Obstn" [K40]		7°17'N 145°44'E
	Danger area "Obstn" [K40] with blue tint bound by dotted line joining		8°24'N 148°10'E 8°34'N 148°32'E 8°27'N 148°29'E 8°23'N 148°23'E
(NTM0009/2006)			
<b>506</b> (INT 506)	2Ed. 2/3/96	LAST NM 14/06	13/08
Add	Dashed-line circle [Ke] "Discolored water Rep (2008)"		8°26'N 145°51'E
(NTM0007/2008)			
<b>506</b> (INT 506)	2Ed. 2/3/96	LAST NM 13/08	19/08
Add	Depth 498 meters enclosed by depth contour (1000-meter)		1°06'S 148°02'E
(NTM0026/2007)			
<b>506</b> (INT 506)	2Ed. 2/3/96	LAST NM 19/08	24/08
Add	Depth 345 meters		7°15'N 147°45'E
	Depth 593 meters		8°24'N 147°54'E
	Depth 275 meters		8°20'N 147°50'E
	Depth 409 meters		1°06'N 148°50'E
(NTM0026/2007)			
<b>506</b> (INT 506)	2Ed. 2/3/96	LAST NM 24/08	38/08
Substitute	Depth 35 meters for 42 meters		8°28'N 145°38'E
Add	Depth 32 meters and extend danger dot area and blue tint E to enclose		8°23'N 145°41'E
(NTM0026/2007)			
<b>506</b> (INT 506)	2Ed. 2/3/96	LAST NM 38/08	39/08
Add	Depth 200 meters		7°48'N 147°04'E
	Depth 464 meters		7°29'N 147°24'E
	Depth 526 meters		7°48'N 148°10'E
	Depth 322 meters		7°18'N 146°53'E
(NTM0026/2007)			
<b>★506</b> (INT 506)	2Ed. 2/3/96	LAST NM 39/08	46/08
Substitute	Depth 1280 meters for 1720 meters		16°34'N 167°12'E
	Depth 865 meters for 934 meters		19°20'N 167°31'E
Add	Depth 1410 meters		11°41'N 161°38'E
	Depth 896 meters		12°11'N 168°53'E
	Depth 1097 meters		12°05'N 168°50'E
	Depth 1218 meters		17°14'N 166°01'E
	Depth 1256 meters		17°07'N 162°45'E
	Depth 1194 meters		17°00'N 162°36'E
	Depth 1141 meters		16°33'N 165°21'E
	Depth 1009 meters		19°22'N 167°20'E
	Depth 874 meters		19°22'N 167°25'E
	Depth 1198 meters		16°34'N 167°07'E
	Depth 1146 meters		16°29'N 167°12'E
(NTM0026/2007)			
<b>★506</b> (INT 506)	2Ed. 2/3/96	LAST NM 46/08	52/08
Add	Depth 1000 meters		0°53'S 147°45'E
	Depth 1285 meters		12°21'N 158°39'E
	Depth 1247 meters		12°48'N 157°52'E
	Depth 1192 meters		13°57'N 157°36'E
(NTM0026/2007)			
<b>506</b> (INT 506)	2Ed. 2/3/96	LAST NM 52/08	37/09
Add	Wreck [K29]		14°55'N 147°48'E
(NTM0028/2009)			
<b>506</b> (INT 506)	2Ed. 2/3/96	LAST NM 37/09	47/09
Delete	Depth 694 meters and enclosing depth contour (1000-meter)		16°47'N 146°10'E
Add	Depth 677 meters enclosed by depth contours (3)		12°28'N 144°37'E
	Depth 545 meters enclosed by broken depth contour		12°34'N 145°35'E
(US CH 81004, 81060)			
<b>506</b> (INT 506)	2Ed. 2/3/96	LAST NM 47/09	18/10
Add	Depth 1312 meters enclosed by depth contour (2000-meter) centered		13°15'N 144°02'E
(NTM0001/2010)			
<b>506</b> (INT 506)	2Ed. 2/3/96	LAST NM 18/10	12/12
Add	Depth 524 meters		14°36'N 144°47'E
(NTM0008/2012)			
<b>★506</b> (INT 506)	2Ed. 2/3/96	LAST NM 12/12	14/12
Add	Depth 1742 meters enclosed by depth contour (2000-meter) centered		17°59'N 167°17'E
(NTM0005/2012)			
<b>★506</b> (INT 506)	2Ed. 2/3/96	LAST NM 14/12	49/12
Add	Depth 927 meters enclosed by depth contour (1000-meter) centered		3°34'N 154°27'E
(NTM0005/2012)			
<b>506</b> (INT 506)	2Ed. 2/3/96	LAST NM 49/12	29/13
Add	Depth 1876 meters "Rep (2007)" enclosed by dotted-line circle centered [13.2]		14°17'N 154°34'E
(NTM0015/2013)			
<b>506</b> (INT 506)	2Ed. 2/3/96	LAST NM 29/13	31/13
Add	Depth 2458 meters "Rep (2012)" enclosed by dotted-line circle centered [13.2]		16°37'N 157°47'E
(NTM0015/2013)			
<b>506</b> (INT 506)	2Ed. 2/3/96	LAST NM 31/13	41/13
Delete	Depth 93 meters, blue tint and enclosing depth contour (200-meter) centered		17°00'N 145°46'E
Add	Depth 303 meters and extend depth contour (1000-meter) W to enclose		16°59'N 145°43'E
(NTM0008/2013)			
<b>506</b> (INT 506)	2Ed. 2/3/96	LAST NM 41/13	5/14
Delete	Depth 172 meters, blue tint and enclosing depth contour (200-meter) in vicinity		16°35'N 145°47'E
	Depth 565 meters		15°38'N 148°31'E
	Depth 566 meters		15°34'N 148°18'E
	Depth 1418 meters		15°17'N 148°11'E
	Depth 21 meters, blue tint and enclosing dotted-line circle in vicinity		16°49'N 145°47'E
Add	Depth 3052 meters enclosed by depth contour (4000-meter) centered		17°31'N 162°41'E
	Depth 300 meters		16°35'N 145°48'E
	Depth 1038 meters enclosed by depth contour (2000-meter) centered		15°51'N 148°48'E
	Depth 1831 meters enclosed by depth contour (2000-meter) centered		16°01'N 148°24'E
	Depth 2095 meters enclosed by depth contour (3000-meter) centered		14°59'N 148°29'E
	Depth 1852 meters enclosed by depth contour (2000-meter) centered		16°32'N 147°13'E
	Depth 117 meters, blue tint and enclosing depth contour (200-meter) centered		16°42'N 145°49'E
(NTM0001/2014)			
<b>506</b> (INT 506)	2Ed. 2/3/96	LAST NM 5/14	49/14
Delete	Depth 428 meters "Rep"		15°00'N 144°17'E
(NTM0012/2014)			
<b>★507</b> (INT 507)	2Ed. 9/14/96	NEW EDITION	50/96
Add	Depth		
	442 meters		9°36'N 140°26'E
	407 meters		7°58'N 137°19'E
	676 meters		7°44'N 137°03'E
(Previously published 42/96)			
Add	R Bn (AERO)		9°30'N 138°05'E 7°20'N 134°29'E
(NIMA; BA RA)			
<b>507</b> (INT 507)	2Ed. 9/14/96	LAST NM 50/96	1/97
Add	Light symbol		2°00.3'S 139°14.5'E
(GIMM058/96)			

507 (INT 507)	2Ed. 9/14/96	LAST NM 1/97	50/97
Add	Depth 106 meters	3°28.9'S 143°57.7'E	
	(20(549)97 Wollongong)		
507 (INT 507)	2Ed. 9/14/96	LAST NM 50/97	45/02
Delete	Rock awash	9°50'N 116°36'E	
	Dangerous submerged rock	9°47'N 116°41'E	
	Rock awash	9°45'N 116°44'E	
Add	Danger circle [K1]	11°48'N 117°50'E	
	Danger circle [K1]	11°43'N 117°34'E	
	(36(3833)02 Taunton)		
507 (INT 507)	2Ed. 9/14/96	LAST NM 45/02	20/05
Delete	R Bn (AERO)	15°08'N 145°44'E	
	(NOS)		
507 (INT 507)	2Ed. 9/14/96	LAST NM 20/05	9/06
Add	Danger circle "Obstn" [K40]	8°20'N 148°09'E	
	(NTM0009/2006)		
507 (INT 507)	2Ed. 9/14/96	LAST NM 9/06	14/06
Add	Danger circle "Obstn" [K40]	7°17'N 145°44'E	
	Danger area "Obstn" [K40] with blue tint bound by dotted line joining		
		8°24'N 148°10'E	
		8°34'N 148°32'E	
		8°27'N 148°29'E	
		8°23'N 148°23'E	
	(NTM0009/2006)		
507 (INT 507)	2Ed. 9/14/96	LAST NM 14/06	13/08
Add	Dashed-line circle [Ke] "Discolored water Rep (2008)"	8°26'N 145°51'E	
	(NTM0007/2008)		
507 (INT 507)	2Ed. 9/14/96	LAST NM 13/08	19/08
Add	Depth 498 meters enclosed by depth contour (1000-meter)	1°06'S 148°02'E	
	(NTM0026/2007)		
507 (INT 507)	2Ed. 9/14/96	LAST NM 19/08	24/08
Delete	R Bn at light	1°54'N 125°06'E	
Add	Depth 409 meters	1°06'S 148°50'E	
	Depth 345 meters	7°14'N 147°45'E	
	Depth 593 meters	8°24'N 147°54'E	
	Depth 275 meters	8°20'N 147°50'E	
	(BA LL; NTM0026/2007)		
507 (INT 507)	2Ed. 9/14/96	LAST NM 24/08	38/08
Substitute	Depth 35 meters for 42 meters	8°28'N 145°38'E	
Add	Depth 32 meters and extend danger dot area and blue tint SE to enclose	8°23'N 145°41'E	
	(NTM0026/2007)		
★507 (INT 507)	2Ed. 9/14/96	LAST NM 38/08	39/08
Add	Depth 11 meters	7°45'N 147°13'E	
	Depth 200 meters	7°48'N 147°04'E	
	Depth 464 meters	7°29'N 147°24'E	
	Depth 526 meters	7°48'N 148°10'E	
	Depth 322 meters	7°18'N 146°53'E	
	(NTM0026/2007)		
507 (INT 507)	2Ed. 9/14/96	LAST NM 39/08	47/08
Add	Depth 11.2 meters Rk [K14.2]	13°27'N 144°37'E	
	(NOS)		
507 (INT 507)	2Ed. 9/14/96	LAST NM 47/08	52/08
Substitute	Depth 373 meters for 407 meters	7°58'N 137°19'E	
Add	Depth 1000 meters	0°53'S 147°45'E	
	(NTM0026/2007)		
507 (INT 507)	2Ed. 9/14/96	LAST NM 52/08	37/09
Add	Wreck [K29]	14°55'N 147°48'E	
	(NTM0028/2009)		
507 (INT 507)	2Ed. 9/14/96	LAST NM 37/09	47/09
Delete	Depth 106 meters	12°37'N 144°21'E	
Add	Dashed-line circle "Discol. water rep (1972)" [Ke]	13°01'N 141°29'E	
	Depth 677 meters enclosed by depth contours (3)	12°28'N 144°37'E	
	Depth 545 meters enclosed by broken depth contour	12°34'N 145°35'E	
	(BA CH 764; US CH 81060)		
507 (INT 507)	2Ed. 9/14/96	LAST NM 47/09	7/10
Add	"Depths to 198m rep (2009)" area bound by dashed-line circle, radius 8 miles, centered	5°19'S 128°15'E	
	(NTM0011/2009)		
507 (INT 507)	2Ed. 9/14/96	LAST NM 7/10	18/10
Add	Depth 1312 meters enclosed by depth contour (2000-meter) centered	13°15'N 144°02'E	
	(NTM0001/2010)		
507 (INT 507)	2Ed. 9/14/96	LAST NM 18/10	38/10
Delete	Depth 5.4 meters, blue tint, enclosing depth contour (30-meter) and legend "Carnatic Sh" in vicinity	10°07'N 117°20'E	
	Depth 14.6 meters, blue tint and enclosing depth contour (30-meter) centered	10°20'N 117°17'E	
	Depth 16 meters, blue tint and enclosing depth contour (30-meter) centered	10°38'N 117°38'E	
	Dangerous submerged rock	11°02'N 117°37'E	
	(NTM0001/2010)		
507 (INT 507)	2Ed. 9/14/96	LAST NM 38/10	5/11
Add	Depth 1196 meters "Rep (2010)"	13°24'N 143°55'E	
	(NTM0021/2010)		
507 (INT 507)	2Ed. 9/14/96	LAST NM 5/11	12/12
Substitute	Depth 524 meters for 1400 meters	14°36'N 144°47'E	
	(NTM0008/2012)		
507 (INT 507)	2Ed. 9/14/96	LAST NM 12/12	13/13
Add	Depth 26 meters, blue tint and enclosing depth contour (30-meter) centered	14°56'N 123°44'E	
	(NTM0002/2013)		
507 (INT 507)	2Ed. 9/14/96	LAST NM 13/13	49/14
Delete	Depth 45 meters, blue tint and enclosing dotted-line circle centered	10°09'N 140°43'E	
	Depth 32 meters, blue tint and enclosing dotted-line circle centered	13°03'N 144°23'E	
	Depth 235 meters and enclosing dotted-line circle in vicinity	14°16'N 141°43'E	
Substitute	Depth 1462 meters for 1196 meters "Rep (2010)"	13°24'N 143°55'E	
Add	Depth 1248 meters	12°34'N 141°03'E	
	(NTM0012/2014)		
★507 (INT 507)	2Ed. 9/14/96	LAST NM 49/14	3/17
Delete	Dangerous submerged rock	10°48'N 116°51'E	
	(NTM0002/2016)		
★508 (INT 508)	2Ed. 5/18/96	NEW EDITION	33/96
	(DMA)		
508 (INT 508)	2Ed. 5/18/96	LAST NM 33/96	39/96
Add	Light symbol	16°34'N 107°37'E	
		16°53'N 107°12'E	
		20°08'N 107°43'E	
		21°23'N 108°00'E	
	(24(46)96 Brest)		
508 (INT 508)	2Ed. 5/18/96	LAST NM 39/96	40/96
Delete	R Bn (AERO)	5°01'N 118°20'E	
	(BA RA)		

<b>508</b> (INT 508)	2Ed. 5/18/96	LAST NM 40/96	45/96	
Delete	Dangerous wreck	4°37'S	112°59'E	Depth 198 meters enclosed by depth contour (200-meter)
	(39(3218)96 Taunton)			(36(3833, 3834)02 Taunton)
<b>508</b> (INT 508)	2Ed. 5/18/96	LAST NM 45/96	51/96	<b>508</b> (INT 508)
Add	Depth 45 meters	7°36.3'N	108°30.0'E	2Ed. 5/18/96
	(43(3560)96 Taunton)			LAST NM 45/02
				Delete
				Depth 15 meters
				(43(1107)04 Tokyo)
<b>508</b> (INT 508)	2Ed. 5/18/96	LAST NM 51/96	8/97	<b>508</b> (INT 508)
Substitute	Depth			2Ed. 5/18/96
	39 meters Wk for 11 meters Wk	2°15'N	104°56'E	LAST NM 52/04
	20 meters Wk (unsurveyed) for			Delete
	27 meters Wk	2°38'N	105°13'E	Depth 93 meters
	(33(2386)91, 50(4146)96 Taunton)			Substitute
				Depth 134 meters for 24 meters
				(30(782)04 Tokyo)
<b>508</b> (INT 508)	2Ed. 5/18/96	LAST NM 8/97	10/97	<b>508</b> (INT 508)
Add	Dangerous wreck	4°32'N	108°14'E	2Ed. 5/18/96
	(1(63)97 Taunton)			LAST NM 9/05
				Add
				Wreck [K29]
				(13/05 Tso-ying)
<b>508</b> (INT 508)	2Ed. 5/18/96	LAST NM 10/97	30/97	<b>508</b> (INT 508)
Add	Light symbol	21°14'N	107°58'E	2Ed. 5/18/96
	(GIMM047/96)			LAST NM 26/05
				Add
				Depth 12 meters
				(43(1306)05 Tokyo)
<b>508</b> (INT 508)	2Ed. 5/18/96	LAST NM 30/97	50/97	<b>508</b> (INT 508)
Add	Submarine cable joining	20°16'N	121°00'E	2Ed. 5/18/96
		20°12'N	120°27'E	LAST NM 50/05
		20°28'N	120°00'E	Add
		20°49'N	118°58'E	Wreck [K29]
		20°52'N	118°45'E	(67/05 Tso-ying)
	(31(474)97 Inchon)			
<b>508</b> (INT 508)	2Ed. 5/18/96	LAST NM 50/97	2/99	<b>508</b> (INT 508)
Substitute	Depth 442 meters for 477 meters	16°52'N	114°50'E	2Ed. 5/18/96
	(5(329)98 Taunton)			LAST NM 4/06
				Add
				Wreck [K29]
				(36(360)05 Jakarta)
<b>508</b> (INT 508)	2Ed. 5/18/96	LAST NM 2/99	4/99	<b>508</b> (INT 508)
Delete	Depth 1481 meters	13°35'N	112°20'E	2Ed. 5/18/96
				LAST NM 12/06
Add	Depth			Add
	469 meters	8°14'N	110°55'E	Wreck [K29]
	220 meters	9°19'N	112°15'E	(2(7)06 Jakarta)
	485 meters	8°41'N	112°26'E	
	475 meters	6°40'N	111°57'E	<b>508</b> (INT 508)
	293 meters	6°16'N	110°17'E	2Ed. 5/18/96
	110 meters	5°42'N	111°09'E	LAST NM 18/06
	305 meters	13°39'N	112°20'E	Add
	(12(1032, 1033)98 Taunton)			Danger circle [Ke] "Discol water" centered
				(6(93)06 Kuala Lumpur)
<b>508</b> (INT 508)	2Ed. 5/18/96	LAST NM 4/99	20/99	<b>508</b> (INT 508)
Add	Danger circle "Obstn"	7°20'S	116°15'E	2Ed. 5/18/96
	(26(2286)98 Taunton)			LAST NM 35/06
				Add
				Wreck [K29]
				(168, 171/06 Tso-ying)
<b>508</b> (INT 508)	2Ed. 5/18/96	LAST NM 20/99	40/99	<b>508</b> (INT 508)
Add	Dangerous wreck	0°37'N	107°50'E	2Ed. 5/18/96
	(31(2890)99 Taunton)			LAST NM 9/07
				Add
				Depth 69 meters "Rep (2001)" [I3.2]
				(5(523)08 Taunton)
<b>508</b> (INT 508)	2Ed. 5/18/96	LAST NM 40/99	42/01	<b>508</b> (INT 508)
Add	Rock awash [K12] "Rep (1999)" (PA)	9°03'N	108°17'E	2Ed. 5/18/96
	(NTM0013/2001)			LAST NM 19/08
				Substitute
				Depth 147 meters for 7.5 meters
				and delete danger circle and blue tint
				Depth 171 meters for 13 meters
				and delete blue tint and enclosing depth contour
				(NTM0005/2008)
<b>508</b> (INT 508)	2Ed. 5/18/96	LAST NM 42/01	15/02	<b>508</b> (INT 508)
Add	Depth 30 meters Wk [K26]	1°49'N	108°29'E	2Ed. 5/18/96
	(5(482)02 Taunton)			LAST NM 46/08
				Substitute
				Depth 289 meters for 307 meters
				(NTM0011/2009)
<b>508</b> (INT 508)	2Ed. 5/18/96	LAST NM 15/02	24/02	<b>508</b> (INT 508)
Add	Depth 18 meters "Rep (2002)" [I3.2]	7°12'N	108°37'E	2Ed. 5/18/96
	(18(1833)02 Taunton)			LAST NM 38/09
				Add
				"Depths to 404m rep (2009)" area bound by dashed-line circle, radius 10 miles, centered
				(NTM0011/2009)
<b>508</b> (INT 508)	2Ed. 5/18/96	LAST NM 24/02	45/02	<b>508</b> (INT 508)
Delete	Rock awash	9°50'N	116°36'E	2Ed. 5/18/96
	Dangerous submerged rock	9°47'N	116°41'E	LAST NM 7/10
	Rock awash	9°45'N	116°44'E	Add
				"Depths to 404m rep (2009)" area bound by dashed-line circle, radius 10 miles, centered
				(NTM0011/2009)
Add	Danger circle [K1]	11°48'N	117°50'E	<b>508</b> (INT 508)
	Danger circle [K1]	11°43'N	117°34'E	2Ed. 5/18/96
				LAST NM 7/10
				Delete
				Depth 5 meters, blue tint, enclosing depth contour (30-meter) and legend "Carnatic Sh" in vicinity
				(10°07'N 117°21'E)
	Depth 370 meters enclosed by depth contour (1000-meter)	11°33'N	113°21'E	
	Depth 270 meters enclosed by depth contour (1000-meter)	11°11'N	113°54'E	

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508 (Continued) 38/10  
 Depth 14 meters, blue tint and enclosing depth contour (30-meter) centered 10°21'N 117°17'E  
 Depth 16 meters, blue tint and enclosing depth contour (30-meter) centered 10°38'N 117°38'E  
 Dangerous submerged rock (NTM0001/2010) 11°02'N 117°37'E

508 (INT 508) 2Ed. 5/18/96 LAST NM 38/10 40/10  
 Delete Depth 18 meters, blue tint, enclosing dotted-line circle and legend "Truro Sh" in vicinity 16°19'N 116°43'E  
 Add Depth 4014 meters (NTM0001/2010) 16°19'N 116°43'E

508 (INT 508) 2Ed. 5/18/96 LAST NM 40/10 26/11  
 Substitute Depth 20 meters, blue tint and enclosing depth contour (30-meter) for 226 meters 6°38'N 112°39'E  
 Add Depth 128 meters, blue tint and enclosing depth contour (200-meter) centered (NTM0023/2010) 6°29'N 112°36'E

508 (INT 508) 2Ed. 5/18/96 LAST NM 26/11 49/11  
 Add Depth 415 meters enclosed by depth contour (1000-meter) centered (NTM0010/2011) 6°18'N 112°09'E

508 (INT 508) 2Ed. 5/18/96 LAST NM 49/11 40/13  
 Add Dangerous wreck [K28] (PA) 21°02'N 108°29'E  
 Dangerous wreck [K28] (PA) 21°00'N 108°41'E  
 (12(386, 387)13 Tianjin)

508 (INT 508) 2Ed. 5/18/96 LAST NM 40/13 32/16  
 Delete Depth 23 meters, blue tint and enclosing dotted-line circle centered (NTM0003/2016) 8°12'N 116°35'E

508 (INT 508) 2Ed. 5/18/96 LAST NM 32/16 3/17  
 Delete Dangerous submerged rock "Ganges Reef" 9°22'N 114°10'E  
 Dangerous submerged rock "Cay Marino" 8°30'N 114°21'E  
 Dangerous submerged rock 10°36'N 115°10'E  
 Dangerous submerged rock 10°49'N 116°51'E  
 Dangerous submerged rock 9°04'N 115°17'E  
 Dangerous submerged rock 8°48'N 115°11'E  
 Dangerous submerged rock 8°26'N 115°56'E  
 Dotted-line area and blue tint in vicinity 8°20'N 115°25'E  
 Danger circle "Discol Water" in vicinity 9°33'N 114°02'E  
 (NTM0002/2016)

★508 (INT 508) 2Ed. 5/18/96 LAST NM 3/17 35/17  
 Delete Depth 122 meters, blue tint and enclosing dotted-line circle in vicinity 9°49'N 109°52'E  
 Depth 119 meters, blue tint and enclosing dotted-line circle in vicinity 9°55'N 109°57'E  
 (NTM0004/2017)

★508 (INT 508) 2Ed. 5/18/96 LAST NM 35/17 1/18  
 Delete Depth 129 meters 6°43'N 109°36'E  
 Add Depth 72 meters and extend depth contour (200-meter) N to enclose (NTM0005/2017) 6°47'N 109°35'E

★509 (INT 509) 4Ed. 7/2/94 NEW EDITION 39/94  
 Add Light flare symbol to light star (DMAHTC; Jpn LL) 41°15'N 140°21'E

509 (INT 509) 4Ed. 7/2/94 LAST NM 39/94 48/94  
 Add R Bn (AERO) 37°45'N 128°57'E  
 38°09'N 128°36'E  
 (ROK CH 154, 155; ROK LL)

509 (INT 509) 4Ed. 7/2/94 LAST NM 48/94 37/95  
 Relocate Superbuoy ODAS close W to (26(2087)95 Taunton) 29°29'N 124°00'E

509 (INT 509) 4Ed. 7/2/94 LAST NM 37/95 42/95  
 Add Dangerous wreck (14(93)95 Tianjin) 37°35.1'N 122°45.5'E

509 (INT 509) 4Ed. 7/2/94 LAST NM 42/95 8/96  
 Add Dangerous wreck (23(153, 156)95 Tianjin) 34°02'N 121°53'E  
 35°34'N 120°55'E

509 (INT 509) 4Ed. 7/2/94 LAST NM 8/96 18/96  
 Add Light symbol (14(656)96 Tokyo) 29°26.8'N 129°37.0'E

509 (INT 509) 4Ed. 7/2/94 LAST NM 18/96 22/96  
 Delete R Bn at light (16(32)96 Tokyo) 35°08'N 139°41'E

509 (INT 509) 4Ed. 7/2/94 LAST NM 22/96 41/96  
 Add Dangerous wreck (16(142)96 Tianjin) 34°36'N 121°26'E

509 (INT 509) 4Ed. 7/2/94 LAST NM 41/96 5/97  
 Delete Dangerous wreck (See 8/96-509) (23(185)96 Tianjin) 34°02'N 121°53'E

509 (INT 509) 4Ed. 7/2/94 LAST NM 5/97 19/97  
 Add Dangerous wreck (7(294, 295)97 Tokyo) 30°48'N 124°37'E  
 28°24'N 123°50'E

509 (INT 509) 4Ed. 7/2/94 LAST NM 19/97 24/97  
 Add R Bn at light (14(22)97 Tokyo) 35°08'N 139°41'E

509 (INT 509) 4Ed. 7/2/94 LAST NM 24/97 31/97  
 Add Depth 78 meters (11(119)97 Tianjin) 29°55'N 127°03'E

509 (INT 509) 4Ed. 7/2/94 LAST NM 31/97 50/97  
 Add Submarine cable joining 34°46'N 128°39'E  
 34°43'N 128°48'E  
 34°34'N 128°52'E  
 34°22'N 128°45'E  
 34°00'N 128°31'E  
 32°42'N 128°02'E  
 32°31'N 128°02'E  
 32°13'N 128°04'E  
 31°43'N 128°10'E  
 31°23'N 128°14'E  
 30°59'N 129°27'E  
 30°57'N 130°06'E  
 30°50'N 130°36'E  
 30°55'N 130°59'E  
 30°56'N 131°14'E  
 31°00'N 131°35'E  
 30°57'N 131°52'E  
 30°54'N 132°04'E  
 30°54'N 132°11'E  
 31°02'N 132°35'E  
 31°01'N 132°52'E

joining 31°23'N 128°14'E  
 31°05'N 128°05'E  
 30°30'N 128°06'E  
 29°49'N 128°01'E  
 28°10'N 127°09'E  
 27°49'N 126°49'E  
 27°12'N 126°25'E  
 26°18'N 126°05'E  
 25°58'N 126°53'E  
 25°01'N 127°07'E  
 24°11'N 126°14'E  
 23°44'N 125°21'E  
 22°50'N 124°17'E  
 22°11'N 123°50'E  
 21°32'N 122°16'E  
 20°50'N 121°36'E  
 20°16'N 120°59'E

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509 (Continued)	50/97	20°12'N 120°27'E	21°20'N 121°19'E
		20°28'N 120°00'E	
		20°49'N 118°58'E	
		20°52'N 118°45'E	
(31(473, 474)97 Inchon)			
509 (INT 509)	4Ed. 7/2/94	LAST NM 50/97	7/98
Add Wreck		33°38.3'N 122°33.0'E	
(23(231)97 Tianjin)			
509 (INT 509)	4Ed. 7/2/94	LAST NM 7/98	28/98
Delete Light		37°39'N 125°41'E	
(16(282)98 Inchon)			
509 (INT 509)	4Ed. 7/2/94	LAST NM 28/98	37/98
Add Dangerous wreck		32°40.4'N 122°59.8'E	
(14(126)98 Tianjin)			
509 (INT 509)	4Ed. 7/2/94	LAST NM 37/98	45/98
Add Legend "(see Note)"		20°17'N 135°45'E	
		Note in right upper margin of chart	
		"OKI-NO-TORI SHIMA	
		Mariners are advised that Oki-No-Tori	
		Shima (20°25'N 136°05'E) should be given	
		a wide berth. See Sailing Directions."	
(4(317)98 Taunton)			
509 (INT 509)	4Ed. 7/2/94	LAST NM 45/98	52/98
Delete Depth 47 meters		30°33'N 126°18'E	
(32(1344)98 Tokyo)			
509 (INT 509)	4Ed. 7/2/94	LAST NM 52/98	6/99
Substitute Depth			
14.5 meters for 53 meters		30°12'N 130°03'E	
2.1 meters Rk for 3.2 meters		30°03'N 129°52'E	
50 meters for 93 meters		29°22'N 129°05'E	
(50(2069, 2070)98 Tokyo)			
509 (INT 509)	4Ed. 7/2/94	LAST NM 6/99	8/99
Add Depth 26 meters "Rep"		24°01'N 123°35'E	
(GIMM007/99)			
509 (INT 509)	4Ed. 7/2/94	LAST NM 8/99	20/99
Delete Depth 57 meters		33°00'N 139°45'E	
(9(347)99 Tokyo)			
509 (INT 509)	4Ed. 7/2/94	LAST NM 20/99	21/99
Add Racon at light		37°15'N 131°52'E	
(12(120)99 Inchon)			
509 (INT 509)	4Ed. 7/2/94	LAST NM 21/99	32/99
Substitute Depth 50 meters for dangerous submerged rock		31°55'N 140°02'E	
(25(1087)99 Tokyo)			
509 (INT 509)	4Ed. 7/2/94	LAST NM 38/99	40/99
Delete Depth 50 meters		30°58'N 138°58'E	
Add Depth 168 meters		31°00'N 139°00'E	
(34(1382)99 Tokyo)			
509 (INT 509)	4Ed. 7/2/94	LAST NM 40/99	47/99
Add Light symbol		42°19'N 130°40'E	
(48(7510)98 St. Petersburg)			
509 (INT 509)	4Ed. 7/2/94	LAST NM 47/99	32/00
Delete R Bn at light		34°13'N 125°51'E	
(24(295)00 Inchon)			
509 (INT 509)	4Ed. 7/2/94	LAST NM 32/00	14/02
Add Depth 424 meters enclosed by depth contour		16°32'N 129°37'E	
(1000-meter)			
(13(1402)01 Taunton)			
509 (INT 509)	4Ed. 7/2/94	LAST NM 14/02	52/04
Delete Depth 15.8 meters		21°35'N 120°34'E	
		Depth 20 meters	
		(43(1107)04 Tokyo)	
509 (INT 509)	4Ed. 7/2/94	LAST NM 52/04	9/05
Delete Depth 20 meters		21°32'N 121°16'E	
Depth 93 meters		21°40'N 120°26'E	
Substitute Depth 134 meters for 24 meters		21°28'N 120°42'E	
(30(782)04 Tokyo)			
509 (INT 509)	4Ed. 7/2/94	LAST NM 9/05	51/05
Add Dangerous wreck [K28]		25°28'N 120°22'E	
(44(1323)05 Tokyo)			
509 (INT 509)	4Ed. 7/2/94	LAST NM 51/05	53/05
Add Danger circle [K1] "seismometer"		33°46'N 137°36'E	
(BA CH 996)			
509 (INT 509)	4Ed. 7/2/94	LAST NM 53/05	19/06
Add Wreck [K29] (PA)		31°51'N 126°32'E	
(12(154)06 Inchon)			
509 (INT 509)	4Ed. 7/2/94	LAST NM 19/06	24/06
Delete Dangerous wreck		34°05'N 128°05'E	
Add Depth 45 meters Wk [K26]		34°28'N 128°08'E	
(2(35)06 Inchon)			
509 (INT 509)	4Ed. 7/2/94	LAST NM 24/06	27/06
Delete Submarine cable between		33°26'N 126°55'E	
		20°45'N 118°15'E	
(2(37)06 Inchon)			
509 (INT 509)	4Ed. 7/2/94	LAST NM 27/06	29/06
Add Wreck [K29]		33°54'N 125°44'E	
(49(814)05 Inchon)			
509 (INT 509)	4Ed. 7/2/94	LAST NM 29/06	33/06
Add Racon [S3.1] at light		37°28'N 130°53'E	
(29(420)06 Inchon)			
509 (INT 509)	4Ed. 7/2/94	LAST NM 35/06	36/06
Delete Dangerous wreck		28°29'N 122°06'E	
(18(348)06 Tianjin)			
509 (INT 509)	4Ed. 7/2/94	LAST NM 36/06	39/06
Add Wreck [K29]		38°41'N 120°59'E	
(26(530)06 Tianjin)			
509 (INT 509)	4Ed. 7/2/94	LAST NM 39/06	42/06
Delete R Bn		38°57'N 139°49'E	
Legend "R Bn" at light		33°15'N 134°11'E	
Note: Ramark remains			
Add Wreck [K29]		37°50'N 124°37'E	
(35(516)06 Inchon; 36(1063, 1066)06 Tokyo)			
509 (INT 509)	4Ed. 7/2/94	LAST NM 43/06	45/06
Add Dangerous wreck [K28]		39°45'N 120°11'E	
(34(744)06 Tianjin)			
509 (INT 509)	4Ed. 7/2/94	LAST NM 45/06	47/06
Add Platform lighted [L10] "CEP"		28°31'N 125°01'E	
Platform lighted [L10] "CHX"		28°21'N 124°56'E	
(13(230)06 Tianjin)			
509 (INT 509)	4Ed. 7/2/94	LAST NM 47/06	12/07
Add Depth 32 meters Wk [K26]		29°56'N 122°50'E	
(5(71)06 Tianjin)			
509 (INT 509)	4Ed. 7/2/94	LAST NM 12/07	28/08
Delete R Bn		34°53'N 132°02'E	
(22(744)08 Tokyo)			

<b>509</b> (INT 509)	4Ed. 7/2/94	LAST NM 28/08	38/08
Add	Depth 22 meters "Rep (2008)" [I3.2]	25°26'N 123°14'E	
	(NTM0010/2008)		
<b>509</b> (INT 509)	4Ed. 7/2/94	LAST NM 38/08	23/09
Delete	Light symbol	41°48'N 140°05'E	
	(8(301)09 Tokyo)		
<b>509</b> (INT 509)	4Ed. 7/2/94	LAST NM 23/09	29/09
Substitute	Depth 517 meters for 320 meters	25°08'N 135°41'E	
Add	Depth 733 meters	25°31'N 135°27'E	
	(NTM0011/2009)		
<b>509</b> (INT 509)	4Ed. 7/2/94	LAST NM 29/09	38/09
Delete	R Bn at light	34°15'N 136°54'E	
	(24(1037)09 Tokyo)		
<b>509</b> (INT 509)	4Ed. 7/2/94	LAST NM 38/09	18/10
Delete	R Bn at light	37°54'N 128°50'E	
	R Bn at light	36°07'N 125°58'E	
	(ROK CH 165, 326)		
<b>509</b> (INT 509)	4Ed. 7/2/94	LAST NM 18/10	19/10
Delete	R Bn at light	37°21'N 126°31'E	
	(ROK CH 338)		
<b>509</b> (INT 509)	4Ed. 7/2/94	LAST NM 19/10	11/11
Delete	R Bn from light	36°04'N 129°35'E	
	(ROK CH 146)		
<b>509</b> (INT 509)	4Ed. 7/2/94	LAST NM 11/11	10/13
Add	Dangerous wreck [K28]	36°40'N 122°26'E	
	(5(558)13 Taunton)		
<b>509</b> (INT 509)	4Ed. 7/2/94	LAST NM 10/13	13/13
Add	Depth 26 meters, blue tint and enclosing depth contour (30-meter) centered	14°56'N 123°44'E	
	(NTM0002/2013)		
<b>509</b> (INT 509)	4Ed. 7/2/94	LAST NM 13/13	34/13
Add	Dangerous wreck [K28] "Rep (2008)"	35°39'N 124°51'E	
	(43(682)11 Inchon)		
<b>509</b> (INT 509)	4Ed. 7/2/94	LAST NM 34/13	36/13
Add	Dangerous wreck [K28] (PA)	29°56'N 122°45'E	
	(28(3089)13 Taunton)		
<b>509</b> (INT 509)	4Ed. 7/2/94	LAST NM 36/13	42/13
Delete	Dangerous wreck	34°56'N 122°39'E	
Add	Dangerous wreck [K28] "Rep (2012)" PA	34°56'N 122°37'E	
	(1(2)13 Tianjin; UKHO ARCS 3480-0)		
<b>509</b> (INT 509)	4Ed. 7/2/94	LAST NM 42/13	21/14
Add	Dangerous wreck [K28]	38°22'N 121°11'E	
	(13(395)14 Tianjin)		
<b>509</b> (INT 509)	4Ed. 7/2/94	LAST NM 21/14	23/14
Delete	Dangerous wreck	37°17'N 122°55'E	
Add	Depth 38 meters Wk [K26]	37°39'N 122°52'E	
	Depth 34 meters Obstn [K41]	37°12'N 123°05'E	
	(15(479)14 Tianjin)		
<b>★509</b> (INT 509)	4Ed. 7/2/94	LAST NM 23/14	41/16
Add	Chartlet, depicting changes in hydrography, topography and aids to navigation, from Subsection I-2	20°17'N 135°47'E	
	(NTM0003/2016)		
<b>★509</b> (INT 509)	4Ed. 7/2/94	LAST NM 41/16	49/16
Delete	Dashed-line circle and legend "Sub Vol (Rep 1983)" in vicinity	17°58'N 136°25'E	
	(NTM0002/2016)		
<b>★509</b> (INT 509)	4Ed. 7/2/94	LAST NM 49/16	38/17
Delete	Depth 51 meters, blue tint and enclosing dotted-line area in vicinity	31°37'N 128°18'E	
	(NTM0004/2017)		
<b>509</b> (INT 509)	4Ed. 7/2/94	LAST NM 38/17	8/19
Add	Wreck [K29] (PA)	33°38'N 127°25'E	
	(8(130)17 Busan)		
<b>★509</b> (INT 509)	4Ed. 7/2/94	LAST NM 8/19	13/19
Add	Depth 860 meters "Rep (2000)" enclosed by dotted-line circle [I3.2] centered	40°09'N 134°42'E	
	(NTM0002/2019)		
<b>★510</b> (INT 510)	3Ed. 5/25/96	NEW EDITION	36/96
Delete	RC at light	35°08'N 139°41'E	
	RC (AERO)	35°37'N 135°05'E	
	(DMA; 16(32)96 Tokyo; Jpn LL)		
<b>510</b> (INT 510)	3Ed. 5/25/96	LAST NM 36/96	4/97
Delete	Depth 612 meters	23°06'N 142°21'E	
Substitute	Depth		
	99 meters for 214 meters	23°45'N 141°44'E	
	92 meters for 370 meters		
	"Rep (1982)"	23°05'N 142°20'E	
Add	Depth 94 meters	22°12'N 141°52'E	
	(46(3818)96 Taunton)		
<b>510</b> (INT 510)	3Ed. 5/25/96	LAST NM 4/97	6/97
Add	Legend "Kita-Hukutoku Tai (Vol)" to depth 73 meters	24°25'N 141°25'E	
	(51(2392)96 Tokyo)		
<b>510</b> (INT 510)	3Ed. 5/25/96	LAST NM 6/97	24/97
Add	RC at light	35°08'N 139°41'E	
	(See 36/96-510)		
	(14(22)97 Tokyo)		
<b>510</b> (INT 510)	3Ed. 5/25/96	LAST NM 24/97	45/98
Add	Legend "(see Note)"	20°17'N 135°45'E	
	Note in left upper margin of chart "OKI-NO-TORI SHIMA		
	Mariners are advised that Oki-No-Tori Shima (20°25'N 136°05'E) should be given a wide berth. See Sailing Directions."		
	(4(317)98 Taunton)		
<b>510</b> (INT 510)	3Ed. 5/25/96	LAST NM 45/98	20/99
Delete	Depth 57 meters	33°00'N 139°45'E	
	(9(347)99 Tokyo)		
<b>510</b> (INT 510)	3Ed. 5/25/96	LAST NM 20/99	32/99
Substitute	Depth 50 meters for 22.5 meters	31°55'N 140°02'E	
	(25(1087)99 Tokyo)		
<b>510</b> (INT 510)	3Ed. 5/25/96	LAST NM 32/99	40/99
Delete	Depth 50 meters	30°58'N 138°58'E	
Add	Depth 168 meters	31°00'N 139°00'E	
	(34(1382)99 Tokyo)		
<b>510</b> (INT 510)	3Ed. 5/25/96	LAST NM 40/99	18/00
Change	Legend to "Asuncion I. (891) Rep 2 miles north (1969)"	19°41'N 145°42'E	
	(US CH 81086)		
<b>510</b> (INT 510)	3Ed. 5/25/96	LAST NM 18/00	40/03
Add	Dashed-line circle with blue tint and legend "Discolored Water Reported (2003)" (PA)	24°18'N 141°59'E	
	(NTM0028/2003)		
<b>510</b> (INT 510)	3Ed. 5/25/96	LAST NM 40/03	17/04
Delete	Depth 1230 meters	41°28'N 144°17'E	
	(7(186)04 Tokyo)		

<b>510</b> (INT 510)	3Ed. 5/25/96	LAST NM 17/04	20/05
Delete	RC (AERO)	15°08'N 145°44'E	
(NOS)			
<b>510</b> (INT 510)	3Ed. 5/25/96	LAST NM 20/05	29/05
Add	Dashed-line circle [Ke]		
	"Discolored water Rep (2005)"	24°17'N 141°29'E	
(NTM0026/2005)			
<b>510</b> (INT 510)	3Ed. 5/25/96	LAST NM 29/05	34/05
Add	Depth 437 meters "Rep" [I4]	13°41'N 145°30'E	
	Depth 428 meters "Rep" [I4]	15°00'N 144°17'E	
(BA CH 764)			
<b>510</b> (INT 510)	3Ed. 5/25/96	LAST NM 34/05	4/06
Delete	Depth 437 meters "Rep"	13°41'N 145°30'E	
	(See 34/05-510)		
(NTM0007/2006)			
<b>510</b> (INT 510)	3Ed. 5/25/96	LAST NM 4/06	42/06
Delete	RC at light	38°57'N 139°49'E	
	Legend "RW" at light	38°17'N 141°35'E	
	Note: Ramark remains		
(36(1063, 1064)06 Tokyo)			
<b>510</b> (INT 510)	3Ed. 5/25/96	LAST NM 42/06	32/08
Delete	Purple circle at light	38°17'N 141°35'E	
(25(874)08 Tokyo)			
<b>510</b> (INT 510)	3Ed. 5/25/96	LAST NM 32/08	23/09
Delete	Light symbol	41°48'N 140°05'E	
(8(301)09 Tokyo)			
<b>510</b> (INT 510)	3Ed. 5/25/96	LAST NM 23/09	29/09
Substitute	Depth 517 meters for 320 meters	25°08'N 135°41'E	
Add	Depth 733 meters	25°31'N 135°27'E	
(NTM0011/2009)			
<b>510</b> (INT 510)	3Ed. 5/25/96	LAST NM 29/09	37/09
Add	Wreck [K29]	14°55'N 147°48'E	
(NTM0028/2009)			
<b>510</b> (INT 510)	3Ed. 5/25/96	LAST NM 37/09	38/09
Delete	RC at light	34°20'N 136°54'E	
Substitute	Depth 11.7 meters "Shoal rep (2009)" for		
	14.6 meters	16°30'N 143°09'E	
(NTM0003/2009; 24(1037)09 Tokyo)			
<b>510</b> (INT 510)	3Ed. 5/25/96	LAST NM 38/09	47/09
Delete	RC at light	35°42'N 140°52'E	
	Depth 694 meters and enclosing		
	depth contour (1000-meter)	16°47'N 146°10'E	
(35(1509)09 Tokyo; Jpn LL; US CH 81004)			
<b>510</b> (INT 510)	3Ed. 5/25/96	LAST NM 47/09	12/12
Substitute	Depth 524 meters for 1400 meters	14°36'N 144°47'E	
(NTM0008/2012)			
<b>510</b> (INT 510)	3Ed. 5/25/96	LAST NM 12/12	41/13
Substitute	Depth 303 meters for 93 meters, blue tint and		
	enclosing depth contour (200-meter)	16°59'N 145°43'E	
(NTM0008/2013)			
<b>510</b> (INT 510)	3Ed. 5/25/96	LAST NM 41/13	49/14
Delete	Depth 428 meters "Rep"	15°00'N 144°17'E	
	Depth 235 meters and enclosing dotted-line		
	circle centered	14°14'N 141°43'E	
(NTM0012/2014)			
<b>510</b> (INT 510)	3Ed. 5/25/96	LAST NM 49/14	32/16
Substitute	Depth 2171 meters enclosed by depth contour		
	(3000-meter) for 3199 meters	38°58'N 148°10'E	
Add	Depth 2743 meters enclosed by depth contour		
	(3000-meter) centered	40°07'N 149°38'E	
(NTM0003/2016)			
<b>510</b> (INT 510)	3Ed. 5/25/96	LAST NM 32/16	41/16
Add	Chartlet, depicting changes in hydrography,		
	topography and aids to navigation, from		
	Subsection I-2	20°17'N 135°47'E	
(NTM0003/2016)			
<b>★511</b> (INT 511)	4Ed. 2/10/96	NEW EDITION	16/96
Delete	R Bn	42°43'N 130°57'E	
	Light symbol	51°44'N 143°20'E	
	Position circle	42°18'N 143°20'E	
Substitute	Position circle for light symbol	37°45'N 128°57'E	
		38°09'N 128°36'E	
	Note: R Bn remains		
	Position circle for light star	51°57'N 143°08'E	
	Note: R Bn remains		
Change	Legend to		
	"(administered by Russia)"	48°39'N 152°30'E	
(DMA; BA LL; BA RA)			
<b>511</b> (INT 511)	4Ed. 2/10/96	LAST NM 16/96	25/96
Delete	Depth		
	106 meters	46°18'N 150°17'E	
	882 meters	45°58'N 149°31'E	
Add	Light symbol	46°49.6'N 151°52.3'E	
	Danger circle "Vol Activity (1980)"	46°31.8'N 151°46.7'E	
	Depth		
	92 meters	46°17.3'N 150°16.2'E	
	541 meters	45°57.9'N 149°24.0'E	
(17(1439)96 Taunton)			
<b>511</b> (INT 511)	4Ed. 2/10/96	LAST NM 25/96	33/96
Add	Light flare symbol to R Bn	45°26'N 147°55'E	
(27(2251)96 Taunton)			
<b>511</b> (INT 511)	4Ed. 2/10/96	LAST NM 33/96	18/97
Add	R Bn	48°05'N 153°17'E	
	R Bn at light	43°02'N 131°57'E	
(BA RA)			
<b>511</b> (INT 511)	4Ed. 2/10/96	LAST NM 18/97	41/97
Delete	Danger circle "Vol"	46°05'N 151°31'E	
	Depth 81 meters	46°31'N 151°26'E	
(Rus CH 62274)			
<b>511</b> (INT 511)	4Ed. 2/10/96	LAST NM 41/97	21/99
Add	Racon at light	37°15'N 131°52'E	
(12(120)99 Inchon)			
<b>511</b> (INT 511)	4Ed. 2/10/96	LAST NM 21/99	25/99
Delete	Depth 5 meters R	44°46.7'N 140°20.3'E	
Add	Depth 9.2 meters	44°47.9'N 140°18.5'E	
(19(800)99 Tokyo)			
<b>511</b> (INT 511)	4Ed. 2/10/96	LAST NM 25/99	47/99
Add	Light symbol	42°19'N 130°40'E	
(48(7510)98 St. Petersburg)			
<b>511</b> (INT 511)	4Ed. 2/10/96	LAST NM 47/99	17/04
Delete	Depth 1230 meters	41°28'N 144°17'E	
(7(186)04 Tokyo)			
<b>511</b> (INT 511)	4Ed. 2/10/96	LAST NM 17/04	33/06
Add	Racon [S3.1] at light	37°28'N 130°53'E	
(29(420)06 Inchon)			
<b>511</b> (INT 511)	4Ed. 2/10/96	LAST NM 33/06	42/06
Delete	R Bn	38°57'N 139°49'E	
	Legend "R Bn" at light	38°17'N 141°35'E	
	Note: Ramark remains		
(36(1063, 1064)06 Tokyo)			
<b>511</b> (INT 511)	4Ed. 2/10/96	LAST NM 42/06	32/08
Delete	Ramark at light	42°57'N 144°52'E	
	Ramark at light	38°17'N 141°35'E	
	Ramark at light	36°59'N 141°00'E	
(25(867, 874, 875)08 Tokyo)			

<b>511</b> (INT 511)	4Ed. 2/10/96	LAST NM 32/08	23/09						
Delete	Light symbol	41°48'N	140°05'E						
	(8(301)09 Tokyo)								
<b>511</b> (INT 511)	4Ed. 2/10/96	LAST NM 23/09	24/09						
Delete	R Bn and Ramark at light	43°22'N	140°29'E						
	(47(1646)08 Tokyo)								
<b>511</b> (INT 511)	4Ed. 2/10/96	LAST NM 24/09	18/10						
Delete	R Bn at light	37°54'N	128°50'E						
	(ROK CH 165)								
<b>511</b> (INT 511)	4Ed. 2/10/96	LAST NM 18/10	32/16						
Substitute	Depth 2171 meters enclosed by depth contour	38°58'N	148°10'E						
	(3000-meter) for 3199 meters								
Add	Depth 2743 meters enclosed by depth contour	40°07'N	149°38'E						
	(3000-meter) centered								
	(NTM0003/2016)								
<b>★511</b> (INT 511)	4Ed. 2/10/96	LAST NM 32/16	13/19						
Add	Depth 860 meters "Rep (2000)" enclosed by dotted-line circle [I3.2] centered	40°09'N	134°42'E						
	(NTM0002/2019)								
<b>★512</b> (INT 512)	2Ed. 5/18/96	NEW EDITION	31/96						
	(DMA)								
<b>512</b> (INT 512)	2Ed. 5/18/96	LAST NM 31/96	32/96						
Add	Depth 12 meters "Rep (1986)"	55°31.3'N	145°49.5'E						
	Submarine cable joining	59°34.0'N	151°16.0'E						
		59°07.5'N	151°03.0'E						
		58°49.5'N	151°01.0'E						
		58°46.3'N	151°06.0'E						
		57°18.0'N	156°24.5'E						
		57°08.3'N	156°47.5'E						
	(24(1995)96 Taunton)								
<b>512</b> (INT 512)	2Ed. 5/18/96	LAST NM 32/96	21/97						
Substitute	Light with RC symbol for radiobeacon	59°10'N	146°03'E						
		55°12'N	137°38'E						
		53°58'N	140°18'E						
	(10(906)97 Taunton)								
<b>512</b> (INT 512)	2Ed. 5/18/96	LAST NM 21/97	22/97						
Delete	RC	53°18'N	141°30'E						
Add	Light symbol with RC	53°18'N	141°25'E						
	(46(7341)91 St. Petersburg; BA LL)								
<b>512</b> (INT 512)	2Ed. 5/18/96	LAST NM 22/97	52/99						
Delete	R Bn	55°12'N	137°38'E						
	(14(1962)98 St. Petersburg)								
<b>512</b> (INT 512)	2Ed. 5/18/96	LAST NM 52/99	11/04						
Delete	RC	57°10'N	156°34'E						
	(25(3965)03 St. Petersburg)								
<b>512</b> (INT 512)	2Ed. 5/18/96	LAST NM 11/04	20/04						
Delete	RC at light	54°44'N	162°07'E						
	(36(5870)03 St. Petersburg)								
<b>512</b> (INT 512)	2Ed. 5/18/96	LAST NM 20/04	35/07						
Delete	RC at light	57°45'N	163°18'E						
	(NTM0011/2007)								
<b>512</b> (INT 512)	2Ed. 5/18/96	LAST NM 35/07	34/11						
Delete	Depth 283 meters	57°32'N	163°29'E						
	Depth 215 meters	57°15'N	163°30'E						
Add	Depth 130 meters enclosed by depth contour	57°31'N	163°26'E						
	(200-meter) centered								
	Depth 136 meters enclosed by depth contour	57°16'N	163°27'E						
	(200-meter) centered								
	(36(3846)02 Taunton)								
<b>★513</b> (INT 813)	10Ed. 11/18	NEW EDITION	49/18						
	(NOS)								
<b>★514</b> (INT 814)	9Ed. 11/18	NEW EDITION	49/18						
	(NOS)								
<b>★520</b>	127Ed. 8/22/81	NEW EDITION	41/81						
	(DMAHTC)								
<b>520</b>	127Ed. 8/22/81	LAST NM 41/81	5/83						
Delete	Depth 8¾ fathoms "Rep (1975)"	16°30.6'N	116°50.0'W						
	(NV56842/83)								
<b>520</b>	127Ed. 8/22/81	LAST NM 5/83	43/83						
Add	Depths								
	320 fathoms	30°27'N	122°45'W						
	692 fathoms	30°37'N	123°14'W						
	(NV56883/83)								
<b>520</b>	127Ed. 8/22/81	LAST NM 43/83	12/84						
Add	Depth 92 fathoms	54°39'N	150°26'W						
	(NV57208/84)								
<b>★520</b>	127Ed. 8/22/81	LAST NM 12/84	26/84						
Add	Depths								
	121 fathoms "Rep (1976)" (PA)	52°09'N	131°34'W						
	94 fathoms "Rep (1976)" (PA)	57°44'N	149°58'W						
	(NV57272/84)								
<b>520</b>	127Ed. 8/22/81	LAST NM 26/84	52/84						
Add	Superbuoys, each ODAS, yellow, Fl(4) Y 20s								
	"51002"	17°11.4'N	157°49.8'W						
	"51003"	19°11.0'N	160°49.2'W						
	"51004"	17°31.9'N	152°37.1'W						
	(39, 46, 47/84 CG14)								
<b>520</b>	127Ed. 8/22/81	LAST NM 52/84	19/85						
Add	Depth 120 fathoms "Rep (1984)"	9°29'N	160°58'W						
	(NV57391/85)								
<b>520</b>	127Ed. 8/22/81	LAST NM 19/85	40/85						
Add	Purple dashed line (recommended route) joining	35°00.0'N	123°00.0'W						
		59°15.0'N	144°03.0'W						
		59°58.3'N	145°30.6'W						
		60°13.0'N	146°39.8'W						
	joining	60°12.2'N	146°41.0'W						
		59°56.0'N	145°40.0'W						
		59°15.0'N	144°25.0'W						
		35°00.0'N	123°23.0'W						
	between	37°57.3'N	123°03.2'W						
		39°53.0'N	126°31.5'W						
	between	40°06.0'N	127°05.0'W						
		37°54.6'N	123°05.3'W						
	joining	48°31.6'N	124°59.0'W						
		48°50.0'N	129°10.0'W						
		59°15.0'N	144°03.5'W						
	joining	59°15.0'N	144°25.0'W						
		48°30.0'N	130°00.0'W						
		48°28.0'N	124°59.0'W						

(continued on next page)



520	(Continued)		40/85				
		Purple open-outlined dashed arrows indicating flow of traffic oriented					
		330.1°	38°00.0'N	125°00.0'W			
		330.1°	50°00.0'N	134°30.0'W			
		150.1°	49°30.0'N	135°00.0'W			
		150.1°	37°00.0'N	125°00.0'W			
		276.3°	48°55.0'N	127°40.0'W			
		090.6°	48°15.0'N	127°10.0'W			
		320.2°	53°30.0'N	135°00.0'W			
		141.9°	52°20.0'N	135°00.0'W			
		305.0°	39°20.0'N	125°00.0'W			
		125.2°	38°45.0'N	125°00.0'W			
		Note					
		“NOTE A					
		US Trans-Alaskan Pipeline System (TAPS) routes are recommended for routing of tank vessels between the Port of Valdez, AK and US west coast ports. These are not IMO adopted recommended routes.”	54°20.0'N	120°00.0'W			
		Legends “See Note A”	45°00.0'N	130°40.0'W			
			52°40.2'N	135°00.0'W			
		(HNNM7457/85)					
520	127Ed. 8/22/81	LAST NM 40/85		45/87			
	Add	Superbuoy ODAS “46184”, yellow, Fl(5) Y 20s	53°55.2'N	138°51.3'W			
		(38/87 CG17)					
520	127Ed. 8/22/81	LAST NM 45/87		46/87			
	Add	Depth 12 fathoms	57°35.8'N	136°20.8'W			
		(MCNM7983/87)					
520	127Ed. 8/22/81	LAST NM 46/87		47/87			
	Add	Superbuoy ODAS “46036”, yellow, Fl(5) Y 20s	48°18.8'N	133°50.5'W			
		(39/87 CG13)					
520	127Ed. 8/22/81	LAST NM 47/87		50/87			
	Delete	Purple dashed lines (recommended route) joining	60°12.2'N	146°41.0'W			
			59°56.0'N	145°40.0'W			
			59°15.0'N	144°25.0'W			
		joining	60°13.0'N	146°39.8'W			
			59°58.3'N	145°30.6'W			
			59°15.0'N	144°03.0'W			
		(MCNM8024/87)					
520	127Ed. 8/22/81	LAST NM 50/87		11/88			
	Add	Depth 255 fathoms	21°54'N	159°56'W			
		(MCNM8066/88)					
520	127Ed. 8/22/81	LAST NM 11/88		32/88			
	Delete	R Bn	48°55'N	125°32'W			
		(21(399)88 Ottawa)					
520	127Ed. 8/22/81	LAST NM 32/88		27/89			
	Delete	Purple dashed lines (recommended route) and directional arrows between	59°15'N	144°25'W			
			35°00'N	123°20'W			
		joining	59°15'N	144°25'W			
			48°45'N	129°40'W			
			48°30'N	124°58'W			
		between	40°00'N	126°45'W			
			38°00'N	123°00'W			
		Legends “See Note A”	45°00'N	130°40'W			
			52°40'N	135°00'W			
		Note A	54°20'N	120°00'W			
		(MCNM1068/89)					
520	127Ed. 8/22/81	LAST NM 27/89		32/89			
	Substitute	Depth 8 fathoms for 15 fathoms	53°19'N	135°40'W			
		(MCNM1082/89)					
520	127Ed. 8/22/81	LAST NM 32/89		36/89			
	Add	Depth 243 fathoms			29°03'N	116°09'W	
		(MCNM1093/89)					
520	127Ed. 8/22/81	LAST NM 36/89		7/90			
	Add	Superbuoys, each ODAS, Y, Fl(5) Y			51°22'N	128°45'W	
		“46204”			52°30'N	132°42'W	
		“46208”			50°56'N	135°49'W	
		“46004”					
		(38(817, 819)89 Ottawa)					
520	127Ed. 8/22/81	LAST NM 7/90		8/90			
	Add	Superbuoy ODAS “46207” Y, Fl(5) Y	50°52'N	129°55'W			
		(39(837)89 Ottawa)					
520	127Ed. 8/22/81	LAST NM 8/90		11/91			
	Add	Submarine cable joining	59°50'N	149°28'W			
			59°28'N	149°12'W			
			59°00'N	148°47'W			
			58°55'N	148°38'W			
			58°53'N	148°33'W			
			58°52'N	148°31'W			
			58°41'N	148°11'W			
			58°39'N	148°05'W			
		(7/91 CG17)					
520	127Ed. 8/22/81	LAST NM 11/91		22/91			
	Relocate	Superbuoy ODAS “51004”			17°32.3'N	152°28.7'W	
		(17°31.9'N 152°37.1'W) to					
		(10/91 CG14)					
520	127Ed. 8/22/81	LAST NM 22/91		28/91			
	Add	Superbuoys, each ODAS Y, Fl(5) Y 20s			54°10.0'N	134°20.0'W	
		“46205”			52°25.2'N	129°48.0'W	
		“46185”					
		(MCNM1098/91)					
520	127Ed. 8/22/81	LAST NM 28/91		34/91			
	Relocate	Superbuoy ODAS “51004”			17°26.1'N	152°20.4'W	
		(17°32.3'N 152°28.7'W) to					
		(See 22/91-520)					
		(30/91 CG14)					
520	127Ed. 8/22/81	LAST NM 34/91		36/91			
	Relocate	Superbuoy ODAS “51003”			19°15.5'N	160°47.3'W	
		(19°11.0'N 160°49.2'W) to					
		(MCNM1098/91)					
520	127Ed. 8/22/81	LAST NM 36/91		13/92			
	Relocate	Superbuoy ODAS “51004”			17°26.1'N	152°30.4'W	
		(17°26.1'N 152°20.4'W) to					
		(See 34/91-520)					
		(10/92 CG14)					
520	127Ed. 8/22/81	LAST NM 13/92		52/92			
	Add	Superbuoy ODAS “46006” Y, Fl(4) Y 20s			40°52'N	137°33'W	
		(MCC1159/92)					
520	127Ed. 8/22/81	LAST NM 52/92		15/93			
	Delete	R Bn	48°23.5'N	124°44.2'W			
		(10/93 CG13)					
520	127Ed. 8/22/81	LAST NM 15/93		19/93			
	Delete	R Bn at light	51°54'N	131°00'W			
		(13(239)93 Ottawa)					
520	127Ed. 8/22/81	LAST NM 19/93		26/93			
	Delete	R Bn at light	44°40.6'N	124°04.8'W			
		(19/93 CG13)					
520	127Ed. 8/22/81	LAST NM 26/93		33/93			
	Delete	R Bn	34°35'N	120°39'W			
	Relocate	Superbuoy ODAS “51003”			19°10'N	160°49'W	
		(19°16'N 160°47'W) to					
		(29/93 CG11; 28/93 CG14)					

520 127Ed. 8/22/81 LAST NM 33/93 34/93  
 Add Depth 9 fathoms "Rep (1986)" (PA) 27°23'N 114°44'W  
 (MCC1269/93)

520 127Ed. 8/22/81 LAST NM 34/93 16/94  
 Delete R Bn 36°18'N 121°54'W  
 (10/94 CG11)

520 127Ed. 8/22/81 LAST NM 16/94 18/94  
 Delete R Bn 37°42'N 123°00'W  
 (12/94 CG11)

520 127Ed. 8/22/81 LAST NM 18/94 28/94  
 Add Superbuoy ODAS "46132" Y, Fl(5) Y 20s 49°44'N 127°55'W  
 (10(363)94 Ottawa)

520 127Ed. 8/22/81 LAST NM 28/94 29/94  
 Delete R Bn 38°54'N 123°45'W  
 (23/94 CG11)

520 127Ed. 8/22/81 LAST NM 29/94 45/94  
 Delete R Bn 42°50'N 124°34'W  
 (38/94 CG13)

520 127Ed. 8/22/81 LAST NM 45/94 47/94  
 Delete R Bn 47°55'N 124°34'W  
 (USCG LL) 47°18'N 124°14'W

520 127Ed. 8/22/81 LAST NM 47/94 49/94  
 Add Superbuoy ODAS "46059" Y, 37°59'N 130°00'W  
 Fl(4) Y 20s (43/94 CG11)

520 127Ed. 8/22/81 LAST NM 49/94 26/95  
 Delete R Bn 32°40'N 117°15'W  
 (20/95 CG11)

520 127Ed. 8/22/81 LAST NM 26/95 27/95  
 Delete R Bn 37°11'N 122°20'W  
 (21/95 CG11)

520 127Ed. 8/22/81 LAST NM 27/95 32/95  
 Delete R Bn 56°04'N 134°10'W  
 (25/95 CG17) 58°12'N 136°40'W

520 127Ed. 8/22/81 LAST NM 32/95 34/95  
 Delete R Bn 35°10'N 120°45'W  
 (29/95 CG11)

520 127Ed. 8/22/81 LAST NM 34/95 47/96  
 Delete R Bn 31°48'N 116°50'W  
 (GIMM049/96)

520 127Ed. 8/22/81 LAST NM 47/96 25/97  
 Delete R Bn 50°26'N 128°02'W  
 (5(329)97 Ottawa)

520 127Ed. 8/22/81 LAST NM 25/97 51/97  
 Delete R Bn 54°15'N 133°03'W  
 (10(W521)97 Ottawa)

520 127Ed. 8/22/81 LAST NM 51/97 42/98  
 Delete R Bn 60°14'N 146°39'W  
 (37/98 CG17)

520 127Ed. 8/22/81 LAST NM 42/98 22/99  
 Delete Superbuoy ODAS "46004" 50°56'N 135°49'W  
 (GIMM021/99)

520 127Ed. 8/22/81 LAST NM 22/99 23/00  
 Substitute Depth 300 fathoms for 320 fathoms 30°27'N 122°45'W  
 (NTM0013/2000)

520 127Ed. 8/22/81 LAST NM 23/00 29/00  
 Add Depth 1990 fathoms "Rep (2000)" (PA) 20°34'N 159°23'W  
 (NTM0013/2000)

520 127Ed. 8/22/81 LAST NM 29/00 31/00  
 Add Depth 245 fathoms "Rep (2000)" 20°24'N 157°01'W  
 (NTM0013/2000)

520 127Ed. 8/22/81 LAST NM 31/00 5/02  
 Add Superbuoy ODAS [Q58] Y, Fl Y 4s 52°34'N 157°10'W  
 (32/01 CG13)

520 127Ed. 8/22/81 LAST NM 5/02 8/02  
 Delete R Bn 50°47'N 128°25'W  
 (Can LL)

520 127Ed. 8/22/81 LAST NM 8/02 20/02  
 Relocate Superbuoy ODAS "46059" from 38°02'N 129°56'W  
 37°59'N 130°00'W to (14/02 CG11)

520 127Ed. 8/22/81 LAST NM 20/02 38/02  
 Add Superbuoy ODAS [Q58] "46015" Y, 42°44'N 124°50'W  
 Fl(4) Y 20s (NTM0031/2002)

★520 127Ed. 8/22/81 LAST NM 38/02 34/03  
 Add Superbuoy ODAS [Q58] "46061" Y, 60°13'N 145°49'W  
 Fl(4) Y 20s Superbuoy ODAS [Q58] "46001" Y, 56°18'N 148°10'W  
 Fl(4) Y 20s Superbuoy ODAS [Q58] "46066" Y, 53°15'N 155°09'W  
 Fl(4) Y 20s Superbuoy ODAS [Q58] "46080" Y, 58°00'N 150°00'W  
 Fl(4) Y 20s Superbuoy ODAS [Q58] "46082" Y, 59°37'N 143°40'W  
 Fl(4) Y 20s Superbuoy ODAS [Q58] "46083" Y, 58°15'N 138°00'W  
 Fl(4) Y 20s Superbuoy ODAS [Q58] "46084" Y, 56°35'N 136°10'W  
 (26/03 CG17)

520 127Ed. 8/22/81 LAST NM 34/03 40/03  
 Add Superbuoy ODAS [Q58] "46012" Y, 37°22'N 122°53'W  
 Fl(4) Y 20s (35/03 CG11)

520 127Ed. 8/22/81 LAST NM 40/03 41/03  
 Delete Superbuoy ODAS "46061" 60°13'N 145°49'W  
 (See 34/03-520)

Add Superbuoy ODAS [Q58] "46061" Y, 60°13'N 146°49'W  
 Fl(4) Y 20s (NTM0022/2003)

520 127Ed. 8/22/81 LAST NM 41/03 4/04  
 Relocate Superbuoy ODAS "46059" from 38°00'N 129°57'W  
 38°02'N 129°56'W to (46/03 CG11)

520 127Ed. 8/22/81 LAST NM 4/04 11/04  
 Add Superbuoy ODAS [Q58] "46069" Y, 33°39'N 120°12'W  
 Fl(4) Y 20s (52/03 CG11)

520 127Ed. 8/22/81 LAST NM 11/04 26/04  
 Relocate Superbuoy ODAS "51002" from 17°09'N 157°47'W  
 17°11'N 157°47'W to

Add Superbuoy ODAS [Q58] "PICO" Y, Fl Y 4s 20°30'N 158°02'W  
 (Priv) (21/04 CG14; NTM0002/2004)

520 127Ed. 8/22/81 LAST NM 26/04 27/04  
 Add Superbuoy ODAS [Q58] "46022" Y, 40°43'N 124°31'W  
 Fl(4) Y 20s (11/04 CG11)

520	127Ed. 8/22/81	LAST NM 27/04	35/04		Superbuoy ODAS [Q58] "46412" Y, Fl(4) Y 20s	42°35'N 130°22'W	(12/07 CG11)	32°15'N 120°42'W
520	127Ed. 8/22/81	LAST NM 35/04	44/04		Relocate Superbuoy ODAS "46066" from 53°15'N 155°09'W to	52°42'N 155°01'W	(26/07 CG11)	38°14'N 123°19'W
520	127Ed. 8/22/81	LAST NM 44/04	8/05		Add Superbuoy ODAS [Q58] "46089" Y, Fl(4) Y 20s	45°53'N 125°46'W	(9/07 CG11)	34°14'N 119°51'W
520	127Ed. 8/22/81	LAST NM 8/05	26/05		Add Depth 2170 fathoms "Rep (2004)" (NTM0025/2005)	19°01'N 134°33'W	(33/07 CG11)	40°53'N 137°27'W
520	127Ed. 8/22/81	LAST NM 26/05	33/05		Substitute Depth 250 fathoms for 340 fathoms (NTM0013/2005)	21°44'N 158°38'W	(NOS)	53°18'N 135°39'W
520	127Ed. 8/22/81	LAST NM 33/05	2/06		Add Superbuoy ODAS [Q58] "46050" Y, Fl(4) Y 20s Superbuoy ODAS [Q58] "46005" Y, Fl(4) Y 20s	44°37'N 124°32'W 46°03'N 131°01'W	(NOS)	8°10'N 160°06'W
520	127Ed. 8/22/81	LAST NM 2/06	10/06		Add Danger circle [K1] "Subm buoys (cov 10 3/4 fms)" (NTM0010/2006)	50°00'N 145°00'W		
520	127Ed. 8/22/81	LAST NM 10/06	18/06		Substitute Depth 34 fathoms for 43 fathoms Depth 104 fathoms for 105 fathoms	32°39'N 117°58'W 33°00'N 119°33'W		23°03'N 161°55'W 24°02'N 161°41'W 22°05'N 162°00'W
					Add Depth 49 fathoms (NTM0023/2006)	32°05'N 118°10'W		23°15'N 161°30'W
520	127Ed. 8/22/81	LAST NM 18/06	30/06		Add Depth 288 fathoms "Rep (2005)" (NTM0019/2005)	31°22'N 118°37'W		
520	127Ed. 8/22/81	LAST NM 30/06	31/06		Relocate Superbuoy ODAS "46006" from 40°52'N 137°33'W to Superbuoy ODAS "46022" from 40°43'N 124°31'W to	40°48'N 137°29'W 40°47'N 124°33'W		
520	127Ed. 8/22/81	LAST NM 31/06	47/06		Relocate Superbuoy ODAS "46005" from 46°03'N 131°01'W to	46°01'N 130°58'W		
520	127Ed. 8/22/81	LAST NM 47/06	52/06		Add Superbuoy ODAS [Q58] "46014" Y, Fl(4) Y 20s	39°12'N 123°58'W		
520	127Ed. 8/22/81	LAST NM 52/06	4/07		Delete Depth 212 fathoms and enclosing depth contour (1000-fathom)	25°37'N 119°28'W		
					Add Depth 213 fathoms Depth 393 fathoms (NTM0042/2006)	25°20'N 119°31'W 25°42'N 119°38'W		
520	127Ed. 8/22/81	LAST NM 4/07	8/07		Add Superbuoy ODAS [Q58] "46419" Y, Fl(4) Y 20s	48°29'N 129°22'W		
520	127Ed. 8/22/81	LAST NM 8/07	19/07		Add Superbuoy ODAS [Q58] "46411" Y, Fl(4) Y 20s	39°20'N 127°00'W		
520	127Ed. 8/22/81	LAST NM 19/07	34/07		Add Superbuoy ODAS [Q58] "46013" Y, Fl(4) Y 20s		(12/07 CG11)	
520	127Ed. 8/22/81	LAST NM 34/07	36/07		Add Superbuoy ODAS [Q58] "46053" Y, Fl(4) Y 20s		(9/07 CG11)	
520	127Ed. 8/22/81	LAST NM 36/07	46/07		Relocate Superbuoy ODAS "46006" from 40°48'N 137°29'W to		(33/07 CG11)	
520	127Ed. 8/22/81	LAST NM 46/07	3/08		Substitute Depth 13 fathoms for 8 fathoms (NOS)			
520	127Ed. 8/22/81	LAST NM 3/08	7/08		Add Depth 359 fathoms "Rep (2007)"	1°17'N 159°57'W		
					Danger circle [K40] "Shoal rep (2007)", radius 14 miles, centered	8°10'N 160°06'W		
					(NTM0003/2008)			
P 520	127Ed. 8/22/81	LAST NM 7/08	10/08		Add Purple dashed line (PSSA limit) [N1.2] between	24°07'N 162°00'W 24°02'N 161°41'W		
					Purple dashed-line greater arc of a circle (PSSA limit) [N1.2], radius 60 miles, centered arc joining	23°03'N 161°55'W 24°02'N 161°41'W 22°05'N 162°00'W		
					Legend "PSSA SEE CAUTION"	23°15'N 161°30'W		
					CAUTION note in lower margin of chart "CAUTION Particularly Sensitive Sea Area (PSSA) All vessels solely in transit should avoid the limits of the Papahānaumokuākea PSSA. All ships 300 gross tonnage or greater and all ships in the event of a developing emergency in transit through the reporting area are required to participate in CORAL SHIPREP. Reports should be made to U.S. Coast Guard CAMSPAC via INMARSAT-C. See Chapter 2, U.S. Coast Pilot 7, (MSC IMO, 83rd Session, 2007)." Note: The above changes and additions to Areas to be Avoided have been adopted by IMO and are effective 0001 UTC 1 May 2008			
					(NTM0001/2008)			
520	127Ed. 8/22/81	LAST NM 10/08	13/08		Delete Buoy "PICO"	20°30'N 158°02'W		
					(10/08 CG14)			
520	127Ed. 8/22/81	LAST NM 10/08	17/08		Add Purple dashed line (PSSA limit) [N1.2] between	24°07'N 162°00'W 24°02'N 161°41'W		
					Purple dashed-line greater arc of a circle (PSSA limit) [N1.2], radius 60 miles, centered arc joining	23°03'N 161°55'W 24°02'N 161°41'W 22°05'N 162°00'W		
					Legend "PSSA SEE CAUTION"	23°15'N 161°30'W		

(continued on next page)

520	(Continued)		17/08	Add	Superbuoy ODAS [Q58] "46419" RW, FI(4) Y 20s	48°48'N 129°36'W	
		CAUTION note in lower margin of chart "CAUTION"		(NOS)			
		Particularly Sensitive Sea Area (PSSA)		520	127Ed. 8/22/81 LAST NM 23/09		26/09
		All vessels solely in transit should avoid the limits of the Papahānaumokuākea PSSA. All ships 300 gross tonnage or greater and all ships in the event of a developing emergency in transit through the reporting area are required to participate in CORAL SHIPREP. Reports should be made to U.S. Coast Guard CAMSPAC via INMARSAT-C. See Chapter 2, U.S. Coast Pilot 7, (MSC IMO, 83rd Session, 2007)."		Add	Depth 450 fathoms enclosed by dashed-line circle "Rep (2009)"	54°24'N 134°24'W	
		Note: The above Areas to be Avoided have been adopted by IMO (Supersedes 10/08P-520)		(NTM0005/2009)			
		(NTM0001/2008)		520	127Ed. 8/22/81 LAST NM 26/09		27/09
520	127Ed. 8/22/81 LAST NM 17/08		33/08	Add	Wreck [K29]	23°03'N 160°27'W	
	Add	Buoy ODAS [Q58] "NOAA PMEL DART", conical, FI Y 4s (Priv)	20°32'N 157°50'W		Wreck [K29]	23°05'N 160°20'W	
	(11/08 CG14)				Wreck [K29]	23°01'N 159°53'W	
				(NTM0028/2009)			
520	127Ed. 8/22/81 LAST NM 33/08		34/08	520	127Ed. 8/22/81 LAST NM 27/09		28/09
	Add	Depth 73 fathoms	10°33'N 109°35'W	Add	Depth 1920 fathoms	20°04'N 157°00'W	
	(NTM0004/2007)			(NTM0032/2009)			
520	127Ed. 8/22/81 LAST NM 34/08		43/08	520	127Ed. 8/22/81 LAST NM 28/09		32/09
	Add	Superbuoy DART [Q26] "46403" RW, FI(4) Y 20s (Priv) (PA)	52°39'N 156°56'W	Relocate	Superbuoy ODAS "46066" from 52°42'N 155°01'W to	52°44'N 154°58'W	
	(NOS)			(27/09 CG17)			
520	127Ed. 8/22/81 LAST NM 43/08		6/09	520	127Ed. 8/22/81 LAST NM 32/09		34/09
	Add	Depth 1501 fathoms	19°02'N 157°47'W	Add	Wreck [K29]	23°38'N 160°47'W	
	(NTM0003/2009)			(NTM0028/2009)			
520	127Ed. 8/22/81 LAST NM 6/09		13/09	520	127Ed. 8/22/81 LAST NM 34/09		35/09
	Add	Dashed-line circle "Discol. water rep (1953) (PA) (CAUTION NO 1)" [Ke]	28°00'N 115°00'W	Add	Wreck [K29]	22°55'N 160°01'W	
		Legend "CAUTION NO 2"	18°48'N 111°05'W		Wreck [K29]	22°59'N 160°10'W	
		Dashed-line circle "Discol. water rep (2009) (PA) (CAUTION NO 4)" [Ke]	18°59'N 110°48'W	(NTM0028/2009)			
		CAUTION note in lower margin of chart "CAUTIONS"		520	127Ed. 8/22/81 LAST NM 35/09		36/09
		1. Possible evidence of a submarine volcano reported in Bahia Sebastian Vizcaino in 1953 and again in 1956. Mariners should exercise caution in this area.		Add	Superbuoy ODAS [Q58] "46410" Y, FI(4) Y 20s	57°38'N 143°48'W	
		2. A submarine volcano was reported to have formed about 2 miles NW of Punta Tosca in 1993. Depths of 43 fathoms were reported. Mariners should exercise caution in this area.		(29/09 CG17)			
		3. Particularly Sensitive Sea Area (PSSA). All vessels solely in transit should avoid the limits of the Papahānaumokuākea PSSA. All ships 300 gross tonnage or greater and all ships in the event of a developing emergency in transit through the reporting area are required to participate in CORAL SHIPREP. Reports should be made to U.S. Coast Guard CAMSPAC via INMARSAT-C. See Chapter 2, U.S. Coast Pilot 7, (MSC IMO, 83rd Session, 2007).		520	127Ed. 8/22/81 LAST NM 36/09		37/09
		4. Drifting pumice rafts, possible indicators of submarine volcanic activity, observed northeast of Isla Socorro. Mariners should exercise caution in this area."		Add	Superbuoy ODAS [Q58] "46078" Y, FI(4) Y 20s	56°04'N 152°39'W	
		(See 17/08-520)		(33/09 CG17)			
		(NTM0033/2001; NTM0015/2009)		520	127Ed. 8/22/81 LAST NM 37/09		39/09
520	127Ed. 8/22/81 LAST NM 13/09		22/09	Add	Wreck [K29]	23°00'N 159°53'W	
	Add	Superbuoy ODAS [Q58] "51000" Y, FI(4) Y 20s	23°28'N 154°00'W	(NTM0028/2009)			
		Superbuoy ODAS [Q58] "51100" Y, FI(4) Y 20s	23°33'N 153°54'W	520	127Ed. 8/22/81 LAST NM 39/09		40/09
	(18/09 CG14)			Add	Wreck [K29]	23°02'N 160°03'W	
					Wreck [K29]	23°08'N 160°11'W	
				(NTM0028/2009)			
520	127Ed. 8/22/81 LAST NM 22/09		23/09	520	127Ed. 8/22/81 LAST NM 40/09		3/10
Delete	Superbuoy ODAS "46419"		48°29'N 129°22'W	Add	Superbuoy ODAS [Q58] "46041" Y, FI(4) Y 20s (PA)	47°21'N 124°44'W	
				(50/09 CG13)			
				520	127Ed. 8/22/81 LAST NM 3/10		4/10
				Add	Superbuoy ODAS [Q58] "46086" Y, FI(4) Y 20s (PA)	32°30'N 118°02'W	
					Superbuoy ODAS [Q58] "46047" Y, FI(4) Y 20s (PA)	32°25'N 119°32'W	
				(36/09 CG11)			
				520	127Ed. 8/22/81 LAST NM 4/10		5/10
				Delete	Superbuoy ODAS "46419"	48°48'N 129°36'W	
				(See 23/09-520)			
				Add	Superbuoy DART [Q58] "46419" Y, FI(4) Y 20s (PA)	48°46'N 129°37'W	
				(50/09 CG13)			
				520	127Ed. 8/22/81 LAST NM 5/10		11/10
				Delete	Superbuoy ODAS "46412"	32°15'N 120°42'W	
				Add	Superbuoy DART [Q58] "46412" Y, FI(4) Y 20s	32°27'N 120°34'W	
				(49/09 CG11)			

520	127Ed. 8/22/81	LAST NM 11/10	12/10		Note			
	Relocate	Superbuoy ODAS "46059" from 38°00'N 129°57'W to	37°59'N 130°00'W		"AREA TO BE AVOIDED			
	Add	Superbuoy ODAS [Q58] "46028" Y, Fl(4) Y 20s	35°44'N 121°53'W		Area to be avoided by all ships (solely in transit) of 400 gross tons or more to reduce the risk of a marine casualty, resulting pollution and damage to the environment. See Charts 16011, 16012, 16013."	52°50'N 120°00'W		
		Superbuoy ODAS [Q58] "46054" Y, Fl(4) Y 20s	34°16'N 120°28'W		Note: The above Area to be Avoided has been adopted by IMO and will become effective at 0001 GMT on 01 January 2016			
		(7/10 CG11)			(NTM0027/2015)			
520	127Ed. 8/22/81	LAST NM 12/10	22/10		520	127Ed. 8/22/81	LAST NM 44/15	52/15
	Relocate	Superbuoy ODAS "51002" from 17°09'N 157°47'W to	17°06'N 157°47'W		Add	Legend "AREA TO BE AVOIDED (See Note)"		54°25'N 158°05'W
		Superbuoy ODAS "51004" from 17°26'N 152°30'W to	17°32'N 152°23'W					
		(18/10 CG14)						
520	127Ed. 8/22/81	LAST NM 22/10	24/10		Note			
	Add	Superbuoy DART [Q58] "46409" Y, Fl(4) Y 20s (Priv)	55°18'N 148°30'W		"AREA TO BE AVOIDED			
		(20/10 CG17)			Area to be avoided by all ships (solely in transit) of 400 gross tons or more to reduce the risk of a marine casualty, resulting pollution and damage to the environment. See Charts 16011, 16012, 16013."	52°50'N 120°00'W		
520	127Ed. 8/22/81	LAST NM 24/10	26/10		Note: The above Area to be Avoided has been adopted by IMO			
	Add	Superbuoy DART [Q58] "46404" Y, Fl Y 4s	45°51'N 128°46'W		(Supersedes 44/15P-520)			
		Superbuoy DART [Q58] "46407" Y, Fl Y 4s	42°36'N 128°54'W		(NTM0027/2015)			
		(20/10 CG13)						
520	127Ed. 8/22/81	LAST NM 26/10	40/10		520	127Ed. 8/22/81	LAST NM 52/15	6/17
	Relocate	Superbuoy ODAS "46006" from 40°53'N 137°27'W to	40°45'N 137°28'W		Change	Note to		
		(35/10 CG11)				"NOTE		
						Ocean Data Acquisition System (ODAS) buoys and Deep-ocean Assessment and Reporting of Tsunami (DART) buoys will no longer be maintained on this chart unless located in areas where larger scale chart coverage is		
520	127Ed. 8/22/81	LAST NM 40/10	28/11			unavailable."	47°30'N 117°30'W	
	Delete	Danger circle and legend "Shoal rep (2007)" centered	8°10'N 160°06'W		(NTM0008/2014)			
		(NTM0020/2011)						
520	127Ed. 8/22/81	LAST NM 28/11	38/11		★520	127Ed. 8/22/81	LAST NM 6/17	50/17
	Add	Depth 411 fathoms	31°13'N 118°03'W		Relocate	Buoy "46001" from 56°18'N 148°10'W to		56°14'N 147°57'W
		(UKHO CH 1029)				(35/17 CG17)		
520	127Ed. 8/22/81	LAST NM 38/11	48/11		★520	127Ed. 8/22/81	LAST NM 50/17	4/18
	Add	Superbuoy ODAS [Q58] "46114" Y, Fl(5) Y 20s (PA)	36°43'N 122°21'W		Add	Depth 1560 fathoms "Rep (2017)" enclosed by dotted-line circle [I3.2] centered		35°01'N 137°49'W
		(43/11 CG11)				(NTM0001/2018)		
520	127Ed. 8/22/81	LAST NM 48/11	27/12		★520	127Ed. 8/22/81	LAST NM 4/18	24/18
	Relocate	Superbuoy ODAS "46022" from 40°46'N 124°35'W to	40°43'N 124°35'W		Delete	Depth 359 fathoms "Rep (2007)"		1°17'N 159°57'W
		(24/12 CG11)			Add	Depth 416 fathoms enclosed by depth contour (1000-fathom) centered		13°57'N 120°33'W
						Depth 114 fathoms enclosed by depth contour (1000-fathom) centered		18°26'N 119°31'W
520	127Ed. 8/22/81	LAST NM 27/12	42/12			Depth 576 fathoms enclosed by depth contour (1000-fathom) centered		1°18'N 159°57'W
	Add	Buoy ODAS [Q58] Y, Fl Y 4s	49°55'N 145°15'W		(NTM0001/2018)			
		(NTM0018/2012)						
520	127Ed. 8/22/81	LAST NM 42/12	44/12		★520	127Ed. 8/22/81	LAST NM 24/18	50/18
	Add	Depth 1650 fathoms	36°06'N 139°03'W		Delete	Buoy ODAS "NOAA PMEL DART"		20°32'N 157°50'W
		(NTM0011/2012)				(42/18 CG14)		
520	127Ed. 8/22/81	LAST NM 44/12	45/13		★520	127Ed. 8/22/81	LAST NM 50/18	9/19
	Add	Buoy (DART) Fl Y 4s (Priv)	44°39'N 124°59'W		Relocate	Superbuoy ODAS "51000" from 23°28'N 154°00'W to		23°32'N 153°47'W
		Buoy (DART) Fl Y 4s (Priv)	44°48'N 125°59'W			Superbuoy ODAS "51004" from 17°32'N 152°23'W to		17°36'N 152°22'W
		(37/13 CG13)				(6/19 CG14)		
520	127Ed. 8/22/81	LAST NM 45/13	30/14		★520	127Ed. 8/22/81	LAST NM 9/19	11/19
	Add	Note			Delete	Superbuoy ODAS "51100"		23°33'N 153°54'W
		"NOTE				(7/19 CG14)		
		Ocean Data Acquisition System (ODAS) buoys will no longer be maintained on this chart unless located in areas where larger scale chart coverage is unavailable."	47°30'N 117°30'W					
		(NTM0008/2014)						
P 520	127Ed. 8/22/81	LAST NM 30/14	44/15		★521	11Ed. 7/18/81	NEW EDITION	37/81
	Add	Legend "AREA TO BE AVOIDED (See Note)"	54°25'N 158°05'W		Add	Dashed-line circle "Volcanic activity rep (1978)"		46°06'N 151°30'E
						(Previously published 33/81)		

(continued on next page)

521 (Continued)		37/81			
Add	Depths				
	6 fathoms "Rep (1978)"	35°35'N	171°17'E		
	7 fathoms "Rep (1978)"	7°07'N	172°45'E		
	(Previously published 34/81)				
	(DMAHTC)				
521	11Ed. 7/18/81 LAST NM 37/81			47/81	
Delete	Depth 768 fathoms	40°45'N	170°13'E		
	(NVS6528/81)				
521	11Ed. 7/18/81 LAST NM 47/81			8/82	
Delete	Depth 100 fathoms "Rep (1979)" (PA)	19°20'N	173°28'E		
	(NVS4095/79)				
521	11Ed. 7/18/81 LAST NM 8/82			37/82	
Add	Depth 4¾ fathoms "Rep(1982)" (PA)	59°50'N	166°54'W		
	(CL871/82)				
521	11Ed. 7/18/81 LAST NM 37/82			46/82	
Add	Depth 294 fathoms	36°46.0'N	171°22.0'E		
	Legend "ED" to depth 216 fathoms	33°30.0'N	165°20.0'E		
	(NVS6798/82)				
521	11Ed. 7/18/81 LAST NM 46/82			1/83	
Delete	Depth 145 fathoms "PA (rep 1965)"	31°06'N	175°55'E		
Add	Legend "Rep (1965)" to 130-fathom depth	30°58'N	175°55'E		
	(NVS6825/82)				
521	11Ed. 7/18/81 LAST NM 1/83			6/83	
Add	Depth 7 fathoms "Rep (1964)"	55°35'N	165°01'E		
	(USSR CH 1087)				
521	11Ed. 7/18/81 LAST NM 6/83			25/83	
Delete	Depths				
	45 fathoms	58°09'N	171°05'E		
	47 fathoms	58°34'N	171°09'E		
	50 fathoms	58°56'N	171°15'E		
	47 fathoms	59°23'N	171°27'E		
	41 fathoms	59°39'N	171°38'E		
	(NVS6951/83)				
521	11Ed. 7/18/81 LAST NM 25/83			37/83	
Delete	Depth 100 fathoms	54°42'N	162°40'E		
	(NVS7020/83)				
521	11Ed. 7/18/81 LAST NM 37/83			24/84	
Delete	Depth 12 fathoms	23°13'N	162°18'E		
	Danger circles and legends				
	"Reef (PA-rep 1952)"	22°56'N	162°21'E		
	"Reef (PA-rep 1952) Uncov"	22°47'N	162°29'E		
	(NVS7268/84)				
521	11Ed. 7/18/81 LAST NM 24/84			5/85	
Add	Dashed-line circle "Discol water"	20°25'N	152°12'E		
	(Jpn 1004B)				
521	11Ed. 7/18/81 LAST NM 5/85			16/85	
Add	Depths				
	84 fathoms	28°19.6'N	178°24.2'W		
	141 fathoms	29°48.1'N	179°04.8'E		
	(NVS7424/85)				
521	11Ed. 7/18/81 LAST NM 16/85			19/85	
Add	Depth 120 fathoms "Rep (1984)"	9°29'N	160°58'W		
	(NVS7391/85)				
521	11Ed. 7/18/81 LAST NM 19/85			29/85	
Add	Depth 42 fathoms	48°18'N	154°30'E		
	(HNNM7495/85)				
521	11Ed. 7/18/81 LAST NM 29/85			10/87	
Add	Legend "Rep" to dashed-line circle "Discol water"	20°25'N	152°12'E		
	Depth 2750 fathoms	20°31'N	152°49'E		
	(MCNM7903, 0001/87; Jpn CH 48)				
521	11Ed. 7/18/81 LAST NM 10/87			19/87	
Add	Depth 44 fathoms				
	(MCNM0002/87)				
521	11Ed. 7/18/81 LAST NM 19/87			11/88	
Add	Depth 255 fathoms	21°54'N	159°56'W		
	(MCNM8066/88)				
521	11Ed. 7/18/81 LAST NM 11/88			19/88	
Add	Depth 40 fathoms "Rep 1987"				
	(PA) (ED)	36°17'N	163°16'W		
	(MCNM8089/88)				
521	11Ed. 7/18/81 LAST NM 19/88			43/88	
Substitute	Depth 92 fathoms 812 fathoms	2°54'N	158°48'W		
	(MCNM8152/88)				
521	11Ed. 7/18/81 LAST NM 43/88			37/89	
Add	Depth 40 fathoms "Rep (1974)"	27°43'N	175°35'W		
	(MCNM1071/89)				
521	11Ed. 7/18/81 LAST NM 37/89			36/91	
Add	Superbuoy ODAS "51003" Y, Fl(4) Y 20s	19°16'N	160°47'W		
	(MCNM1098/91)				
521	11Ed. 7/18/81 LAST NM 36/91			3/93	
Add	Depth 7 fathoms "Rep (1991)"	1°05'N	170°31'E		
	(MCC1226/93)				
521	11Ed. 7/18/81 LAST NM 3/93			7/93	
Add	Depths				
	100 fathoms "Rep"	28°50'N	178°55'W		
	235 fathoms "Rep"	29°40'N	179°21'E		
	(MCC1160/92)				
521	11Ed. 7/18/81 LAST NM 7/93			33/93	
Relocate	Superbuoy ODAS "51003"				
	(19°16'N 160°47'W) to	19°10'N	160°49'W		
	(28/93 CG14)				
521	11Ed. 7/18/81 LAST NM 33/93			34/93	
Add	Danger circle "Breakers Rep (1991)"	0°24'N	152°00'E		
	(MCC1265/93)				
521	11Ed. 7/18/81 LAST NM 34/93			21/94	
Delete	Dashed line and legend "UNITED...(1867)" between	60°00'N	179°12'E		
		50°52'N	167°08'E		
Add	Purple international maritime boundary line joining	60°00'N	179°40'W		
		58°57'N	178°34'E		
		58°58'N	178°15'E		
		53°44'N	170°19'E		
		53°11'N	169°40'E		
		51°31'N	167°48'E		
		51°11'N	167°27'E		
		51°12'N	167°16'E		
		50°59'N	167°00'E		
	Legend "RUSSIA"	57°04'N	175°00'E		
	"UNITED STATES (see note)"	56°54'N	175°20'E		
	Note in upper center margin of chart				
	"NOTE				
	Maritime boundary provisionally applied pending formal exchange of instruments of ratification."				
	(MCC1339/94)				
521	11Ed. 7/18/81 LAST NM 21/94			41/95	
Delete	R Bn (AERO)	7°28'N	151°50'E		
	(BA RA)	7°00'N	158°14'E		
521	11Ed. 7/18/81 LAST NM 41/95			25/96	
Delete	Depth 58 fathoms	46°17'N	150°12'E		

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521 (Continued)		25/96			Depth 1830 fathoms "Rep (2004)"	16°01'N 170°51'E
Add	Danger circle "Volcanic Activity Rep (1980)"	46°32'N 151°47'E			(NTM0025/2005)	
	Depth 50 fathoms (17(1439)96 Taunton)	46°17'N 150°16'E				
521	11Ed. 7/18/81 LAST NM	25/96	50/96		521 11Ed. 7/18/81 LAST NM 26/05	27/05
Add	Wreck (PA) (45/96 CG17)	56°49'N 162°36'W			Relocate Superbuoy ODAS "46071" from 51°19'N 179°06'E to (See 44/04-521)	51°10'N 179°01'E
					(20/05 CG17)	
521	11Ed. 7/18/81 LAST NM	50/96	12/97		521 11Ed. 7/18/81 LAST NM 27/05	28/05
Substitute	Depth 68 fathoms for 180 fathoms	28°54'N 178°37'W			Add Depth 2110 fathoms "Rep (2005)"	21°55'N 159°42'E
					(NTM0023/2005)	
Add	Depth 139 fathoms 218 fathoms (GIMM015/97)	28°50'N 179°08'W 28°52'N 178°52'W			521 11Ed. 7/18/81 LAST NM 28/05	33/05
					Substitute Depth 250 fathoms for 340 fathoms	21°44'N 158°38'W
					(NTM0013/2005)	
★521	11Ed. 7/18/81 LAST NM	12/97	6/98		521 11Ed. 7/18/81 LAST NM 33/05	49/05
Delete	Depth 216 fathoms (ED)	33°30'N 165°20'E			Add Dashed-line circle "Discolored water Rep" [Ke]	10°07'N 162°52'E
					(NTM0037/2005)	
Add	Depth 116 fathoms (GIMM011/98)	33°29'N 165°37'E			521 11Ed. 7/18/81 LAST NM 49/05	29/06
					Add Depth 1383 fathoms "Rep (2005)"	20°22'N 178°15'W
521	11Ed. 7/18/81 LAST NM	6/98	8/99		Depth 2608 fathoms "Rep (2005)"	20°28'N 176°31'W
Add	Depth 569 fathoms (GIMM001/99)	31°12'N 179°38'W			Depth 1587 fathoms "Rep (2005)"	20°28'N 176°22'W
					Depth 2250 fathoms "Rep (2005)"	22°45'N 176°17'W
					Depth 1984 fathoms "Rep (2005)"	20°11'N 174°17'W
521	11Ed. 7/18/81 LAST NM	8/99	12/00		Depth 840 fathoms (PD)	19°35'N 164°59'W
Add	R Bn (AERO) [S16] (NOS)	28°12'N 177°23'W			(NTM0024/2006; US CH 19007)	
521	11Ed. 7/18/81 LAST NM	12/00	29/00		521 11Ed. 7/18/81 LAST NM 29/06	32/07
Add	Depth 1990 fathoms "Rep (2000)" (PA) (NTM0013/2000)	20°34'N 159°23'W			Delete Dangerous submerged rock and legend "Schjetnan...1945)" in vicinity	16°08'N 178°58'W
521	11Ed. 7/18/81 LAST NM	29/00	15/01		Danger circle and legend "Rep...ED)"	16°26'N 178°21'W
Add	Depth 656 fathoms "Rep (2000)" [I3.2] (42(4094)00 Taunton)	5°53'N 165°22'W			(NTM0018/2007)	
521	11Ed. 7/18/81 LAST NM	15/01	5/02		521 11Ed. 7/18/81 LAST NM 32/07	2/08
Add	Superbuoy ODAS [Q58] Y, FI Y 4s Superbuoy ODAS [Q58] Y, FI Y 4s (32/01 CG13)	46°39'N 170°48'W 50°27'N 165°02'W			Add Superbuoy DART [Q26] "21415" RW, FI(4) Y 20s (31/07 CG17)	50°10'N 171°50'W
521	11Ed. 7/18/81 LAST NM	5/02	17/02		521 11Ed. 7/18/81 LAST NM 2/08	7/08
Delete	R Bn (NOS)	57°09'N 170°17'W			Add Depth 359 fathoms "Rep (2007)" Depth 344 fathoms "Rep (2007)"	1°17'N 159°57'W 2°05'N 164°24'W
					Danger circle [K40] "Shoal rep (2007)", radius 14 miles, centered	8°10'N 160°06'W
					(NTM0003/2008)	
521	11Ed. 7/18/81 LAST NM	17/02	34/03		P 521 11Ed. 7/18/81 LAST NM 7/08	10/08
Add	Superbuoy ODAS [Q58] "46035" Y, FI(4) Y 20s Superbuoy ODAS [Q58] "46072" Y, FI(4) Y 20s (26/03 CG17)	57°03'N 177°35'W 52°02'N 172°05'W			Delete Purple composite line (area to be avoided limit) joining	27°37'N 176°48'W 28°05'N 176°50'W 28°31'N 176°34'W
					Note: Legend "AREA TO BE AVOIDED" remains	
521	11Ed. 7/18/81 LAST NM	34/03	50/03		Purple composite line (area to be avoided limit) joining	26°52'N 173°46'W 26°00'N 172°57'W 25°08'N 174°08'W
Relocate	Superbuoy ODAS "46072" from 52°02'N 172°05'W to (See 34/03-521) (NTM0022/2003)	51°38'N 172°09'W				
					Note: Legend "AREA TO BE AVOIDED" remains	
521	11Ed. 7/18/81 LAST NM	50/03	11/04		Purple composite line (area to be avoided limit) joining	24°52'N 171°54'W 25°50'N 172°42'W 26°34'N 171°40'W
Delete	R Bn (25(3965)03 St. Petersburg)	57°14'N 156°37'E				
					Note: Legend "AREA TO BE AVOIDED" remains	
521	11Ed. 7/18/81 LAST NM	11/04	20/04		Purple composite line (area to be avoided limit) joining	26°13'N 170°07'W 25°15'N 169°38'W 24°36'N 170°25'W
Delete	R Bn (36(5870)03 St. Petersburg)	54°44'N 162°07'E				
					Note: Legend "AREA TO BE AVOIDED" remains	
521	11Ed. 7/18/81 LAST NM	20/04	44/04		521 11Ed. 7/18/81 LAST NM 20/04	44/04
Add	Superbuoy ODAS [Q58] "46071" Y, FI(4) Y 20s (NTM0002/2004)	51°19'N 179°06'E			Add Superbuoy ODAS [Q58] "46071" Y, FI(4) Y 20s (NTM0002/2004)	51°19'N 179°06'E
521	11Ed. 7/18/81 LAST NM	44/04	26/05		Add Depth 1686 fathoms "Rep (2004)"	15°22'N 160°54'E
Add	Depth 1686 fathoms "Rep (2004)"	15°22'N 160°54'E				

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<b>P 521</b>	(Continued)	10/08
	Purple composite line (area to be avoided limit) joining	25°36'N 167°19'W 24°40'N 167°08'W 24°14'N 168°31'W
	Note: Legend "AREA TO BE AVOIDED" remains	
	Purple composite line (area to be avoided limit) joining	23°07'N 166°55'W 24°15'N 167°08'W 24°34'N 165°48'W
	Note: Legend "AREA TO BE AVOIDED" remains	
<b>Add</b>	Purple composite-line greater arc of a circle (area to be avoided limit) [N2.1], radius 50 miles, centered arc joining	28°25'N 178°20'W 27°36'N 178°03'W 29°01'N 177°43'W
	Purple composite-line lesser arc of a circle (area to be avoided limit) [N2.1], radius 50 miles, centered arc between	28°14'N 177°22'W 29°01'N 177°43'W 28°31'N 176°34'W
	Purple composite-line lesser arc of a circle (area to be avoided limit) [N2.1], radius 50 miles, centered arc between	28°14'N 177°22'W 27°37'N 176°48'W 27°36'N 178°03'W
	Purple composite line (area to be avoided limit) [N2.1] between	26°52'N 173°46'W 26°34'N 171°40'W
	Purple composite line (area to be avoided limit) [N2.1] between	25°08'N 174°08'W 24°52'N 171°54'W
	Purple composite-line greater arc of a circle (area to be avoided limit) [N2.1], radius 50 miles, centered arc between	25°20'N 170°01'W 26°13'N 170°07'W 24°36'N 170°25'W
	Purple composite line (area to be avoided limit) [N2.1] between	25°36'N 167°19'W 24°34'N 165°48'W
	Purple composite line (area to be avoided limit) [N2.1] between	24°14'N 168°31'W 23°07'N 166°55'W
	Purple dashed line (reporting area outer limit) [N1.2] joining	29°23'N 178°04'W 28°44'N 175°14'W 27°01'N 173°26'W 26°45'N 171°28'W 26°24'N 170°21'W 25°56'N 167°32'W 24°50'N 165°59'W 24°02'N 161°41'W
	Legend "PSSA Ship Reporting Area SEE CAUTION" along above limit	26°10'N 168°25'W
	Purple dashed-line arc of a circle (reporting area outer limit) [N1.2], radius 60 miles, centered arc joining	23°03'N 161°55'W 24°02'N 161°41'W 23°00'N 160°50'W 22°05'N 162°08'W
	Purple dashed line (reporting area outer limit) [N1.2] joining	22°05'N 162°08'W 22°35'N 164°47'W 22°48'N 166°38'W 24°04'N 168°28'W 24°26'N 170°45'W 24°47'N 171°53'W 25°08'N 174°29'W 27°06'N 176°36'W 27°27'N 178°39'W
	Legend "PSSA Ship Reporting Area SEE CAUTION" along above limit	24°10'N 170°00'W

Purple dashed-line arc of a circle (reporting area outer limit) [N1.2], radius 60 miles, centered arc joining  
28°25'N 178°20'W  
27°27'N 178°39'W  
28°35'N 179°26'W  
29°23'N 178°04'W

CAUTION note in right lower margin of chart "CAUTION"

Areas to be Avoided and Reporting Areas  
All vessels solely in transit should avoid the limits of the Papahānaumokuākea Particularly Sensitive Sea Area (PSSA). All ships 300 gross tonnage or greater and all ships in the event of a developing emergency in transit through the reporting area are required to participate in CORAL SHIPREP. Reports should be made to U.S. Coast Guard CAMSPAC via INMARSAT-C. See Chapter 2, U.S. Coast Pilot 7, (MSC IMO, 83rd Session, 2007)."

Note: The above changes and additions to Areas to be Avoided have been adopted by IMO and are effective at 0001 UTC 1 May 2008

(NTM0001/2008)

**521** 11Ed. 7/18/81 LAST NM 10/08 15/08  
Delete Superbuoy ODAS 46°39'N 170°48'W  
(32/07 CG17)

**521** 11Ed. 7/18/81 LAST NM 10/08 17/08  
Delete Purple composite line (area to be avoided limit) joining  
27°37'N 176°48'W  
28°05'N 176°50'W  
28°31'N 176°34'W

Note: Legend "AREA TO BE AVOIDED" remains

Purple composite line (area to be avoided limit) joining  
26°52'N 173°46'W  
26°00'N 172°57'W  
25°08'N 174°08'W

Note: Legend "AREA TO BE AVOIDED" remains

Purple composite line (area to be avoided limit) joining  
24°52'N 171°54'W  
25°50'N 172°42'W  
26°34'N 171°40'W

Note: Legend "AREA TO BE AVOIDED" remains

Purple composite line (area to be avoided limit) joining  
26°13'N 170°07'W  
25°15'N 169°38'W  
24°36'N 170°25'W

Note: Legend "AREA TO BE AVOIDED" remains

Purple composite line (area to be avoided limit) joining  
25°36'N 167°19'W  
24°40'N 167°08'W  
24°14'N 168°31'W

Note: Legend "AREA TO BE AVOIDED" remains

Purple composite line (area to be avoided limit) joining  
23°07'N 166°55'W  
24°15'N 167°08'W  
24°34'N 165°48'W

Note: Legend "AREA TO BE AVOIDED" remains

**Add** Purple composite-line greater arc of a circle (area to be avoided limit) [N2.1], radius 50 miles, centered arc joining  
28°25'N 178°20'W  
27°36'N 178°03'W  
29°01'N 177°43'W

Purple composite-line lesser arc of a circle (area to be avoided limit) [N2.1], radius 50 miles, centered arc between  
28°14'N 177°22'W  
29°01'N 177°43'W  
28°31'N 176°34'W

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<b>521</b>	(Continued)	17/08		
	Purple composite-line lesser arc of a circle (area to be avoided limit) [N2.1], radius 50 miles, centered	28°14'N 177°22'W		
	arc between	27°37'N 176°48'W		
		27°36'N 178°03'W		
	Purple composite line (area to be avoided limit) [N2.1] between	26°52'N 173°46'W		
		26°34'N 171°40'W		
	Purple composite line (area to be avoided limit) [N2.1] between	25°08'N 174°08'W		
		24°52'N 171°54'W		
	Purple composite-line greater arc of a circle (area to be avoided limit) [N2.1], radius 50 miles, centered	25°20'N 170°01'W		
	arc between	26°13'N 170°07'W		
		24°36'N 170°25'W		
	Purple composite line (area to be avoided limit) [N2.1] between	25°36'N 167°19'W		
		24°34'N 165°48'W		
	Purple composite line (area to be avoided limit) [N2.1] between	24°14'N 168°31'W		
		23°07'N 166°55'W		
	Purple dashed line (reporting area outer limit) [N1.2] joining	29°23'N 178°04'W		
		28°44'N 175°14'W		
		27°01'N 173°26'W		
		26°45'N 171°28'W		
		26°24'N 170°21'W		
		25°56'N 167°32'W		
		24°50'N 165°59'W		
		24°02'N 161°41'W		
	Legend "PSSA Ship Reporting Area SEE CAUTION" along above limit	26°10'N 168°25'W		
	Purple dashed-line arc of a circle (reporting area outer limit) [N1.2], radius 60 miles, centered	23°03'N 161°55'W		
	arc joining	24°02'N 161°41'W		
		23°00'N 160°50'W		
		22°05'N 162°08'W		
	Purple dashed line (reporting area outer limit) [N1.2] joining	22°05'N 162°08'W		
		22°35'N 164°47'W		
		22°48'N 166°38'W		
		24°04'N 168°28'W		
		24°26'N 170°45'W		
		24°47'N 171°53'W		
		25°08'N 174°29'W		
		27°06'N 176°36'W		
		27°27'N 178°39'W		
	Legend "PSSA Ship Reporting Area SEE CAUTION" along above limit	24°10'N 170°00'W		
	Purple dashed-line arc of a circle (reporting area outer limit) [N1.2], radius 60 miles, centered	28°25'N 178°20'W		
	arc joining	27°27'N 178°39'W		
		28°35'N 179°26'W		
		29°23'N 178°04'W		
	CAUTION note in right lower margin of chart			
	"CAUTION			
	Areas to be Avoided and Reporting Areas			
	All vessels solely in transit should avoid the limits of the Papahānaumokuākea Particularly Sensitive Sea Area (PSSA). All ships 300 gross tonnage or greater and all ships in the event of a developing emergency in transit through the reporting area are required to participate in CORAL SHIPREP. Reports should be made to U.S. Coast Guard CAMSPAC via INMARSAT-C. See Chapter 2, U.S. Coast Pilot 7, (MSC IMO, 83rd Session, 2007)".			
	Note: The above changes and additions to Areas to be Avoided have been adopted by IMO			
	(Supersedes 10/08P-521)			
	(NTM0001/2008)			
<b>521</b>	11Ed. 7/18/81 LAST NM 17/08			33/08
	Add Buoy ODAS [Q58] "NOAA PMEL DART", conical, Fl Y 4s (Priv)		20°32'N 157°50'W	
	(11/08 CG14)			
<b>521</b>	11Ed. 7/18/81 LAST NM 33/08			42/08
	Add Superbuoy ODAS [Q58] "46070" Y, Fl(4) Y 20s (Priv) (PA)		55°00'N 175°17'E	
	(39/08 CG17)			
<b>521</b>	11Ed. 7/18/81 LAST NM 42/08			43/08
	Delete Superbuoy DART "21415" (Supersedes 2/08-521)		50°10'N 171°50'W	
	Add Superbuoy DART [Q26] "21414" RW, Fl(4) Y 20s (Priv) (PA)		48°57'N 178°16'E	
	Superbuoy DART [Q26] "21415" RW, Fl(4) Y 20s (Priv) (PA)		50°10'N 171°50'E	
	(40/08 CG17)			
<b>★521</b>	11Ed. 7/18/81 LAST NM 43/08			46/08
	Substitute Depth 771 fathoms for 800 fathoms		11°41'N 161°38'E	
	Add Depth 490 fathoms		12°11'N 168°53'E	
	Depth 615 fathoms		21°59'N 175°33'E	
	Depth 666 fathoms		17°14'N 166°01'E	
	Depth 653 fathoms		17°00'N 162°36'E	
	Depth 655 fathoms		16°34'N 167°07'E	
	Depth 627 fathoms		16°29'N 167°12'E	
	Depth 624 fathoms		16°33'N 165°21'E	
	Depth 552 fathoms		19°22'N 167°20'E	
	Depth 473 fathoms		19°20'N 167°31'E	
	Depth 828 fathoms		18°01'N 178°11'E	
	Depth 671 fathoms		21°41'N 176°25'E	
	(NTM0026/2007)			
<b>521</b>	11Ed. 7/18/81 LAST NM 46/08			52/08
	Substitute Depth 682 fathoms for 725 fathoms		12°48'N 157°55'E	
	Add Depth 703 fathoms		12°21'N 158°39'E	
	Depth 652 fathoms		13°57'N 157°36'E	
	(NTM0026/2007)			
<b>521</b>	11Ed. 7/18/81 LAST NM 52/08			4/09
	Add Superbuoy ODAS [Q58] "46413" Y, Fl(4) Y 20s (Priv) (PA)		48°40'N 174°36'W	
	(52/08 CG17)			
<b>521</b>	11Ed. 7/18/81 LAST NM 4/09			22/09
	Add Superbuoy ODAS [Q58] "51101" Y, Fl(4) Y 20s		24°19'N 162°03'W	
	(18/09 CG14)			
<b>521</b>	11Ed. 7/18/81 LAST NM 22/09			27/09
	Add Wreck [K29]		23°03'N 160°27'W	
	Wreck [K29]		23°05'N 160°20'W	
	Wreck [K29]		23°01'N 159°53'W	
	(NTM0028/2009)			
<b>521</b>	11Ed. 7/18/81 LAST NM 27/09			34/09
	Add Wreck [K29]		23°38'N 160°47'W	
	(NTM0028/2009)			
<b>521</b>	11Ed. 7/18/81 LAST NM 34/09			35/09
	Add Wreck [K29]		22°55'N 160°01'W	
	Wreck [K29]		22°59'N 160°10'W	
	(NTM0028/2009)			
<b>521</b>	11Ed. 7/18/81 LAST NM 35/09			38/09
	Add Depth 647 fathoms		22°57'N 175°37'E	
	Depth 711 fathoms		20°29'N 163°47'E	
	(NTM0011/2009)			
<b>521</b>	11Ed. 7/18/81 LAST NM 38/09			39/09
	Add Legend "Wks"		23°00'N 159°53'W	
	(NTM0028/2009)			
<b>521</b>	11Ed. 7/18/81 LAST NM 39/09			40/09
	Add Wreck [K29]		23°02'N 160°03'W	
	Wreck [K29]		23°08'N 160°11'W	
	(NTM0028/2009)			

521	11Ed.	7/18/81	LAST NM 40/09	41/09					
	Add		Superbuoy ODAS [Q58] "46073" Y, Fl(4) Y 20s (38/09 CG17)		53°01'N	171°59'W	Depth 1378 fathoms (NTM0003/2016)	47°54'N	169°03'E
521	11Ed.	7/18/81	LAST NM 41/09	50/09					
	Change		Superbuoy DART to "21415" Y, Fl(4) Y 20s (PA)		50°10'N	171°50'E			
	Add		Superbuoy DART [Q58] "46408" Y, Fl(4) Y 20s (PA) (45/09 CG17)		49°37'N	169°52'W			
521	11Ed.	7/18/81	LAST NM 50/09	7/10					
	Add		"Depths to 6fms rep (2009)" area bound by dotted line joining		53°36'N 53°36'N 53°28'N 53°28'N	170°02'W 169°39'W 169°39'W 170°02'W			
			(NTM0011/2009)						
521	11Ed.	7/18/81	LAST NM 7/10	28/11					
	Delete		Danger circle and legend "Shoal rep (2007)" centered (NTM0020/2011)		8°10'N	160°06'W			
521	11Ed.	7/18/81	LAST NM 28/11	43/13					
	Delete		"Depths to 6fms rep (2009)" area in vicinity (NTM0005/2013)		53°32'N	169°50'W			
521	11Ed.	7/18/81	LAST NM 43/13	51/13					
	Delete		Depth 6 fathoms "Rep (1947)" and enclosing depth contour (10-fathom) centered (NOS)		54°19'N	160°54'W			
521	11Ed.	7/18/81	LAST NM 51/13	33/14					
	Substitute		Depth 5 fathoms, blue tint and enclosing dotted-line circle [I4] for danger circle centered Note: Legend "Discolored...(1944)" remains (NTM0006/2014)		14°30'N	179°03'W			
P 521	11Ed.	7/18/81	LAST NM 33/14	44/15					
	Change		Legend to "ALEUTIAN ISLANDS (Areas to be Avoided - See Note)" Add Note in right upper margin of chart "AREAS TO BE AVOIDED" The Aleutian Island chain contains areas to be avoided by all ships (solely in transit) of 400 gross tons or more to reduce the risk of a marine casualty, resulting pollution and damage to the environment. See Charts 16011, 16012, 16013." Note: The above Areas to be Avoided have been adopted by IMO and will become effective at 0001 GMT on 01 January 2016 (NTM0027/2015)		53°05'N	175°30'W			
521	11Ed.	7/18/81	LAST NM 44/15	52/15					
	Change		Legend to "ALEUTIAN ISLANDS (Areas to be Avoided - See Note)" Add Note in right upper margin of chart "AREAS TO BE AVOIDED" The Aleutian Island chain contains areas to be avoided by all ships (solely in transit) of 400 gross tons or more to reduce the risk of a marine casualty, resulting pollution and damage to the environment. See Charts 16011, 16012, 16013." Note: The above Areas to be Avoided have been adopted by IMO (Supersedes 44/15P-521) (NTM0027/2015)		53°05'N	175°30'W			
521	11Ed.	7/18/81	LAST NM 52/15	33/16					
	Add		Depth 681 fathoms enclosed by depth contour (1000-fathom) centered Depth 1625 fathoms Depth 1273 fathoms		46°05'N 48°56'N 48°35'N	169°26'E 171°38'E 169°07'E			
521	11Ed.	7/18/81	LAST NM 33/16	6/17					
	Add		Note in left upper margin of chart "NOTE" Ocean Data Acquisition System (ODAS) buoys and Deep-ocean Assessment and Reporting of Tsunami (DART) buoys will no longer be maintained on this chart unless located in areas where larger scale chart coverage is unavailable." (NTM0008/2014)						
★521	11Ed.	7/18/81	LAST NM 6/17	24/18					
	Delete		Depth 359 fathoms "Rep (2007)" Add Depth 576 fathoms (NTM0001/2018)		1°17'N	159°57'W			
★522	87Ed.	7/13/96	NEW EDITION	36/96					
	Add		Depth 6½ fathoms "Rep (1986)" (Previously published 32/96) (DMA)		55°31.3'N	145°49.5'E			
522	87Ed.	7/13/96	LAST NM 36/96	40/96					
	Delete		R Bn (AERO) (BA RA)		5°01'N	118°20'E			
522	87Ed.	7/13/96	LAST NM 40/96	41/96					
	Add		Dangerous wreck (16(142)96 Tianjin)		34°36'N	121°26'E			
522	87Ed.	7/13/96	LAST NM 41/96	42/96					
	Add		Depth 241 fathoms 222 fathoms 369 fathoms (35(2945)96 Taunton)		9°36'N 7°58'N 7°44'N	140°26'E 137°19'E 137°03'E			
522	87Ed.	7/13/96	LAST NM 42/96	51/96					
	Add		Depth 24 fathoms (43(3560)96 Taunton)		7°36'N	108°30'E			
522	87Ed.	7/13/96	LAST NM 51/96	4/97					
	Delete		Depth 202 fathoms "Unexamined Rep (1982)" 287 fathoms Add Depth 54 fathoms 50 fathoms 51 fathoms (46(3818)96 Taunton)		23°04'N 22°15'N 23°45'N 23°05'N 22°12'N	142°24'E 141°42'E 141°44'E 142°20'E 141°52'E			
522	87Ed.	7/13/96	LAST NM 4/97	6/97					
	Add		Depth 40 fathoms with legend "Kita-Hukutoku Tai (Volcano)" (51(2392)96 Tokyo)		24°25'N	141°25'E			
522	87Ed.	7/13/96	LAST NM 6/97	8/97					
	Add		Depth 10¾ fathoms Wk (unsurveyed) (50(4146)96 Taunton)		2°38'N	105°13'E			
522	87Ed.	7/13/96	LAST NM 8/97	24/97					
	Add		R Bn (14(22)97 Tokyo)		35°08'N	139°41'E			
522	87Ed.	7/13/96	LAST NM 24/97	31/97					
	Add		Depth 42 fathoms (11(119)97 Tianjin)		29°55'N	127°03'E			
522	87Ed.	7/13/96	LAST NM 31/97	42/97					
	Delete		Dotted-line circle "Rep (1964)" (GIMM048/97)		16°18'N	109°20'E			

522	87Ed. 7/13/96	LAST NM 42/97	5/98		
	Delete	Dangerous submerged rock "Rep (1955)"	28°12'N 142°23'E		
		(36(1640)97 Tokyo)			
522	87Ed. 7/13/96	LAST NM 5/98	14/98		
	Delete	Depth 400 fathoms "Rep (1965)"	20°27'N 118°05'E		
	Add	Depth 198 fathoms	20°29'N 117°59'E		
		(GIMM011/98)			
522	87Ed. 7/13/96	LAST NM 14/98	32/98		
	Delete	R Bn	31°59'N 128°21'E		
		(12(522)98 Tokyo)			
522	87Ed. 7/13/96	LAST NM 32/98	52/98		
	Delete	Depth 26 fathoms "Rep (1965)"	30°33'N 126°18'E		
		(32(1344)98 Tokyo)			
522	87Ed. 7/13/96	LAST NM 52/98	2/99		
	Substitute	Depth 241 fathoms for 261 fathoms	16°50'N 114°50'E		
		(5(329)98 Taunton)			
522	87Ed. 7/13/96	LAST NM 2/99	6/99		
	Substitute	Depth 8 fathoms for 10 fathoms	30°12'N 130°03'E		
	Add	Depth 27 fathoms	29°22'N 129°05'E		
		(50(2069, 2070)98 Tokyo)			
522	87Ed. 7/13/96	LAST NM 38/99	52/99		
	Delete	R Bn	55°12'N 137°38'E		
		(14(1962)98 St. Petersburg)			
522	87Ed. 7/13/96	LAST NM 52/99	14/02		
	Add	Depth 232 fathoms	16°32'N 129°37'E		
		(13(1402)01 Taunton)			
522	87Ed. 7/13/96	LAST NM 14/02	18/02		
	Add	Depth 385 fathoms	8°04'N 143°26'E		
		Depth 314 fathoms	6°53'N 144°49'E		
		(6(59)02 Wellington)			
522	87Ed. 7/13/96	LAST NM 18/02	52/04		
	Delete	Depth 8½ fathoms	21°35'N 120°34'E		
		Depth 11 fathoms	21°20'N 121°19'E		
		(43(1107)04 Tokyo)			
522	87Ed. 7/13/96	LAST NM 52/04	9/05		
	Delete	Depth 11 fathoms	21°32'N 121°16'E		
		(30(782)04 Tokyo)			
522	87Ed. 7/13/96	LAST NM 9/05	20/05		
	Delete	R Bn (AERO)	15°08'N 145°43'E		
		(NOS)			
522	87Ed. 7/13/96	LAST NM 20/05	34/05		
	Add	Depth 115 fathoms "Rep" [14]	12°37'N 145°31'E		
		Depth 239 fathoms "Rep" [14]	13°41'N 145°30'E		
		Depth 234 fathoms "Rep" [14]	15°00'N 144°17'E		
		(BA CH 764)			
522	87Ed. 7/13/96	LAST NM 34/05	53/05		
	Add	Danger circle [K1] "seismometer"	33°46'N 137°36'E		
		(BA CH 996)			
522	87Ed. 7/13/96	LAST NM 53/05	4/06		
	Delete	Depth 239 fathoms "Rep"	13°41'N 145°30'E		
		(See 34/05-522)			
	Add	Depth 309 fathoms	15°38'N 148°31'E		
		(NTM0007/2006; BA CH 764)			
522	87Ed. 7/13/96	LAST NM 4/06	9/06		
	Add	Danger circle "Obstn" [K40]	8°20'N 148°09'E		
		(NTM0009/2006)			
522	87Ed. 7/13/96	LAST NM 9/06	14/06		
	Add	Danger circle "Obstn" [K40]	7°17'N 145°44'E		
		(NTM0009/2006)			
522	87Ed. 7/13/96	LAST NM 14/06	35/06		
	Add	Danger circle [Ke] "Discol water" centered	3°53'N 105°11'E		
		(6(93)06 Kuala Lumpur)			
522	87Ed. 7/13/96	LAST NM 35/06	42/06		
	Delete	R Bn	38°57'N 139°49'E		
		Legend "RDF"	38°17'N 141°35'E		
		Note: Ramark remains	33°15'N 134°11'E		
		Legend "R Bn"			
		Note: Ramark remains			
		(36(1063, 1064, 1066)06 Tokyo)			
522	87Ed. 7/13/96	LAST NM 42/06	3/07		
	Delete	R Bn	25°18'N 121°32'E		
		(119/06 Tso-ying)			
522	87Ed. 7/13/96	LAST NM 3/07	13/08		
	Add	Dashed-line circle [Ke] "Discolored water Rep	8°26'N 145°51'E		
		(2008)"			
		(NTM0007/2008)			
522	87Ed. 7/13/96	LAST NM 13/08	24/08		
	Delete	R Bn	1°50'N 125°04'E		
	Add	Depth 189 fathoms	7°14'N 147°45'E		
		Depth 324 fathoms	8°24'N 147°54'E		
		Depth 150 fathoms	8°20'N 147°50'E		
		(BA LL; NTM 0026/2007)			
522	87Ed. 7/13/96	LAST NM 24/08	28/08		
	Delete	R Bn	34°50'N 132°06'E		
		(22(744)08 Tokyo)			
522	87Ed. 7/13/96	LAST NM 28/08	32/08		
	Delete	Purple circle at light	38°17'N 141°35'E		
		(25(874)08 Tokyo)			
522	87Ed. 7/13/96	LAST NM 32/08	38/08		
	Substitute	Depth 19 fathoms for 23 fathoms	8°28'N 145°38'E		
		(NTM0026/2007)			
522	87Ed. 7/13/96	LAST NM 38/08	39/08		
	Add	Depth 6 fathoms	7°45'N 147°13'E		
		Depth 254 fathoms	7°29'N 147°24'E		
		Depth 176 fathoms	7°18'N 146°53'E		
		(NTM0026/2007)			
522	87Ed. 7/13/96	LAST NM 39/08	47/08		
	Add	Depth 6¼ fathoms Rk [K14.2]	13°27'N 144°37'E		
		(NOS)			
522	87Ed. 7/13/96	LAST NM 47/08	52/08		
	Substitute	Depth 204 fathoms for 222 fathoms	7°58'N 137°19'E		
		(NTM0026/2007)			
522	87Ed. 7/13/96	LAST NM 52/08	24/09		
	Delete	R Bn	43°22'N 140°29'E		
		(47(1646)08 Tokyo)			
522	87Ed. 7/13/96	LAST NM 24/09	29/09		
	Substitute	Depth 283 fathoms for 250 fathoms "Rep	25°08'N 135°41'E		
		(1966)"			
	Add	Depth 401 fathoms	25°31'N 135°27'E		
		(NTM0011/2009)			
522	87Ed. 7/13/96	LAST NM 29/09	37/09		
	Add	Wreck [K29]	14°55'N 147°48'E		
		(NTM0028/2009)			

522	87Ed. 7/13/96	LAST NM 37/09	38/09
Delete	R Bn	34°15'N 136°54'E	
Substitute	Depth 6 fathoms "Shoal rep (2009)" for 8 fathoms "Rep (1945)"	16°30'N 143°09'E	
Add	Depth 158 fathoms (NTM0003/2009, NTM0011/2009; 24(1037)09 Tokyo)	13°58'N 115°26'E	
522	87Ed. 7/13/96	LAST NM 38/09	47/09
Delete	RDF at light	35°42'N 140°52'E	
	Depth 58 fathoms	12°28'N 144°25'E	
Add	Dashed-line circle "Discol. water rep (1972)" [Ke]	13°01'N 141°29'E	
	Depth 370 fathoms enclosed by depth contour (1000-fathom)	12°28'N 144°37'E	
	Depth 298 fathoms enclosed by broken depth contour (35(1509)09 Tokyo; Jpn LL; BA CH 764; US CH 81060)	12°34'N 145°35'E	
522	87Ed. 7/13/96	LAST NM 47/09	18/10
Delete	R Bn	37°51'N 128°50'E	
	R Bn	36°07'N 125°58'E	
Add	Depth 717 fathoms enclosed by depth contour (1000-fathom) centered (NTM0001/2010; ROK CH 165, 326)	13°15'N 144°02'E	
522	87Ed. 7/13/96	LAST NM 18/10	34/10
Delete	Depth 78 fathoms "Rep (1994)"	15°29'N 113°11'E	
Add	Depth 490 fathoms (NTM0019/2010)	15°29'N 113°12'E	
522	87Ed. 7/13/96	LAST NM 34/10	38/10
Delete	Depth 3 1/2 fathoms, enclosing depth contour (5-fathom) and legend "Carnatic Shl" in vicinity	10°07'N 117°20'E	
	Depth 8 fathoms and enclosing depth contour (10-fathom) centered	10°21'N 117°15'E	
	Depth 9 fathoms and enclosing depth contour (10-fathom) centered (NTM0001/2010)	10°38'N 117°38'E	
522	87Ed. 7/13/96	LAST NM 38/10	40/10
Delete	Depth 10 fathoms, enclosing depth contour (10-fathom) and legend "Truro Shl" in vicinity	16°15'N 116°43'E	
	Depth 22 fathoms	16°24'N 116°49'E	
Add	Depth 2195 fathoms (NTM0001/2010)	16°19'N 116°43'E	
522	87Ed. 7/13/96	LAST NM 40/10	5/11
Add	Depth 654 fathoms "Rep (2010)" (NTM0021/2010)	13°24'N 143°55'E	
522	87Ed. 7/13/96	LAST NM 5/11	11/11
Delete	R Bn	36°05'N 129°34'E	
	(ROK CH 146)		
522	87Ed. 7/13/96	LAST NM 11/11	12/12
Add	Depth 286 fathoms (NTM0008/2012)	14°36'N 144°47'E	
522	87Ed. 7/13/96	LAST NM 12/12	41/13
Substitute	Depth 165 fathoms for 51 fathoms (NTM0008/2013)	16°59'N 145°43'E	
522	87Ed. 7/13/96	LAST NM 41/13	42/13
Delete	Dangerous wreck	34°55'N 122°48'E	
Add	Dangerous wreck [K28] "Rep (2012)" (PA) (1(2)13 Tianjin)	34°56'N 122°37'E	
522	87Ed. 7/13/96	LAST NM 42/13	49/14
Delete	Depth 25 fathoms and enclosing dashed-line circle in vicinity	10°14'N 140°43'E	
	Depth 654 fathoms "Rep (2010)"	13°24'N 143°55'E	
	Depth 234 fathoms "Rep"	15°00'N 144°17'E	
	Depth 129 fathoms "Rep (1970)" and enclosing dashed-line circle in vicinity (NTM0012/2014)	14°16'N 141°43'E	
522	87Ed. 7/13/96	LAST NM 49/14	32/16
Add	Depth 1188 fathoms	38°58'N 148°10'E	
	Depth 1500 fathoms (NTM0003/2016)	40°07'N 149°38'E	
522	87Ed. 7/13/96	LAST NM 32/16	49/16
Delete	Dashed-line circle and legend "Sub vol (Rep 1983)" in vicinity (NTM0002/2016)	17°56'N 136°29'E	
★522	87Ed. 7/13/96	LAST NM 49/16	3/17
Delete	Dangerous submerged rock	9°22'N 114°10'E	
	Dangerous submerged rock	10°32'N 115°09'E	
	Dangerous submerged rock	8°30'N 114°21'E	
	Dangerous submerged rock	10°48'N 116°51'E	
	Dangerous submerged rock	9°03'N 115°18'E	
	Dangerous submerged rock	8°47'N 115°15'E	
	Dangerous submerged rock	8°28'N 115°56'E	
	Dangerous submerged rock	9°51'N 116°35'E	
	Dangerous submerged rock	9°49'N 116°41'E	
	Dangerous submerged rock (NTM0002/2016)	9°46'N 116°44'E	
522	87Ed. 7/13/96	LAST NM 3/17	14/17
Substitute	Depth 92 fathoms enclosed by depth contour (100-fathom) for 250 fathoms (UKHO ARCS 1968-0)	21°28'N 120°55'E	
★522	87Ed. 7/13/96	LAST NM 14/17	35/17
Delete	Depth 65 fathoms "Rep (1989)" and enclosing dotted-line circle in vicinity	9°48'N 109°48'E	
	Depth 64 fathoms "Rep (1989)" and enclosing dotted-line circle in vicinity (NTM0004/2017)	9°56'N 109°53'E	
★522	87Ed. 7/13/96	LAST NM 35/17	38/17
Delete	Depth 28 fathoms and enclosing dashed-line area in vicinity (NTM0004/2017)	31°34'N 128°15'E	
★522	87Ed. 7/13/96	LAST NM 38/17	1/18
Delete	Depth 71 fathoms	6°42'N 109°33'E	
Add	Depth 39 fathoms (NTM0005/2017)	6°47'N 109°35'E	
★523	8Ed. 7/6/96	NEW EDITION	38/96
Add	Depth 6 1/2 fathoms "Rep (1986)" (Previously published 32/96) (DMA)	55°31.3'N 145°49.5'E	
523	8Ed. 7/6/96	LAST NM 38/96	50/96
Add	Wreck (PA) (45/96 CG17)	56°49'N 162°36'W	
523	8Ed. 7/6/96	LAST NM 50/96	4/97
Substitute	Depth 50 fathoms for 202 fathoms "Unexamined Rep (1982)"	23°05'N 142°19'E	
Add	Depth 51 fathoms (46(3818)96 Taunton)	22°12'N 141°52'E	
523	8Ed. 7/6/96	LAST NM 4/97	12/97
Add	Depth 68 fathoms	28°54'N 178°37'W	
	139 fathoms (GIMM015/97)	28°50'N 179°08'W	

523	8Ed. 7/6/96	LAST NM 12/97	24/97		
	Add	R Bn	35°09'N 139°41'E		
		(14(22)97 Tokyo)			
523	8Ed. 7/6/96	LAST NM 24/97	31/97		
	Add	Depth 42 fathoms	29°55'N 127°03'E		
		(11(119)97 Tianjin)			
523	8Ed. 7/6/96	LAST NM 31/97	41/97		
	Delete	Dashed-line circle "Volcanic...(1978)"	46°06'N 151°33'E		
		Depth 43 fathoms	46°31'N 151°26'E		
		(Rus CH 62274)			
523	8Ed. 7/6/96	LAST NM 41/97	5/98		
	Delete	Dangerous submerged rock "Rep (1955)"	28°12'N 142°23'E		
		(36(1640)97 Tokyo)			
523	8Ed. 7/6/96	LAST NM 5/98	6/98		
	Delete	Depth 216 fathoms (ED)	33°30'N 165°20'E		
	Add	Depth 116 fathoms	33°29'N 165°37'E		
		(GIMM011/98)			
523	8Ed. 7/6/96	LAST NM 6/98	32/98		
	Delete	R Bn	31°59'N 128°21'E		
		(12(522)98 Tokyo)			
523	8Ed. 7/6/96	LAST NM 32/98	52/98		
	Delete	Depth 26 fathoms "Rep (1965)"	30°33'N 126°18'E		
		(32(1344)98 Tokyo)			
523	8Ed. 7/6/96	LAST NM 52/98	6/99		
	Substitute	Depth			
		8 fathoms for 10 fathoms (ED)	30°12'N 130°03'E		
		1 ¼ fathoms for 1 ¾ fathoms	30°03'N 129°51'E		
	Add	Depth 27 fathoms	29°22'N 129°05'E		
		(50(2069, 2070)98 Tokyo)			
523	8Ed. 7/6/96	LAST NM 6/99	8/99		
	Add	Depth 569 fathoms	31°12'N 179°38'W		
		(GIMM001/99)			
523	8Ed. 7/6/96	LAST NM 38/99	52/99		
	Delete	R Bn	55°12'N 137°38'E		
		(14(1962)98 St. Petersburg)			
523	8Ed. 7/6/96	LAST NM 52/99	12/00		
	Add	R Bn (AERO) [S16]	28°12'N 177°23'W		
		(NOS)			
523	8Ed. 7/6/96	LAST NM 12/00	29/00		
	Add	Depth 1990 fathoms "Rep (2000)" (PA)	20°34'N 159°23'W		
		(NTM0013/2000)			
523	8Ed. 7/6/96	LAST NM 29/00	31/00		
	Add	Depth 245 fathoms "Rep (2000)"	20°24'N 157°01'W		
		(NTM0013/2000)			
523	8Ed. 7/6/96	LAST NM 31/00	5/02		
	Add	Superbuoy ODAS [Q58] Y, FI Y 4s	46°39'N 170°48'W		
		Superbuoy ODAS [Q58] Y, FI Y 4s	50°27'N 165°02'W		
		Superbuoy ODAS [Q58] Y, FI Y 4s	52°34'N 157°10'W		
		(32/01 CG13)			
523	8Ed. 7/6/96	LAST NM 5/02	17/02		
	Delete	R Bn	57°09'N 170°07'W		
		(NOS)			
523	8Ed. 7/6/96	LAST NM 17/02	34/03		
	Add	Superbuoy ODAS [Q58] "46035" Y,	57°03'N 177°35'W		
		FI(4) Y 20s			
		Superbuoy ODAS [Q58] "46066" Y,	53°15'N 155°09'W		
		FI(4) Y 20s			
		Superbuoy ODAS [Q58] "46072" Y,	52°02'N 172°05'W		
		FI(4) Y 20s			
		(26/03 CG17)			
523	8Ed. 7/6/96	LAST NM 34/03	50/03		
	Relocate	Superbuoy ODAS "46072" from			
		52°02'N 172°05'W to	51°38'N 172°09'W		
		(See 34/03-523)			
		(NTM0022/2003)			
523	8Ed. 7/6/96	LAST NM 50/03	11/04		
	Delete	R Bn	57°10'N 156°37'E		
		(25(3965)03 St. Petersburg)			
523	8Ed. 7/6/96	LAST NM 11/04	20/04		
	Delete	R Bn	54°44'N 162°07'E		
		(36(5870)03 St. Petersburg)			
523	8Ed. 7/6/96	LAST NM 20/04	26/04		
	Add	Superbuoy ODAS [Q58] "PICO" Y, FI Y 4s	20°30'N 158°02'W		
		(Priv)			
		(21/04 CG14)			
523	8Ed. 7/6/96	LAST NM 26/04	44/04		
	Relocate	Superbuoy ODAS "46066" from			
		53°15'N 155°09'W to	52°42'N 155°01'W		
	Add	Superbuoy ODAS [Q58] "46071" Y,			
		FI(4) Y 20s	51°19'N 179°06'E		
		(34/04 CG17; NTM0002/2004)			
523	8Ed. 7/6/96	LAST NM 44/04	52/04		
	Delete	Depth 8 ½ fathoms	21°35'N 120°34'E		
		Depth 11 fathoms	21°20'N 121°19'E		
		(43(1107)04 Tokyo)			
523	8Ed. 7/6/96	LAST NM 52/04	9/05		
	Delete	Depth 11 fathoms	21°32'N 121°16'E		
		(30(782)04 Tokyo)			
523	8Ed. 7/6/96	LAST NM 9/05	27/05		
	Relocate	Superbuoy ODAS "46071" from			
		51°19'N 179°06'E to	51°10'N 179°01'E		
		(See 44/04-523)			
		(20/05 CG17)			
523	8Ed. 7/6/96	LAST NM 27/05	28/05		
	Add	Superbuoy ODAS [Q58] "46073" Y,			
		FI(4) Y 20s	54°57'N 172°02'W		
		(NOS)			
523	8Ed. 7/6/96	LAST NM 28/05	33/05		
	Substitute	Depth 250 fathoms for 340 fathoms	21°44'N 158°38'W		
		(NTM0013/2005)			
523	8Ed. 7/6/96	LAST NM 33/05	43/05		
	Delete	Depth 89 fathoms	25°30'N 127°57'E		
		(Jpn CH W1203)			
523	8Ed. 7/6/96	LAST NM 43/05	53/05		
	Add	Danger circle [K1] "seismometer"	33°46'N 137°36'E		
		(BA CH 996)			
523	8Ed. 7/6/96	LAST NM 53/05	29/06		
	Add	Depth 1383 fathoms "Rep (2005)"	20°22'N 178°15'W		
		Depth 2608 fathoms "Rep (2005)"	20°28'N 176°31'W		
		Depth 1587 fathoms "Rep (2005)"	20°28'N 176°22'W		
		Depth 2250 fathoms "Rep (2005)"	22°45'N 176°17'W		
		Depth 1984 fathoms "Rep (2005)"	20°11'N 174°17'W		
		Depth 1523 fathoms "Rep (2005)"	20°44'N 172°33'W		
		Depth 1379 fathoms "Rep (2005)"	20°32'N 172°04'W		
		Depth 840 fathoms (PD)	19°35'N 164°59'W		
		(NTM0024/2006; US CH 19007)			
523	8Ed. 7/6/96	LAST NM 29/06	42/06		
	Delete	R Bn	38°57'N 139°49'E		
		Legend "RDF"	38°17'N 141°35'E		
		Note: Ramark remains			
		Legend "R Bn"	33°15'N 134°11'E		
		Note: Ramark remains			
		(36(1063, 1064, 1066)06 Tokyo)			

<b>523</b>	8Ed. 7/6/96	LAST NM 42/06	3/07	24°04'N 168°28'W
Delete	R Bn			25°08'N 174°29'W
	(149/06 Tso-ying)			27°06'N 176°36'W
				27°27'N 178°39'W
<b>523</b>	8Ed. 7/6/96	LAST NM 3/07	2/08	
Add	Superbuoy DART [Q26] "21415" RW, Fl(4) Y 20s	50°10'N 171°50'W		
	(31/07 CG17)			
<b>P 523</b>	8Ed. 7/6/96	LAST NM 2/08	10/08	
Add	Purple dashed line (reporting area outer limit) [N1.2] joining	29°23'N 178°04'W 28°44'N 175°14'W 27°01'N 173°26'W 25°56'N 167°32'W 24°50'N 165°59'W 24°02'N 161°41'W		
	Purple dashed-line arc of a circle (reporting area outer limit) [N1.2], radius 60 miles, centered arc joining	23°03'N 161°55'W 24°02'N 161°41'W 23°00'N 160°50'W 22°05'N 162°08'W		
	Purple dashed line (reporting area outer limit) [N1.2] joining	22°05'N 162°08'W 22°48'N 166°38'W 24°04'N 168°28'W 25°08'N 174°29'W 27°06'N 176°36'W 27°27'N 178°39'W		
	Legend "Particularly Sensitive Sea Area SEE CAUTION" along above limit	24°15'N 171°00'W		
	Purple dashed-line arc of a circle (reporting area outer limit) [N1.2], radius 60 miles, centered arc joining	28°25'N 178°20'W 27°27'N 178°39'W 28°35'N 179°26'W 29°23'N 178°04'W		
	CAUTION note "CAUTION Particularly Sensitive Sea Area (PSSA) All vessels solely in transit should avoid the limits of the Papahānaumokuākea PSSA. All ships 300 gross tonnage or greater and all ships in the event of a developing emergency in transit through the reporting area are required to participate in CORAL SHIPREP. Reports should be made to U.S. Coast Guard CAMSPAC via INMARSAT-C. See Chapter 2, U.S. Coast Pilot 7, charts 19016, 19019, and 19022 (MSC IMO, 83rd Session, 2007)." 55°00'N 121°00'E Note: The above Areas to be Avoided have been adopted by IMO and are effective at 0001 UTC 1 May 2008 (NTM0001/2008)			
<b>523</b>	8Ed. 7/6/96	LAST NM 10/08	13/08	
Delete	Buoy "PICO"	20°30'N 158°02'W		
	(10/08 CG14)			
<b>523</b>	8Ed. 7/6/96	LAST NM 13/08	15/08	
Delete	Superbuoy ODAS	46°33'N 170°48'W		
	(32/07 CG17)			
<b>523</b>	8Ed. 7/6/96	LAST NM 10/08	17/08	
Add	Purple dashed line (reporting area outer limit) [N1.2] joining	29°23'N 178°04'W 28°44'N 175°14'W 27°01'N 173°26'W 25°56'N 167°32'W 24°50'N 165°59'W 24°02'N 161°41'W		
	Purple dashed-line arc of a circle (reporting area outer limit) [N1.2], radius 60 miles, centered arc joining	23°03'N 161°55'W 24°02'N 161°41'W 23°00'N 160°50'W 22°05'N 162°08'W		
	Purple dashed line (reporting area outer limit) [N1.2] joining	22°05'N 162°08'W 22°48'N 166°38'W		
<b>523</b>	8Ed. 7/6/96	LAST NM 17/08	28/08	
Delete	R Bn			34°50'N 132°05'E
	(22(744)08 Tokyo)			
<b>523</b>	8Ed. 7/6/96	LAST NM 28/08	33/08	
Add	Buoy ODAS [Q58] "NOAA PMEL DART", conical, Fl Y 4s (Priv)			20°32'N 157°50'W
	(11/08 CG14)			
<b>523</b>	8Ed. 7/6/96	LAST NM 33/08	38/08	
Add	Depth 12 fathoms "Rep (2008)" [I3.2] (NTM0010/2008)			25°26'N 123°14'E
<b>523</b>	8Ed. 7/6/96	LAST NM 38/08	43/08	
Delete	Superbuoy DART "21415" (Supersedes 2/08-523)	50°10'N 171°50'W		
Add	Superbuoy DART [Q26] "21415" RW, Fl(4) Y 20s (Priv) (PA) Superbuoy DART [Q26] "21414" RW, Fl(4) Y 20s (Priv) (PA) Superbuoy DART [Q26] "46403" RW, Fl(4) Y 20s (Priv) (PA)	50°10'N 171°50'E 48°57'N 178°16'E 52°39'N 156°56'W		
	(40/08 CG17)			
<b>523</b>	8Ed. 7/6/96	LAST NM 43/08	46/08	
Add	Depth 615 fathoms Depth 671 fathoms (NTM0026/2007)			21°59'N 175°33'E 21°41'N 176°25'E
<b>523</b>	8Ed. 7/6/96	LAST NM 46/08	4/09	
Add	Superbuoy ODAS [Q58] "46413" Y, Fl(4) Y 20s (Priv) (PA)			48°40'N 174°36'W
	(52/08 CG17)			
<b>523</b>	8Ed. 7/6/96	LAST NM 4/09	6/09	
Add	Depth 1501 fathoms (NTM0003/2009)			19°02'N 157°47'W
<b>523</b>	8Ed. 7/6/96	LAST NM 6/09	22/09	
Add	Superbuoy ODAS [Q58] "51000" Y, Fl(4) Y 20s Superbuoy ODAS [Q58] "51100" Y, Fl(4) Y 20s Superbuoy ODAS [Q58] "51101" Y, Fl(4) Y 20s			23°28'N 154°00'W 23°33'N 153°54'W 24°19'N 162°03'W
	(18/09 CG14)			

<b>523</b>	8Ed. 7/6/96	LAST NM 22/09	24/09	53°28'N 169°39'W
Delete	R Bn		43°22'N 140°29'E	53°28'N 170°02'W
	(47(1646)08 Tokyo)			(NTM0011/2009)
<b>523</b>	8Ed. 7/6/96	LAST NM 24/09	27/09	
Add	Wreck [K29]		23°03'N 160°27'W	<b>523</b> 8Ed. 7/6/96 LAST NM 7/10 18/10
	Wreck [K29]		23°05'N 160°20'W	Delete R Bn 36°12'N 126°00'E
	Wreck [K29]		23°01'N 159°53'W	(ROK CH 326)
	(NTM0028/2009)			
<b>523</b>	8Ed. 7/6/96	LAST NM 27/09	28/09	
Add	Depth 1920 fathoms		20°04'N 157°00'W	<b>523</b> 8Ed. 7/6/96 LAST NM 18/10 11/11
	(NTM0032/2009)			Delete R Bn 36°04'N 129°35'E
				(ROK CH 146)
<b>523</b>	8Ed. 7/6/96	LAST NM 28/09	29/09	
Substitute	Depth 283 fathoms for 250 fathoms "Rep (1966)"		25°08'N 135°41'E	<b>523</b> 8Ed. 7/6/96 LAST NM 11/11 12/12
Add	Depth 401 fathoms		25°31'N 135°27'E	Delete Depth 5 fathoms (PA) and enclosing depth contour (10-fathom) centered (11(2224)85 Leningrad) 61°42'N 176°15'E
	(NTM0011/2009)			
<b>523</b>	8Ed. 7/6/96	LAST NM 29/09	32/09	
Relocate	Superbuoy ODAS "46066" from 52°42'N 155°01'W to (27/09 CG17)		52°44'N 154°58'W	<b>523</b> 8Ed. 7/6/96 LAST NM 12/12 43/13
				Delete "Depths to 6fms rep (2009)" area in vicinity 53°32'N 169°50'W
				(NTM0005/2013)
<b>523</b>	8Ed. 7/6/96	LAST NM 32/09	34/09	
Add	Wreck [K29]		23°38'N 160°47'W	<b>523</b> 8Ed. 7/6/96 LAST NM 43/13 51/13
	(NTM0028/2009)			Delete Depth 6 fathoms "Rep" and enclosing dashed-line circle centered 54°15'N 160°49'W
				(NOS)
<b>523</b>	8Ed. 7/6/96	LAST NM 34/09	35/09	
Add	Wreck [K29]		22°55'N 160°01'W	<b>P 523</b> 8Ed. 7/6/96 LAST NM 51/13 44/15
	Wreck [K29]		22°59'N 160°10'W	Change Legend to "ALEUTIAN ISLANDS (Areas to be Avoided - See Note)" 53°06'N 175°30'W
	(NTM0028/2009)			Add Note "AREAS TO BE AVOIDED The Aleutian Island chain contains areas to be avoided by all ships (solely in transit) of 400 gross tons or more to reduce the risk of a marine casualty, resulting pollution and damage to the environment. See Charts 16011, 16012, 16013." 61°22'N 156°00'W
<b>523</b>	8Ed. 7/6/96	LAST NM 35/09	37/09	Note: The above Areas to be Avoided have been adopted by IMO and will become effective at 0001 GMT on 01 January 2016 (NTM0027/2015)
Add	Superbuoy ODAS [Q58] "46078" Y, Fl(4) Y 20s (33/09 CG17)		56°04'N 152°39'W	
<b>523</b>	8Ed. 7/6/96	LAST NM 37/09	38/09	
Delete	R Bn		34°18'N 136°54'E	<b>523</b> 8Ed. 7/6/96 LAST NM 44/15 52/15
Add	Depth 711 fathoms		20°29'N 163°47'E	Change Legend to "ALEUTIAN ISLANDS (Areas to be Avoided - See Note)" 53°06'N 175°30'W
	Depth 647 fathoms (NTM0011/2009; 24(1037)09 Tokyo)		22°57'N 175°37'E	Add Note "AREAS TO BE AVOIDED The Aleutian Island chain contains areas to be avoided by all ships (solely in transit) of 400 gross tons or more to reduce the risk of a marine casualty, resulting pollution and damage to the environment. See Charts 16011, 16012, 16013." 61°22'N 156°00'W
<b>523</b>	8Ed. 7/6/96	LAST NM 38/09	39/09	Note: The above Areas to be Avoided have been adopted by IMO (Supersedes 44/15P-523) (NTM0027/2015)
Add	Legend "Wks" at wreck symbol (NTM0028/2009)		23°00'N 159°53'W	
<b>523</b>	8Ed. 7/6/96	LAST NM 39/09	40/09	
Add	Wreck [K29]		23°02'N 160°03'W	<b>★523</b> 8Ed. 7/6/96 LAST NM 52/15 32/16
	Wreck [K29]		23°08'N 160°11'W	Add Depth 1188 fathoms 38°58'N 148°10'E
	(NTM0028/2009)			Depth 1500 fathoms 40°07'N 149°38'E
<b>523</b>	8Ed. 7/6/96	LAST NM 40/09	41/09	Depth 1378 fathoms 47°54'N 169°02'E
Relocate	Superbuoy ODAS "46073" from 54°57'N 172°02'W to (38/09 CG17)		55°01'N 171°59'W	Depth 1273 fathoms 48°35'N 169°07'E
				Depth 1625 fathoms 48°56'N 171°38'E
<b>523</b>	8Ed. 7/6/96	LAST NM 41/09	47/09	Depth 681 fathoms enclosed by depth contour (1000-fathom) centered 46°05'N 169°26'E
Delete	RDF at light (35(1509)09 Tokyo; Jpn LL)		35°42'N 140°52'E	(NTM0003/2016)
<b>523</b>	8Ed. 7/6/96	LAST NM 47/09	50/09	
Change	Superbuoy DART to "21415" Y, Fl(4) Y 20s (PA)		50°10'N 171°50'E	<b>523</b> 8Ed. 7/6/96 LAST NM 32/16 6/17
Add	Superbuoy DART [Q58] "46408" Y, Fl(4) Y 20s (PA) (45/09 CG17)		49°37'N 169°52'W	Add Note "NOTE Ocean Data Acquisition System (ODAS) buoys and Deep-ocean Assessment and Reporting of Tsunami (DART) buoys will no longer be maintained on this chart unless located in areas where larger scale chart coverage is unavailable." 55°15'N 130°00'E
<b>523</b>	8Ed. 7/6/96	LAST NM 50/09	7/10	(NTM0008/2014)
Add	"Depths to 6fms rep (2009)" area bound by dotted line joining 53°36'N 170°02'W 53°36'N 169°39'W			

★523	8Ed. 7/6/96 LAST NM 6/17	50/18		
	Delete Buoy ODAS "NOAA PMEL DART" (42/18 CG14)	20°32'N 157°50'W		
★523	8Ed. 7/6/96 LAST NM 50/18	9/19		
	Relocate Superbuoy ODAS "51000" from 23°28'N 154°00'W to (6/19 CG14)	23°32'N 153°47'W		
★523	8Ed. 7/6/96 LAST NM 9/19	11/19		
	Delete Superbuoy ODAS "51100" (7/19 CG14)	23°33'N 153°54'W		
★524	12Ed. 1/27/96 NEW EDITION	23/96		
	Add Dashed-line circle with legend "Volcanic Activity Rep (1995)"	15°34'N 145°43'E		
	Dangerous wreck (Previously published 8/96)	9°22'N 107°58'E		
	Add Depth			
	16 fathoms	8°25'N 148°13'E		
	8¾ fathoms	8°03'N 148°34'E		
	(Previously published 10/96)			
	Delete R Bn	26°10'N 127°40'E		
	Add R Bn	8°50'S 115°12'E 11°03'N 118°49'E 22°37'N 120°15'E 22°41'N 121°28'E 25°18'N 121°31'E 20°18'N 106°34'E 20°40'N 106°49'E 20°37'N 107°10'E		
	(DMA; BA RA)			
524	12Ed. 1/27/96 LAST NM 23/96	26/96		
	Delete R Bn (AERO)	13°43'N 100°37'E		
	Add R Bn (AERO)	12°40'N 101°00'E		
	(BA RA; BA CH 3965)			
524	12Ed. 1/27/96 LAST NM 26/96	31/96		
	Delete Depth 18 fathoms	12°16'S 129°21'E		
	Add Depth 8½ fathoms	12°16'S 129°29'E		
	(23(315)96 Wollongong)			
524	12Ed. 1/27/96 LAST NM 31/96	42/96		
	Add Depth			
	241 fathoms	9°36'N 140°26'E		
	222 fathoms	7°58'N 137°19'E		
	369 fathoms	7°44'N 137°03'E		
	(35(2945)96 Taunton)			
524	12Ed. 1/27/96 LAST NM 42/96	51/96		
	Add Depth 24 fathoms	7°36'N 108°30'E		
	(43(3560)96 Taunton)			
524	12Ed. 1/27/96 LAST NM 51/96	52/96		
	Delete Depth 5½ fathoms	10°20'S 141°09'E		
	(34(567)96 Wollongong)			
524	12Ed. 1/27/96 LAST NM 52/96	4/97		
	Substitute Depth 50 fathoms for 202 fathoms "Rep (1982)"	23°05'N 142°19'E		
	Add Depth 51 fathoms	22°12'N 141°52'E		
	(46(3818)96 Taunton)			
524	12Ed. 1/27/96 LAST NM 4/97	7/97		
	Substitute Depth			
	4 fathoms for 3½ fathoms	14°07'S 146°48'E		
	7¾ fathoms for			
	14 fathoms "Rep (1967)"	14°15'S 146°54'E		
	(37(634)96 Wollongong)			
524	12Ed. 1/27/96 LAST NM 7/97	8/97		
	Add Depth 10¾ fathoms Wk (unsurveyed)	2°38'N 105°13'E		
	(50(4146)96 Taunton)			
524	12Ed. 1/27/96 LAST NM 8/97	38/97		
	Add Depth 7 fathoms 5 feet "Rep (1997)"	8°21'S 127°29'E		
	(GIMM043/96)			
524	12Ed. 1/27/96 LAST NM 38/97	42/97		
	Delete Dotted-line circle "Rep (1964)"	16°18'N 109°20'E		
	(GIMM048/97)			
524	12Ed. 1/27/96 LAST NM 42/97	33/98		
	Substitute Depth 6¾ fathoms for 7 fathoms "Rep (1983)"	10°08'S 129°33'E		
	(10(259)98 Wollongong)			
524	12Ed. 1/27/96 LAST NM 33/98	2/99		
	Substitute Depth 241 fathoms for 261 fathoms	16°50'N 114°50'E		
	(5(329)98 Taunton)			
524	12Ed. 1/27/96 LAST NM 2/99	20/99		
	Add Danger circle "Obstn"	7°20'S 116°15'E		
	(26(2286)98 Taunton)			
524	12Ed. 1/27/96 LAST NM 20/99	14/02		
	Add Depth 232 fathoms	16°32'N 129°37'E		
	(13(1402)01 Taunton)			
524	12Ed. 1/27/96 LAST NM 14/02	18/02		
	Add Depth 385 fathoms	8°04'N 143°26'E		
	Depth 314 fathoms	6°53'N 144°49'E		
	(6(59)02 Wellington)			
524	12Ed. 1/27/96 LAST NM 18/02	47/02		
	Delete R Bn (AERO)	16°51'S 145°48'E		
	R Bn (AERO)	19°20'S 146°48'E		
	(BA RA)			
524	12Ed. 1/27/96 LAST NM 47/02	34/03		
	Delete R Bn (AERO)	12°09'S 96°49'E		
	(BA RA)			
524	12Ed. 1/27/96 LAST NM 34/03	52/04		
	Delete Depth 8½ fathoms	21°35'N 120°34'E		
	Depth 11 fathoms	21°20'N 121°19'E		
	(43(1107)04 Tokyo)			
524	12Ed. 1/27/96 LAST NM 52/04	9/05		
	Delete Depth 11 fathoms	21°32'N 121°16'E		
	Substitute Depth 73 fathoms for 13 fathoms "Rep (1981) PA"	21°28'N 120°42'E		
	(30(782)04 Tokyo)			
524	12Ed. 1/27/96 LAST NM 9/05	20/05		
	Delete R Bn (AERO)	15°07'N 145°43'E		
	(NOS)			
524	12Ed. 1/27/96 LAST NM 20/05	34/05		
	Add Depth 115 fathoms "Rep" [I4]	12°37'N 145°31'E		
	Depth 239 fathoms "Rep" [I4]	13°41'N 145°30'E		
	Depth 234 fathoms "Rep" [I4]	15°00'N 144°17'E		
	(BA CH 764)			
524	12Ed. 1/27/96 LAST NM 34/05	4/06		
	Delete Depth 239 fathoms "Rep"	13°41'N 145°30'E		
	(See 34/05-524)			
	Add Depth 309 fathoms	15°38'N 148°31'E		
	(NTM0007/2006; BA CH 764)			
524	12Ed. 1/27/96 LAST NM 4/06	5/06		
	Add Danger circle "Obstn" [K40]	9°10'S 153°17'E		
	(NTM0009/2006)			
524	12Ed. 1/27/96 LAST NM 5/06	9/06		
	Add Danger circle "Obstn" [K40]	8°20'N 148°09'E		
	(NTM0009/2006)			



524	12Ed. 1/27/96	LAST NM 9/06	14/06		
	Add	Danger circle "Obstn" [K40] (NTM0009/2006)	7°17'N 145°44'E		
524	12Ed. 1/27/96	LAST NM 14/06	18/06		
	Add	Wreck [K29] (2(7)06 Jakarta)	4°44'S 109°18'E		
524	12Ed. 1/27/96	LAST NM 18/06	35/06		
	Add	Danger circle [Ke] "Discol water" centered (6(93)06 Kuala Lumpur)	3°53'N 105°11'E		
524	12Ed. 1/27/96	LAST NM 35/06	3/07		
	Delete	R Bn (119, 149/06 Tso-ying)	25°18'N 121°31'E 25°09'N 121°45'E		
524	12Ed. 1/27/96	LAST NM 3/07	13/08		
	Add	Dashed-line circle [Ke] "Discolored water Rep (2008)" (NTM0007/2008)	8°26'N 145°51'E		
524	12Ed. 1/27/96	LAST NM 13/08	14/08		
	Substitute	Depth 11 1/4 fathoms enclosed by dotted-line circle for 182 fathoms and delete legend "Rep (1981)" close NW (NTM0008/2008)	18°24'S 155°19'E		
524	12Ed. 1/27/96	LAST NM 14/08	19/08		
	Substitute	Depth 37 fathoms "Rep (2001)" [I3.2] for 400 fathoms (5(523)08 Taunton)	6°31'S 104°46'E		
524	12Ed. 1/27/96	LAST NM 19/08	24/08		
	Delete	R Bn	1°52'N 125°07'E		
	Substitute	Depth 198 fathoms for 225 fathoms	8°45'S 154°37'E		
	Add	Depth 272 fathoms Depth 223 fathoms Depth 189 fathoms Depth 150 fathoms (BA LL; NTM0026/2007)	1°05'S 148°02'E 1°06'S 148°50'E 7°14'N 147°45'E 8°20'N 147°50'E		
524	12Ed. 1/27/96	LAST NM 24/08	37/08		
	Substitute	Depth 167 fathoms for 185 fathoms	9°12'S 153°53'E		
	Add	Depth 360 fathoms (NTM0026/2007)	11°27'S 154°59'E		
524	12Ed. 1/27/96	LAST NM 37/08	38/08		
	Substitute	Depth 19 fathoms for 23 fathoms	8°28'N 145°38'E		
		Depth 12 fathoms "Rep (2008)" for 52 fathoms "Rep (1978)" (NTM0026/2007, NTM0010/2008)	25°26'N 123°14'E		
524	12Ed. 1/27/96	LAST NM 38/08	39/08		
	Add	Depth 6 fathoms Depth 109 fathoms (NTM0026/2007)	7°45'N 147°13'E 7°48'N 147°04'E		
524	12Ed. 1/27/96	LAST NM 39/08	40/08		
	Add	Depth 432 fathoms Depth 519 fathoms (NTM0026/2007)	16°52'S 151°53'E 16°05'S 151°31'E		
524	12Ed. 1/27/96	LAST NM 40/08	47/08		
	Add	Depth 6 1/4 fathoms Rk [K14.2] (NOS)	13°27'N 144°37'E		
524	12Ed. 1/27/96	LAST NM 47/08	48/08		
	Delete	Depth 39 fathoms "Rep (1946)"	11°35'S 154°50'E		
	Add	Depth 527 fathoms Depth 800 fathoms (NTM0026/2007)	5°00'S 157°07'E 5°07'S 157°05'E		
524	12Ed. 1/27/96	LAST NM 48/08	52/08		
	Substitute	Depth 682 fathoms for 725 fathoms Depth 204 fathoms for 222 fathoms	12°48'N 157°52'E 7°58'N 137°19'E		
	Add	Depth 703 fathoms Depth 652 fathoms (NTM0026/2007)	12°21'N 158°39'E 13°57'N 157°36'E		
524	12Ed. 1/27/96	LAST NM 52/08	29/09		
	Substitute	Depth 283 fathoms for 250 fathoms "Rep (1966)"	25°08'N 135°41'E		
	Add	Depth 401 fathoms (NTM0011/2009)	25°31'N 135°27'E		
524	12Ed. 1/27/96	LAST NM 29/09	37/09		
	Add	Wreck [K29] (NTM0028/2009)	14°55'N 147°48'E		
524	12Ed. 1/27/96	LAST NM 37/09	38/09		
	Substitute	Depth 6 fathoms "Shoal rep (2009)" for 8 fathoms "Rep (1945)"	16°30'N 143°09'E		
	Add	Depth 158 fathoms (NTM0003/2009, NTM0011/2009)	13°58'N 115°26'E		
524	12Ed. 1/27/96	LAST NM 38/09	47/09		
	Add	Dashed-line circle "Discol. water rep (1972)" [Ke] Depth 370 fathoms enclosed by depth contour (1000-fathom) Depth 298 fathoms enclosed by broken depth contour (BA CH 764; US CH 81060)	13°01'N 141°29'E 12°28'N 144°37'E 12°34'N 145°35'E		
524	12Ed. 1/27/96	LAST NM 47/09	7/10		
	Add	"Depths to 221fms rep (2009)" area bound by dashed-line circle, radius 10 miles, centered Depth 108 fathoms "Rep (2009)" [I3.2] (NTM0011/2009)	6°39'S 103°44'E 5°19'S 128°15'E		
524	12Ed. 1/27/96	LAST NM 7/10	18/10		
	Add	Depth 717 fathoms enclosed by depth contour (1000-fathom) centered (NTM0001/2010)	13°15'N 144°02'E		
524	12Ed. 1/27/96	LAST NM 18/10	34/10		
	Delete	Depth 78 fathoms "Rep (1994)"	15°29'N 113°11'E		
	Add	Depth 490 fathoms (NTM0019/2010)	15°29'N 113°12'E		
524	12Ed. 1/27/96	LAST NM 34/10	38/10		
	Delete	Depth 3 1/2 fathoms, enclosing depth contour (5-fathom) and legend "Carnatic Shl" in vicinity Depth 8 fathoms and enclosing depth contour (10-fathom) centered Depth 9 fathoms and enclosing depth contour (10-fathom) centered Dangerous submerged rock (NTM0001/2010)	10°07'N 117°20'E 10°21'N 117°15'E 10°38'N 117°38'E 11°02'N 117°36'E		
524	12Ed. 1/27/96	LAST NM 38/10	40/10		
	Delete	Depth 10 fathoms, enclosing depth contour (10-fathom) and legend "Truro Shl" in vicinity Depth 22 fathoms	16°15'N 116°43'E 16°25'N 116°45'E		
	Add	Depth 2195 fathoms (NTM0001/2010)	16°19'N 116°43'E		
524	12Ed. 1/27/96	LAST NM 40/10	5/11		
	Add	Depth 654 fathoms "Rep (2010)" (NTM0021/2010)	13°24'N 143°55'E		

524	12Ed. 1/27/96	LAST NM 5/11	2/12				
Delete	AERO R Bn		6°36'S	147°50'E	Random marks	8°10'N	145°18'E
	AERO R Bn		6°44'S	147°00'E	(DMAHTC; US RA; NVS6905/83)	13°17'N	144°53'E
	(23(1181)11 Wollongong)						
524	12Ed. 1/27/96	LAST NM 2/12	12/12		525	3Ed. 2/5/83	LAST NM 17/83
Add	Depth 286 fathoms		14°36'N	144°47'E	Substitute	Depth 10 fathoms for	41/83
	(NTM0008/2012)				43 fathoms "Rep (1969)"		24°22'N
					(NVS7038/83)		141°26'E
524	12Ed. 1/27/96	LAST NM 12/12	41/13		★525	3Ed. 2/5/83	LAST NM 41/83
Substitute	Depth 165 fathoms for 51 fathoms		16°59'N	145°43'E	Relocate	Tobi Island close W to	45/83
	(NTM0008/2013)				(NVS7086/83)		3°00.4'N
							131°07.4'E
524	12Ed. 1/27/96	LAST NM 41/13	49/14		525	3Ed. 2/5/83	LAST NM 45/83
Delete	Depth 25 fathoms "Rep (1945)" and enclosing		10°15'N	140°45'E	Delete	Legend "Rep (1967)" from	11/84
	dashed-line circle in vicinity				depth 12 fathoms		17°08'N
	Depth 654 fathoms "Rep (2010)"		13°24'N	143°55'E	(NVS7198/84)		143°15'E
	Depth 234 fathoms "Rep"		15°00'N	144°17'E			
	Depth 129 fathoms "Rep (1970)"		14°17'N	141°43'E	★525	3Ed. 2/5/83	LAST NM 11/84
	(NTM0012/2014)				Delete	Depth 12 fathoms	24/84
							23°13'N
							162°18'E
524	12Ed. 1/27/96	LAST NM 49/14	45/15				
Add	"Depths to 115m rep (2008)" area bound by		11°24'S	104°59'E		Danger circles and legends	
	dashed-line circle, radius 10 miles, centered				"Reef (PA-rep 1952)"	22°56'N	162°21'E
	(NTM0011/2015)				"Reef (PA-rep 1952) Uncov"	22°47'N	162°29'E
					(NVS7268/84)		
524	12Ed. 1/27/96	LAST NM 45/15	41/16		525	3Ed. 2/5/83	LAST NM 24/84
Delete	R Bn (AERO)		10°23'S	105°42'E	Add	Dashed-line circle "Discol water"	5/85
	(24(1062)07 Wollongong)						20°25'N
						Depth 16 fathoms	152°12'E
						(Jpn CH 1004B)	23°30'N
							141°55'E
524	12Ed. 1/27/96	LAST NM 41/16	49/16		525	3Ed. 2/5/83	LAST NM 5/85
Delete	Dashed-line circle and legend		17°57'N	136°25'E	Add	Dashed-line circle with legend	27/85
	"Sub vol (rep 1983)" in vicinity				"Sub vol (rep 1983)"		17°57.2'N
	(NTM0002/2016)				(15(1016)85 Taunton)		136°26.1'E
524	12Ed. 1/27/96	LAST NM 49/16	3/17		525	3Ed. 2/5/83	LAST NM 27/85
Delete	Dangerous submerged rock		9°23'N	114°09'E	Delete	Depth 6 fathoms 5 feet	23/86
	Dangerous submerged rock		10°34'N	115°08'E	(MCNM7760/86)		8°05'N
	Dangerous submerged rock		8°31'N	114°20'E			146°30'E
	Dangerous submerged rock		10°48'N	116°51'E	★525	3Ed. 2/5/83	LAST NM 23/86
	Dangerous submerged rock		9°05'N	115°16'E	Substitute	Depth 2750 fathoms for	10/87
	Dangerous submerged rock		9°14'N	116°23'E	danger circle "ED"		20°31'N
	Dangerous submerged rock		8°49'N	115°14'E			152°49'E
	Dangerous submerged rock		8°29'N	115°56'E	Add	Legend "Rep" to dashed-line circle	
	Dangerous submerged rock		9°52'N	116°35'E	"Discol water"		20°25'N
	Dangerous submerged rock		9°50'N	116°41'E	(MCNM7903, 0001/87; Jpn CH 48)		152°12'E
	Dangerous submerged rock		9°47'N	116°44'E			
	(NTM0002/2016)				525	3Ed. 2/5/83	LAST NM 10/87
★524	12Ed. 1/27/96	LAST NM 3/17	35/17		Delete	Dangerous submerged rock	14/87
Delete	Depth 65 fathoms "Rep (1989)" and enclosing		9°52'N	109°49'E	"Transit (ED)"		2°48'N
	dashed-line circle in vicinity				(MCNM7930/87)		132°32'E
	Depth 64 fathoms "Rep (1989)" and enclosing		10°00'N	109°58'E			
	dashed-line circle in vicinity				525	3Ed. 2/5/83	LAST NM 14/87
	(NTM0004/2017)				Add	Stranded wreck	21/87
					(11(863)87 Taunton)		1°07'N
★524	12Ed. 1/27/96	LAST NM 35/17	1/18				154°39'E
Substitute	Depth 39 fathoms for 71 fathoms and enclosing		6°47'N	109°35'E	525	3Ed. 2/5/83	LAST NM 21/87
	dashed-line circle				Delete	Depth 640 fathoms	48/87
	(NTM0005/2017)						3°52.0'N
					Add	Depth 248 fathoms	128°08.0'E
					(MCNM0003/87)		3°47.0'N
★525	3Ed. 2/5/83	NEW EDITION	17/83				
Delete	R Bns (AERO)		1°20'N	172°55'E	525	3Ed. 2/5/83	LAST NM 48/87
			11°20'N	162°23'E	Add	Danger circle "Breakers Rep (1989)"	26/89
			13°33'N	144°52'E	(9(745)89 Taunton)		1°45'N
	Legends "LORAN STATION"		8°43'N	167°45'E			152°02'E
			19°19'N	166°33'E	525	3Ed. 2/5/83	LAST NM 26/89
			6°55'N	134°08'E	Add	Depth 7 fathoms "Rep (1991)"	3/93
			13°22'N	144°44'E	(MCC1226/93)		1°05'N
			15°09'N	145°43'E			170°31'E
			24°45'N	141°16'E			
	Light flare symbols		13°22'N	144°42'E	525	3Ed. 2/5/83	LAST NM 3/93
			13°32'N	144°50'E	Add	Depth	16/93
	Position dots		13°27'N	144°40'E	22 fathoms "Rep (1988)"		3°35'N
			13°37'N	144°54'E	16 fathoms "Rep (1985)"		133°57'E
					(50(60)92 Brest)		0°05'N
							135°08'E

525	3Ed.	2/5/83	LAST NM 16/93	34/93			
	Add		Danger circle "Breakers Rep (1991)" (MCC1265/93)	0°24'N 152°00'E			
525	3Ed.	2/5/83	LAST NM 34/93	53/94			
	Add		Danger circle "Discol Water Rep (1992)" (MCC1306/94)	19°45'N 145°43'E			
525	3Ed.	2/5/83	LAST NM 53/94	41/95			
	Delete		R Bn (AERO) (BA RA)	7°28'N 151°50'E 6°58'N 158°13'E			
525	3Ed.	2/5/83	LAST NM 41/95	43/95			
	Delete		Depth 895 fathoms	6°42'N 142°43'E			
	Add		Depth 185 fathoms 253 fathoms (35(2901)95 Taunton)	6°39'N 142°34'E 11°20'N 138°35'E			
525	3Ed.	2/5/83	LAST NM 43/95	8/96			
	Substitute		Dashed-line circle with legend "Volcanic Activity Rep (1995)" for depth 115 fathoms (SMEA016/96)	15°34'N 145°32'E			
525	3Ed.	2/5/83	LAST NM 8/96	10/96			
	Add		Depth 16 fathoms 8 fathoms 4 feet (3(201)96 Taunton)	8°25'N 148°13'E 8°03'N 148°34'E			
525	3Ed.	2/5/83	LAST NM 10/96	25/96			
	Add		R Bn (AERO) (BA RA; BA CH 700)	1°28.1'N 173°08.1'E			
525	3Ed.	2/5/83	LAST NM 25/96	42/96			
	Add		Depth 241 fathoms 222 fathoms 369 fathoms (35(2945)96 Taunton)	9°36'N 140°26'E 7°58'N 137°19'E 7°44'N 137°03'E			
525	3Ed.	2/5/83	LAST NM 42/96	4/97			
	Delete		Depth 202 fathoms "unexamined Rep (1982)"	23°04'N 142°19'E			
	Add		Depth 54 fathoms 50 fathoms 51 fathoms (46(3818)96 Taunton)	23°45'N 141°44'E 23°05'N 142°20'E 22°12'N 141°52'E			
525	3Ed.	2/5/83	LAST NM 4/97	5/97			
	Delete		Depth 10 fathoms	24°22'N 141°26'E			
	Add		Depth 40 fathoms with legend "Kita-Hukutoku Tai (Vol)" (50(2358)96 Tokyo)	24°25'N 141°25'E			
525	3Ed.	2/5/83	LAST NM 5/97	45/98			
	Add		Legend "CAUTION NO 4"  Caution No. 4 to CAUTIONS note in right upper margin of chart "4. Mariners are advised that Okino-Tori-shima (20°25'N 136°05'E) should be given a wide berth. See Sailing Directions." (4(317)98 Taunton)	20°17'N 136°45'E			
525	3Ed.	2/5/83	LAST NM 45/98	14/02			
	Add		Depth 232 fathoms enclosed by depth contour (1000-fathom) (13(1402)01 Taunton)	16°32'N 129°37'E			
525	3Ed.	2/5/83	LAST NM 14/02	18/02			
	Add		Depth 314 fathoms enclosed by depth contour (1000-fathom) (6(59)02 Wellington)	6°53'N 144°49'E			
525	3Ed.	2/5/83	LAST NM 18/02	40/03			
	Add		Dashed-line circle with blue tint and legend "Discolored Water Reported (2003)" (PA) (NTM0028/2003)	24°18'N 141°59'E			
525	3Ed.	2/5/83	LAST NM 40/03	20/05			
	Delete		R Bn (AERO) (NOS)	15°10'N 145°42'E			
525	3Ed.	2/5/83	LAST NM 20/05	26/05			
	Add		Depth 1686 fathoms "Rep (2004)" Depth 1830 fathoms "Rep (2004)" (NTM0025/2005)	15°22'N 160°54'E 16°01'N 170°51'E			
525	3Ed.	2/5/83	LAST NM 26/05	28/05			
	Add		Depth 2110 fathoms "Rep (2005)" (NTM0023/2005)	21°55'N 159°42'E			
525	3Ed.	2/5/83	LAST NM 28/05	29/05			
	Add		Dashed-line circle [Ke] "Discolored water Rep (2005)" (NTM0026/2005)	24°17'N 141°29'E			
525	3Ed.	2/5/83	LAST NM 29/05	34/05			
	Add		Depth 115 fathoms "Rep" [14] Depth 239 fathoms "Rep" [14] Depth 234 fathoms "Rep" [14] (BA CH 764)	12°37'N 145°31'E 13°41'N 145°30'E 15°00'N 144°17'E			
525	3Ed.	2/5/83	LAST NM 34/05	49/05			
	Add		Dashed-line circle "Discolored water Rep" [Ke] (NTM0037/2005)	10°07'N 162°52'E			
525	3Ed.	2/5/83	LAST NM 49/05	4/06			
	Delete		Depth 239 fathoms "Rep" (See 34/05-525)	13°41'N 145°30'E			
	Add		Depth 309 fathoms (NTM0007/2006; BA CH 764)	15°38'N 148°31'E			
525	3Ed.	2/5/83	LAST NM 4/06	9/06			
	Add		Danger circle "Obstn" [K40] (NTM0009/2006)	8°20'N 148°09'E			
525	3Ed.	2/5/83	LAST NM 9/06	14/06			
	Add		Danger circle "Obstn" [K40] (NTM0009/2006)	7°17'N 145°44'E			
525	3Ed.	2/5/83	LAST NM 14/06	13/08			
	Add		Dashed-line circle [Ke] "Discolored water Rep (2008)" (NTM0007/2008)	8°26'N 145°51'E			
525	3Ed.	2/5/83	LAST NM 13/08	24/08			
	Add		Depth 189 fathoms Depth 324 fathoms Depth 150 fathoms (NTM0026/2007)	7°14'N 147°45'E 8°24'N 147°54'E 8°20'N 147°50'E			
525	3Ed.	2/5/83	LAST NM 24/08	38/08			
	Substitute		Depth 19 fathoms for 45 fathoms (NTM0026/2007)	8°28'N 145°38'E			
525	3Ed.	2/5/83	LAST NM 38/08	39/08			
	Add		Depth 6 fathoms Depth 109 fathoms Depth 254 fathoms Depth 288 fathoms (NTM0026/2007)	7°45'N 147°13'E 7°48'N 147°04'E 7°29'N 147°24'E 7°48'N 148°10'E			

★525	3Ed.	2/5/83	LAST NM 39/08	46/08
Substitute	Depth 600 fathoms for 720 fathoms	19°14'N	167°26'E	
	Depth 771 fathoms for 800 fathoms	11°41'N	161°38'E	
Add	Depth 490 fathoms	12°11'N	168°53'E	
	Depth 600 fathoms	12°05'N	168°50'E	
	Depth 666 fathoms	17°14'N	166°01'E	
	Depth 687 fathoms	17°07'N	162°45'E	
	Depth 653 fathoms	17°00'N	162°36'E	
	Depth 655 fathoms	16°34'N	167°07'E	
	Depth 627 fathoms	16°29'N	167°12'E	
	Depth 624 fathoms	16°33'N	165°21'E	
	Depth 552 fathoms	19°22'N	167°20'E	
	Depth 476 fathoms	19°24'N	167°31'E	
	Depth 478 fathoms	19°22'N	167°26'E	
	(NTM0026/2007)			
525	3Ed.	2/5/83	LAST NM 46/08	47/08
Add	Depth 6 ¼ fathoms Rk [K14.2]	13°27'N	144°37'E	
	(NOS)			
525	3Ed.	2/5/83	LAST NM 47/08	52/08
Substitute	Depth 204 fathoms for 222 fathoms	7°58'N	137°19'E	
Add	Depth 703 fathoms	12°21'N	158°39'E	
	Depth 652 fathoms	13°57'N	157°36'E	
	Depth 682 fathoms	12°48'N	157°52'E	
	(NTM0026/2007)			
525	3Ed.	2/5/83	LAST NM 52/08	37/09
Add	Wreck [K29]	14°55'N	147°48'E	
	(NTM0028/2009)			
525	3Ed.	2/5/83	LAST NM 37/09	38/09
Substitute	Depth 6 fathoms 2 feet "Shoal rep (2009)" for 8 fathoms "Rep (1945)"	16°30'N	143°09'E	
Add	Depth 711 fathoms	20°29'N	163°47'E	
	(NTM0003/2009, NTM0011/2009)			
525	3Ed.	2/5/83	LAST NM 38/09	47/09
Delete	Depth 250 fathoms	15°17'N	145°27'E	
Add	Dashed-line circle "Discol. water rep (1972)" [Ke]	13°01'N	141°29'E	
	Depth 370 fathoms enclosed by depth contours (2)	12°28'N	144°37'E	
	Depth 298 fathoms enclosed by broken depth contour	12°34'N	145°35'E	
	(US CH 81004, 81060; BA CH 764)			
525	3Ed.	2/5/83	LAST NM 47/09	18/10
Add	Depth 717 fathoms enclosed by depth contour (1000-fathom) centered	13°15'N	144°02'E	
	(NTM0001/2010)			
525	3Ed.	2/5/83	LAST NM 18/10	5/11
Add	Depth 654 fathoms "Rep (2010)"	13°24'N	143°55'E	
	(NTM0021/2010)			
525	3Ed.	2/5/83	LAST NM 5/11	12/12
Delete	Depth 1480 fathoms	14°37'N	144°53'E	
Add	Depth 286 fathoms enclosed by depth contour (500-fathom) centered	14°36'N	144°47'E	
	(NTM0008/2012)			
525	3Ed.	2/5/83	LAST NM 12/12	14/12
Add	Depth 952 fathoms enclosed by depth contour (1000-fathom) centered	17°59'N	167°17'E	
	(NTM0005/2012)			
525	3Ed.	2/5/83	LAST NM 14/12	41/13
Delete	Depth 51 fathoms and blue tint	17°00'N	145°44'E	
Add	Depth 165 fathoms	16°59'N	145°43'E	
	(NTM0008/2013)			
525	3Ed.	2/5/83	LAST NM 41/13	5/14
Add	Depth 1635 fathoms enclosed by depth contour (2000-meter) centered	17°31'N	162°41'E	
	(NTM0001/2014)			

525	3Ed.	2/5/83	LAST NM 5/14	49/14
Delete	Depth 25 fathoms "Rep (1945)", blue tint and enclosing depth contour (100-fathom) in vicinity			10°09'N 140°43'E
	Depth 234 fathoms "Rep"			15°00'N 144°17'E
	Depth 129 fathoms "Rep (1970)" and enclosing depth contour (500-fathom) in vicinity			14°17'N 141°45'E
	Depth 1680 fathoms "Rep (1978)" and enclosing depth contour (2000-fathom) in vicinity			15°43'N 142°19'E
Substitute	Depth 799 fathoms for 654 fathoms "Rep (2010)"			13°24'N 143°55'E
Add	Depth 682 fathoms			12°34'N 141°03'E
	(NTM0012/2014)			
525	3Ed.	2/5/83	LAST NM 49/14	49/16
Delete	Dashed-line circle and legend "Sub vol (rep 1983)" in vicinity			17°57'N 136°26'E
	(NTM0002/2016)			
★526	10Ed.	3/23/96	NEW EDITION	25/96
Delete	R Bn (AERO) (Previously published 15/96)			11°40'S 160°05'E
Add	Legend "Submarine volcano (1996)" (Previously published 17/96)			20°59'S 170°17'E
Delete	R Bn (AERO)			2°39'S 176°50'E 0°33'S 166°58'E
	(Previously published 21/96)			
Delete	Danger circle			22°01'S 176°25'W
	R Bn			21°12'S 175°10'W 23°50'N 166°12'W
	R Bn (AERO)			5°29'S 154°43'E 19°15'S 146°45'E 9°46'S 139°01'W 8°50'S 140°12'W 14°26'S 146°04'W 18°05'S 141°00'W 23°22'S 149°32'W 10°22'S 161°00'W 14°14'S 178°08'W
Add	R Bn (AERO) (DMA; 8(76)95 Auckland; BA RA)			1°29'N 173°08'E
526	10Ed.	3/23/96	LAST NM 25/96	28/96
Delete	Depth 31 fathoms (12(50)96 Brest)			14°46'S 147°47'W
526	10Ed.	3/23/96	LAST NM 28/96	42/96
Add	Depth 241 fathoms			9°36'N 140°26'E
	222 fathoms			7°58'N 137°19'E
	369 fathoms			7°44'N 137°03'E
	(35(2945)96 Taunton)			
526	10Ed.	3/23/96	LAST NM 42/96	50/96
Substitute	Depth 164 fathoms for 1039 fathoms			24°04'S 168°34'E
Add	Depth 289 fathoms			19°13'S 164°54'E
	166 fathoms			17°32'S 169°23'E
	Danger circle (ED)			22°06'S 159°45'E
	(34(38)96 Brest)			
526	10Ed.	3/23/96	LAST NM 50/96	52/96
Delete	Depth 5 ½ fathoms			10°13'S 140°50'E
Add	Depth 268 fathoms			8°09'S 141°23'W
	29 fathoms			10°13'S 137°55'W
	(34(567)96 Wollongong; Fr CH 7371)			

526	10Ed. 3/23/96 LAST NM 52/96	4/97			
	Substitute Depth 50 fathoms for 202 fathoms "unexamined Rep (1982)"		23°05'N 142°19'E		
	Add Depth 51 fathoms (46(3818)96 Taunton)		22°12'N 141°52'E		
526	10Ed. 3/23/96 LAST NM 4/97	6/97			
	Substitute Depth 40 fathoms with legend "Kita-Hukutoku Tai (Volcano)" for 43 fathoms "Rep (1969)" (51(2392)96 Tokyo)		24°25'N 141°25'E		
526	10Ed. 3/23/96 LAST NM 6/97	7/97			
	Delete Depth 14 fathoms "Rep (1967)"		14°20'S 146°55'E		
	Substitute Depth 4 fathoms for 3 1/2 fathoms		14°07'S 146°48'E		
	Add Depth 7 3/4 fathoms 213 fathoms (37(634)96 Wollongong; 33(30)96 Brest)		14°15'S 146°54'E 23°31'S 136°00'W		
526	10Ed. 3/23/96 LAST NM 7/97	12/97			
	Add Depth 68 fathoms (GIMM015/97)		28°54'N 178°37'W		
526	10Ed. 3/23/96 LAST NM 12/97	17/97			
	Delete Danger circle (ED) (See 50/96-526) (4(98)97 Wollongong)		22°06'S 159°45'E		
526	10Ed. 3/23/96 LAST NM 17/97	23/97			
	Add Dotted-line circle "Breakers Rep (1987)" (5(120)97 Wollongong)		1°20'S 151°12'E		
526	10Ed. 3/23/96 LAST NM 23/97	24/97			
	Delete Depth 630 fathoms 27 fathoms "Rep (1967)"		9°17'S 160°41'E 23°23'S 167°06'E		
	Add Depth 321 fathoms 199 fathoms "Rep (1981)" (13(1186)97 Taunton; 8(36)97 Brest)		9°18'S 160°37'E 8°34'S 160°08'E		
526	10Ed. 3/23/96 LAST NM 24/97	26/97			
	Delete Depth 1170 fathoms		27°15'S 177°13'W		
	Substitute Depth 284 fathoms for 372 fathoms		20°35'S 177°10'W		
	Add Depth 289 fathoms (16(138)97 Auckland)		27°13'S 177°18'W		
526	10Ed. 3/23/96 LAST NM 26/97	29/97			
	Add Depth 10 fathoms "Rep (1997)" (23(196)97 Auckland)		27°24'S 179°14'W		
526	10Ed. 3/23/96 LAST NM 29/97	50/97			
	Add Depth 58 fathoms "Rep (1977)" (20(549)97 Wollongong)		3°29'S 143°58'E		
526	10Ed. 3/23/96 LAST NM 50/97	5/98			
	Delete Dotted-line circle "Rf (rep 1955) (breaks)" (36(1640)97 Tokyo)		28°01'N 142°28'E		
526	10Ed. 3/23/96 LAST NM 5/98	26/98			
	Delete Depth 38 fathoms and legend "Volcanic...1990)"		25°53'S 177°09'W		
	Add Depth 3 fathoms with legend "Volcanic activity Rep (1998)" (GIMM016/98)		25°53'S 177°11'W		
526	10Ed. 3/23/96 LAST NM 26/98	52/99			
	Add Depth 69 meters [I10] Danger circle "Shoal Rep (1999)" [I4] (43(411), 44(418)99 Auckland)		22°32'S 161°19'E 19°50'S 176°05'W		
526	10Ed. 3/23/96 LAST NM 52/99	5/00			
	Delete R Bn (AERO) (BA RA)		17°30'S 149°30'W		
526	10Ed. 3/23/96 LAST NM 5/00	12/00			
	Relocate R Bn (AERO) from 28°12'N 177°18'W to 28°12'N 177°22'W (NOS)				
526	10Ed. 3/23/96 LAST NM 12/00	29/00			
	Add Depth 1990 fathoms "Rep (2000)" (PA) (NTM0013/2000)		20°34'N 159°23'W		
526	10Ed. 3/23/96 LAST NM 29/00	31/00			
	Add Depth 245 fathoms "Rep (2000)" (NTM0013/2000)		20°24'N 157°01'W		
526	10Ed. 3/23/96 LAST NM 31/00	32/00			
	Delete Legend "11 to 33 (1965)"		8°24'S 140°56'W		
	Substitute Depth 26 fathoms for 21 fathoms		7°55'S 140°58'W		
	Add Depth 14 fathoms (4(21)99 Brest)		8°22'S 140°54'W		
526	10Ed. 3/23/96 LAST NM 32/00	15/01			
	Substitute Depth 1/4 fathom for islet "Ile de Sable"		7°52'S 140°23'W		
	Add Depth 656 fathoms "Rep (2000)" [I3.2] Depth 323 fathoms "Sub vol" enclosed by danger circle (44(52)00 Brest; 42(4094)00 Taunton; NTM0013/2001)		5°53'N 165°22'W 14°13'S 169°04'W		
526	10Ed. 3/23/96 LAST NM 15/01	28/01			
	Delete Depth 14 fathoms 27°25'S 143°57'W Depth 28 fathoms 27°23'S 143°47'W Depth 20 fathoms "Rep (1972)" 27°43'S 143°18'W				
	Add Depth 16 fathoms (14(42)01 Brest)		27°26'S 144°01'W		
526	10Ed. 3/23/96 LAST NM 28/01	39/01			
	Delete Depth 186 fathoms		14°30'S 152°14'W		
	Add Depth 5 fathoms "Rep (2001)" [I3.2] (20(168, 169)01 Wellington)		15°57'S 175°39'E		
526	10Ed. 3/23/96 LAST NM 39/01	7/02			
	Substitute Depth 7 fathoms for 4 fathoms Depth 5 fathoms for 1 1/2 fathoms "Rep (1950)" (13(41)01 Brest)		8°05'S 139°38'W 8°42'S 140°48'W		
526	10Ed. 3/23/96 LAST NM 7/02	9/02			
	Change Legend to "Vol Act (2001)" (2(27)02 Wellington)		18°19'S 174°21'W		
526	10Ed. 3/23/96 LAST NM 9/02	12/02			
	Add Danger circle [K1] "Volcanic Activity Rep (2001)" (3(34)02 Wellington)		18°47'S 179°11'E		
526	10Ed. 3/23/96 LAST NM 12/02	18/02			
	Add Depth 385 fathoms 8°04'N 143°26'E Depth 314 fathoms 6°53'N 144°49'E (6(59)02 Wellington)				
526	10Ed. 3/23/96 LAST NM 18/02	47/02			
	Delete R Bn (AERO) 21°10'S 149°11'E R Bn (AERO) 16°51'S 145°48'E (BA RA)				
526	10Ed. 3/23/96 LAST NM 47/02	6/03			
	Delete Depth 10 fathoms 12°53'S 175°35'W				
	Add Depth 8 fathoms 12°57'S 175°40'W (47(4391)99 Taunton)				

526 10Ed. 3/23/96 LAST NM 6/03 26/04  
Relocate Superbuoy ODAS "51002" from 17°06'N 157°49'W to 17°09'N 157°47'W

Add Superbuoy ODAS [Q58] "PICO" Y, Fl Y 4s (Priv) 20°30'N 158°02'W  
(21/04 CG14; NTM0002/2004)

526 10Ed. 3/23/96 LAST NM 26/04 11/05  
Add "Restricted Area - Coastal shipping and dredging prohibited" bound by purple composite line [N2.1] joining 23°15'S 167°00'E  
23°15'S 169°00'E  
25°30'S 169°00'E  
25°30'S 167°00'E  
(23(33)04 Brest)

526 10Ed. 3/23/96 LAST NM 11/05 17/05  
Change Legend to "Restricted Area - Coastal shipping, trawling and dredging prohibited" 24°30'S 168°00'E  
(See 11/05-526)  
(16(159)04 Wellington)

526 10Ed. 3/23/96 LAST NM 17/05 20/05  
Delete R Bn (AERO) 15°10'N 145°48'E

Add Depth 424 fathoms 18°59'S 154°06'W  
Depth 327 fathoms 18°48'S 152°15'W  
(NOS; 17(167)04 Wellington)

526 10Ed. 3/23/96 LAST NM 20/05 21/05  
Add Depth 216 fathoms 15°17'S 135°08'W  
Depth 299 fathoms 23°32'S 135°34'W  
(19(179)04 Wellington)

526 10Ed. 3/23/96 LAST NM 21/05 26/05  
Delete Depth 15 fathoms "Rep (1945)" PA 23°34'S 154°15'E  
Danger circle "Breakers" 23°58'S 154°24'E

Add Depth 1686 fathoms "Rep (2004)" 15°22'N 160°54'E  
Depth 1830 fathoms "Rep (2004)" 16°01'N 170°51'E  
Depth 2170 fathoms "Rep (2004)" 19°01'N 134°33'W  
(NTM0025/2005; Aus CH 426)

526 10Ed. 3/23/96 LAST NM 26/05 33/05  
Substitute Depth 250 fathoms for 340 fathoms 21°44'N 158°38'W  
(NTM0013/2005)

526 10Ed. 3/23/96 LAST NM 33/05 34/05  
Add Depth 115 fathoms "Rep" [I4] 12°37'N 145°31'E  
Depth 239 fathoms "Rep" [I4] 13°41'N 145°30'E  
Depth 234 fathoms "Rep" [I4] 15°00'N 144°17'E  
(BA CH 764)

526 10Ed. 3/23/96 LAST NM 34/05 37/05  
Delete Depth 287 fathoms and legend "Rep (1978)" 18°12'S 153°57'W

Substitute Depth 252 fathoms for 164 fathoms 19°13'S 151°30'W  
Depth 197 fathoms for 230 fathoms 21°33'S 155°27'W

Add Depth 540 fathoms 20°47'S 150°48'W  
Depth 478 fathoms 23°17'S 149°54'W  
Depth 458 fathoms 21°48'S 151°30'W  
Depth 516 fathoms 21°15'S 150°44'W  
(16(147, 148)05 Wellington)

526 10Ed. 3/23/96 LAST NM 37/05 43/05  
Delete Depth 2220 fathoms 25°30'S 150°35'W

Add Depth 107 fathoms 25°31'S 150°30'W  
(19(181)05 Wellington)

526 10Ed. 3/23/96 LAST NM 43/05 46/05  
Substitute Depth 12 fathoms for 18 fathoms "Rep (1964)" 16°40'S 178°38'W  
(NTM0031/2005)

526 10Ed. 3/23/96 LAST NM 46/05 5/06  
Delete Depth 239 fathoms "Rep" 13°41'N 145°30'E  
(See 34/05-526)

Add Depth 309 fathoms "Rep" [I4] 15°38'N 148°31'E  
(NTM0007/2006; BA CH 764)

526 10Ed. 3/23/96 LAST NM 5/06 6/06  
Add Danger circle "Obstn" [K40] 9°10'S 153°17'E  
(NTM0009/2006)

526 10Ed. 3/23/96 LAST NM 6/06 9/06  
Add Danger circle "Obstn" [K40] 8°20'N 148°09'E  
(NTM0009/2006)

526 10Ed. 3/23/96 LAST NM 9/06 14/06  
Add Danger circle "Obstn" [K40] 7°17'N 145°44'E  
(NTM0009/2006)

526 10Ed. 3/23/96 LAST NM 14/06 20/06  
Substitute Depth 4 fathoms for 9 fathoms 16°05'S 173°50'W  
(42(51)04 Brest)

526 10Ed. 3/23/96 LAST NM 20/06 25/06  
Add Depth 20 fathoms enclosed by depth contour (100-fathom) centered 23°12'S 159°27'E  
(11(115)06 Wellington)

526 10Ed. 3/23/96 LAST NM 25/06 29/06  
Add Depth 1383 fathoms "Rep (2005)" 20°22'N 178°15'W  
Depth 2608 fathoms "Rep (2005)" 20°28'N 176°31'W  
Depth 1587 fathoms "Rep (2005)" 20°28'N 176°22'W  
Depth 2250 fathoms "Rep (2005)" 22°45'N 176°17'W  
Depth 1984 fathoms "Rep (2005)" 20°11'N 174°17'W  
Depth 1523 fathoms "Rep (2005)" 20°44'N 172°33'W  
Depth 1379 fathoms "Rep (2005)" 20°32'N 172°04'W  
Depth 840 fathoms (PD) 19°35'N 164°59'W  
(NTM0024/2006; US CH 19007)

526 10Ed. 3/23/96 LAST NM 29/06 32/07  
Delete Dangerous submerged rocks (2) and legend "Schjetman...1945)" in vicinity 16°08'N 178°58'W

Danger circle and legend "ED...1945)" 16°28'N 178°21'W  
(NTM0018/2007)

526 10Ed. 3/23/96 LAST NM 32/07 7/08  
Add Depth 359 fathoms "Rep (2007)" 1°17'N 159°57'W  
Depth 344 fathoms "Rep (2007)" 2°05'N 164°24'W  
Danger circle [K40] "Shoal Rep (2007)" 8°10'N 160°06'W  
(NTM0003/2008)

P 526 10Ed. 3/23/96 LAST NM 7/08 10/08  
Add Purple dashed line (reporting area outer limit) [N1.2] joining 29°00'N 176°23'W  
28°44'N 175°14'W  
27°01'N 173°26'W  
25°56'N 167°32'W  
24°50'N 165°59'W  
24°02'N 161°41'W

Purple dashed-line arc of a circle (reporting area outer limit) [N1.2], radius 60 miles, centered 23°03'N 161°55'W  
arc joining 24°02'N 161°41'W  
23°00'N 160°50'W  
22°05'N 162°08'W

Purple dashed line (reporting area outer limit) [N1.2] joining 22°05'N 162°08'W  
22°48'N 166°38'W  
24°04'N 168°28'W  
25°08'N 174°29'W  
27°06'N 176°36'W  
27°27'N 178°39'W

Legend "Particularly Sensitive Sea Area SEE CAUTION" along above limit 24°15'N 171°00'W

Purple dashed-line lesser arc of a circle (reporting area outer limit) [N1.2], radius 60 miles, centered 28°25'N 178°20'W  
arc joining 27°27'N 178°39'W  
29°00'N 179°14'W

Note: Area extends beyond chart border

(continued on next page)



<b>526</b>	(Continued)		52/08	
	Depth 204 fathoms for 222 fathoms	7°58'N 137°19'E		
	Add Depth 652 fathoms	13°57'N 157°36'E		
	Depth 703 fathoms	12°21'N 158°39'E		
	(NTM0026/2007)			
<b>526</b>	10Ed. 3/23/96 LAST NM 52/08		6/09	
	Add Depth 1501 fathoms	19°02'N 157°47'W		
	(NTM0003/2009)			
<b>526</b>	10Ed. 3/23/96 LAST NM 6/09		20/09	
	Add Danger circle [K1] "Volcanic Activity Rep (2001)"	14°36'S 168°58'W		
	(NZ CH 14605)			
<b>526</b>	10Ed. 3/23/96 LAST NM 20/09		22/09	
	Add Superbuoy ODAS [Q58] "51000" Y, Fl(4) Y 20s	23°28'N 154°00'W		
	Superbuoy ODAS [Q58] "51100" Y, Fl(4) Y 20s	23°33'N 153°54'W		
	Superbuoy ODAS [Q58] "51101" Y, Fl(4) Y 20s	24°19'N 162°03'W		
	(18/09 CG14)			
<b>526</b>	10Ed. 3/23/96 LAST NM 22/09		28/09	
	Add Wreck [K29]	23°03'N 160°27'W		
	Wreck [K29]	23°05'N 160°20'W		
	Wreck [K29]	23°01'N 159°53'W		
	Depth 1920 fathoms	20°04'N 157°00'W		
	(NTM0028/2009; NTM0032/2009)			
<b>526</b>	10Ed. 3/23/96 LAST NM 28/09		29/09	
	Delete Danger circle "Shoal rep (2007)"	23°15'S 159°35'E		
	R Bn (AERO)	16°44'N 169°32'W		
	Substitute Depth 215 fathoms for 222 fathoms	27°41'S 155°16'E		
	Depth 210 fathoms for 220 fathoms	27°58'S 155°37'E		
	Depth 169 fathoms for 177 fathoms	27°00'S 159°21'E		
	Depth 283 fathoms for 250 fathoms "Rep (1966)"	25°08'N 135°41'E		
	Add Depth 138 fathoms	23°24'S 159°50'E		
	Depth 635 fathoms	23°35'S 154°25'E		
	Depth 136 fathoms	26°41'S 159°22'E		
	Depth 401 fathoms	25°31'N 135°27'E		
	(NOS; NTM0011/2009)			
<b>526</b>	10Ed. 3/23/96 LAST NM 29/09		33/09	
	Add Depth 809 fathoms	22°37'S 154°34'E		
	Depth 796 fathoms	23°00'S 154°42'E		
	(NTM0011/2009)			
<b>526</b>	10Ed. 3/23/96 LAST NM 33/09		34/09	
	Add Wreck [K29]	23°38'N 160°47'W		
	(NTM0028/2009)			
<b>526</b>	10Ed. 3/23/96 LAST NM 34/09		35/09	
	Substitute Depth 27 fathoms for 25 fathoms and add legend "Northeast Bank"	14°03'S 170°05'W		
	Add Wreck [K29]	22°55'N 160°01'W		
	Wreck [K29]	22°59'N 160°10'W		
	Depth 21 fathoms	14°13'S 169°33'W		
	(NTM0028, 0037/2009)			
<b>526</b>	10Ed. 3/23/96 LAST NM 35/09		37/09	
	Add Wreck [K29]	14°55'N 147°48'E		
	(NTM0028/2009)			
<b>526</b>	10Ed. 3/23/96 LAST NM 37/09		38/09	
	Substitute Depth 6 fathoms "Shoal rep (2009)" for 8 fathoms "Rep (1945)"	16°30'N 143°09'E		
	Add Depth 711 fathoms	20°29'N 163°47'E		
	Depth 647 fathoms	22°57'N 175°37'E		
	(NTM0003/2009, NTM0011/2009)			
<b>526</b>	10Ed. 3/23/96 LAST NM 38/09		39/09	
	Add Legend "Wks" at wreck symbol	23°00'N 159°53'W		
	(NTM0028/2009)			
<b>526</b>	10Ed. 3/23/96 LAST NM 39/09		40/09	
	Add Wreck [K29]	23°02'N 160°03'W		
	Wreck [K29]	23°08'N 160°11'W		
	(NTM0028/2009)			
<b>526</b>	10Ed. 3/23/96 LAST NM 40/09		47/09	
	Delete Depth 250 fathoms	15°08'N 145°23'E		
	Add Dashed-line circle "Discol. water rep (1972)"	13°01'N 141°29'E		
	[Ke]			
	Depth 370 fathoms enclosed by depth contour (1000-fathom)	12°28'N 144°37'E		
	Depth 298 fathoms enclosed by broken depth contour	12°34'N 144°35'E		
	(US CH 81004, 81060; BA CH 764)			
<b>526</b>	10Ed. 3/23/96 LAST NM 47/09		7/10	
	Add "Shoal rep (2009)" area bound by dotted line joining	19°55'S 160°00'E 19°55'S 160°54'E 21°00'S 162°35'E 21°38'S 162°35'E 21°16'S 161°02'E 21°34'S 160°43'E		
	Depth 210 fathoms "Rep (2009)" [I3.2]	11°10'S 178°41'E		
	Depth 81 fathoms "Rep (2009)" [I3.2]	13°33'S 175°54'E		
	Depth 297 fathoms	23°24'S 176°41'W		
	(NTM0011/2009)			
<b>526</b>	10Ed. 3/23/96 LAST NM 7/10		18/10	
	Add Depth 717 fathoms	13°15'N 144°02'E		
	(NTM0001/2010)			
<b>526</b>	10Ed. 3/23/96 LAST NM 18/10		22/10	
	Relocate Superbuoy ODAS "51002" from	17°09'N 157°47'W to		
	Superbuoy ODAS "51004" from	17°28'N 152°32'W to		
	(18/10 CG14)			
<b>526</b>	10Ed. 3/23/96 LAST NM 22/10		5/11	
	Add Depth 654 fathoms "Rep (2010)"	13°24'N 143°55'E		
	(NTM0021/2010)			
<b>526</b>	10Ed. 3/23/96 LAST NM 5/11		10/11	
	Substitute Depth 198 fathoms for 216 fathoms	15°17'S 135°08'W		
	(NTM0010/2011)			
<b>526</b>	10Ed. 3/23/96 LAST NM 10/11		28/11	
	Delete Danger circle and legend "Shoal rep (2007)" centered	8°10'N 160°06'W		
	(NTM0020/2011)			
<b>526</b>	10Ed. 3/23/96 LAST NM 28/11		2/12	
	Delete AERO R Bn	6°36'S 147°50'E		
	AERO R Bn	6°44'S 147°00'E		
	(23(1181)11 Wollongong)			
<b>526</b>	10Ed. 3/23/96 LAST NM 2/12		12/12	
	Add Depth 286 fathoms	14°36'N 144°47'E		
	(NTM0008/2012)			
<b>526</b>	10Ed. 3/23/96 LAST NM 12/12		29/12	
	Add Depth 650 fathoms enclosed by dashed-line circle centered	24°06'S 155°22'E		
	(NTM0003/2012)			
<b>526</b>	10Ed. 3/23/96 LAST NM 29/12		41/13	
	Substitute Depth 165 fathoms for 51 fathoms	16°59'N 145°43'E		
	(NTM0008/2013)			



526	10Ed. 3/23/96	LAST NM 41/13	33/14		
	Substitute	Depth 5 fathoms, blue tint and enclosing dotted-line circle [I4] for danger circle centered	14°30'N 179°03'W		
		Note: Legend "Discolored...(1944)" remains (NTM0006/2014)			
526	10Ed. 3/23/96	LAST NM 33/14	49/14		
	Delete	Depth 25 fathoms and enclosing depth contour (50-fathom) in vicinity	10°15'N 140°43'E		
		Depth 654 fathoms "Rep (2010)"	13°24'N 143°55'E		
		Depth 234 fathoms "Rep"	15°00'N 144°17'E		
		Depth 129 fathoms "Rep (1970)"	14°17'N 141°41'E		
		(NTM0012/2014)			
526	10Ed. 3/23/96	LAST NM 49/14	49/16		
	Delete	Dashed-line circle and legend "Sub vol (rep 1983)" in vicinity	17°57'N 136°25'E		
		(NTM0002/2016)			
★526	10Ed. 3/23/96	LAST NM 49/16	24/18		
	Delete	Depth 359 fathoms "Rep (2007)"	1°17'N 159°57'W		
	Add	Depth 576 fathoms	1°18'N 159°57'W		
		(NTM0001/2018)			
★526	10Ed. 3/23/96	LAST NM 24/18	50/18		
	Delete	Buoy ODAS "NOAA PMEL DART"	20°32'N 157°50'W		
		(42/18 CG14)			
★526	10Ed. 3/23/96	LAST NM 50/18	6/19		
	Relocate	Superbuoy ODAS "51001" from	23°25'N 162°17'W to	24°27'N 162°00'W	
		(47/18 CG14)			
★526	10Ed. 3/23/96	LAST NM 6/19	11/19		
	Delete	Superbuoy ODAS "51100"	23°33'N 153°54'W		
		(7/19 CG14)			
★530	35Ed. 12/15	NEW EDITION (NOS)	8/16		
530	35Ed. 12/15	LAST NM 8/16	30/16		
	Add	Depth 876 fathoms enclosed by depth contour (1000-fathom) centered	39°57'N 135°44'W		
		(NTM0003/2016)			
530	35Ed. 12/15	LAST NM 30/16	32/16		
	Delete	Buoy (DART)	44°39'N 126°00'W		
		Buoy (DART)	44°48'N 126°00'W		
	Substitute	Buoy (DART) "46451" Y, Fl Y 4s for buoy "FS1"	44°49'N 125°42'W		
		Buoy (DART) "46452" Y, Fl Y 4s for buoy "FS2"	44°53'N 125°52'W		
		(11/16 CG13)			
530	35Ed. 12/15	LAST NM 32/16	52/16		
	Delete	HORN from light	47°54'N 124°39'W		
		(NOS)			
530	35Ed. 12/15	LAST NM 52/16	53/16		
	Delete	Legend "(exting)" from light	44°08'N 124°08'W		
		(48/16 CG13)			
★530	35Ed. 12/15	LAST NM 53/16	6/17		
	Delete	Superbuoy DART "46413"	48°40'N 174°34'W		
		Superbuoy DART "46402"	51°04'N 163°59'W		
	Change	Color of superbuoy DART "46403" to Y	52°38'N 156°55'W		
		Color of superbuoy DART "21414" to Y	48°56'N 178°18'E		
	Add	Superbuoy DART [Q58] "46413" Y, Fl(4) Y 20s	48°00'N 174°14'W		
		Superbuoy DART [Q58] "46402" Y, Fl(4) Y 20s	51°01'N 164°04'W		
		(9/16 CG17)			
530	35Ed. 12/15	LAST NM 6/17	14/17		
	Relocate	Superbuoy ODAS "46078" from	55°58'N 152°40'W to	55°33'N 152°38'W	
		(6/17 CG17)			
★530	35Ed. 12/15	LAST NM 14/17	37/17		
	Relocate	Buoy ODAS "46005" from	45°58'N 131°00'W to	46°08'N 131°04'W	
		(24/17 CG13)			
★530	35Ed. 12/15	LAST NM 37/17	48/17		
	Delete	Buoy "46451"	44°49'N 125°42'W		
		(35/17 CG13)			
★530	35Ed. 12/15	LAST NM 48/17	50/17		
	Relocate	Buoy "46001" from	56°20'N 147°57'W to	56°14'N 147°57'W	
		(35/17 CG17)			
★530	35Ed. 12/15	LAST NM 50/17	4/18		
	Add	Depth 1560 fathoms "Rep (2017)" enclosed by dotted-line circle [I3.2] centered	35°01'N 137°49'W		
		(NTM0001/2018)			
★530	35Ed. 12/15	LAST NM 4/18	18/18		
	Add	Danger circle [K1] "Subm buoy"	44°22'N 124°57'W		
		Danger circle [K1] "Subm buoy"	44°32'N 125°23'W		
		Danger circle [K1] "Subm buoy"	45°57'N 130°00'W		
		Danger circle [K1] "Subm buoy"	45°45'N 127°17'W		
		Danger circle [K1] "Subm buoy"	45°50'N 129°45'W		
		Danger circle [K1] "Subm buoy"	44°34'N 125°09'W		
		(6/18 CG13)			
★530	35Ed. 12/15	LAST NM 18/18	24/18		
	Delete	Depth 235 fathoms "Rep" and enclosing depth contour (1000-fathom) in vicinity	29°41'N 179°20'W		
		Depth 30 fathoms "Rep (1964)" (PA), blue tint and enclosing depth contours (100-fathom, 1000-fathom, and 2000-fathom) in vicinity	30°25'N 178°12'W		
		(NTM0001/2018)			
★530	35Ed. 12/15	LAST NM 24/18	39/18		
	Delete	Depth 1370 fathoms	39°01'N 131°01'W		
	Change	Range of light to 14M	60°14'N 146°38'W		
	Add	Depth 1017 fathoms	38°58'N 131°03'W		
		(33/18 CG17; NTM0001/2018)			
★530	35Ed. 12/15	LAST NM 39/18	50/18		
	Delete	Buoy "NOAA PMEL DART"	20°32'N 157°50'W		
		(42/18 CG14)			
★530	35Ed. 12/15	LAST NM 50/18	6/19		
	Relocate	Superbuoy ODAS "51001" from	23°27'N 162°16'W to	24°27'N 162°00'W	
		(47/18 CG14)			
★530	35Ed. 12/15	LAST NM 6/19	9/19		
	Relocate	Superbuoy ODAS "51000" from	23°33'N 154°03'W to	23°32'N 153°47'W	
		(6/19 CG14)			
★530	35Ed. 12/15	LAST NM 9/19	11/19		
	Delete	Superbuoy ODAS "51100"	23°34'N 153°53'W		
		(7/19 CG14)			
★530	35Ed. 12/15	LAST NM 11/19	12/19		
	Add	Danger circle "Unexploded ordnance" [Kp]	45°11'N 125°30'W		
		(9/19 CG13)			
★530	35Ed. 12/15	LAST NM 12/19	13/19		
	Add	Superbuoy DART [Q58] "46414" Y, Fl(4) Y 20s	53°44'N 152°29'W		
		(10/19 CG17)			

★531	25Ed. 7/15	CHART CANCELED (NOS)	24/18		
★532	17Ed. 2/3/96	NEW EDITION (DMA)	15/96		
532	17Ed. 2/3/96	LAST NM 15/96 Add Submarine cable joining	32/96	57°09'N 156°47'E 57°19'N 156°26'E 57°50'N 154°30'E	
		(24(1995)96 Taunton)			
532	17Ed. 2/3/96	LAST NM 32/96 Delete R Bn and legend "Consol Bn" (BA RA)	34/96	50°49'N 156°26'E	
532	17Ed. 2/3/96	LAST NM 34/96 Add Wreck (PA) (45/96 CG17)	50/96	56°49'N 162°36'W	
532	17Ed. 2/3/96	LAST NM 50/96 Relocate Superbuoy ODAS "46035" close SW to (GIMM021/99)	22/99	56°55'N 177°49'W	
532	17Ed. 2/3/96	LAST NM 22/99 Delete Depth 1 ¼ fathoms "(rep. 1851)" (ED) (NTM0055/2000)	4/01	64°15'N 178°01'W	
532	17Ed. 2/3/96	LAST NM 4/01 Delete R Bn R Bn (43(7170, 7171)00 St. Petersburg)	7/01	66°01'N 169°43'W 65°28'N 171°04'W	
532	17Ed. 2/3/96	LAST NM 7/01 Delete R Bn (44(7355)00 St. Petersburg)	13/01	65°04'N 172°06'W	
532	17Ed. 2/3/96	LAST NM 13/01 Add Wreck [K29] (32/01 CG17)	40/01	58°56'N 175°53'W	
532	17Ed. 2/3/96	LAST NM 40/01 Add Superbuoy ODAS [Q58] "46066" Y, Fl(4) Y 20s (NOS)	44/01	52°39'N 155°00'W	
532	17Ed. 2/3/96	LAST NM 44/01 Add Superbuoy ODAS [Q58] Y, Fl Y 4s Superbuoy ODAS [Q58] Y, Fl Y 4s (32/01 CG13)	5/02	50°27'N 165°02'W 52°34'N 157°10'W	
532	17Ed. 2/3/96	LAST NM 5/02 Delete R Bn (NOS)	17/02	57°09'N 170°16'W	
532	17Ed. 2/3/96	LAST NM 17/02 Delete Superbuoy ODAS "46035"  Add Superbuoy ODAS [Q58] "46072" Y, Fl(4) Y 20s (NTM0031/2002)	38/02	56°55'N 177°49'W  52°02'N 172°04'W	
532	17Ed. 2/3/96	LAST NM 38/02 Relocate Superbuoy ODAS "46066" from 52°39'N 155°00'W to	34/03	53°15'N 155°09'W	
		Add Superbuoy ODAS [Q58] "46035" Y, Fl(4) Y 20s (26/03 CG17)		57°03'N 177°35'W	
532	17Ed. 2/3/96	LAST NM 34/03 Relocate Superbuoy ODAS "46072" from 52°02'N 172°04'W to (NTM0022/2003)	50/03	51°38'N 172°09'W	
532	17Ed. 2/3/96	LAST NM 50/03 Delete R Bn (25(3965)03 St. Petersburg)	11/04	57°14'N 156°37'E	
532	17Ed. 2/3/96	LAST NM 11/04 Delete R Bn R Bn (34(5550, 5551)03 St. Petersburg)	15/04	64°24'N 172°15'W 64°20'N 173°34'W	
532	17Ed. 2/3/96	LAST NM 15/04 Delete R Bn (36(5870)03 St. Petersburg)	20/04	54°44'N 162°07'E	
532	17Ed. 2/3/96	LAST NM 20/04 Relocate Superbuoy ODAS "46066" from 53°15'N 155°09'W to	44/04	52°42'N 155°01'W	
		Add Superbuoy ODAS [Q58] "46071" Y, Fl(4) Y 20s (34/04 CG17; NTM0002/2004)		51°19'N 179°06'E	
532	17Ed. 2/3/96	LAST NM 44/04 Relocate Superbuoy ODAS "46071" from 51°19'N 179°06'E to (See 44/04-532) (20/05 CG17)	27/05	51°10'N 179°01'E	
532	17Ed. 2/3/96	LAST NM 27/05 Add Superbuoy ODAS [Q58] "46073" Y, Fl(4) Y 20s (NOS)	28/05	54°57'N 172°02'W	
532	17Ed. 2/3/96	LAST NM 28/05 Add Superbuoy DART [Q26] "21415" RW, Fl(4) Y 20s (31/07 CG17)	2/08	50°10'N 171°50'W	
532	17Ed. 2/3/96	LAST NM 2/08 Relocate Superbuoy ODAS "46066" from 52°42'N 155°01'W to (27/09 CG17)	32/09	52°44'N 154°58'W	
532	17Ed. 2/3/96	LAST NM 32/09 Relocate Superbuoy ODAS "46073" from 54°57'N 172°02'W to (38/09 CG17)	41/09	55°01'N 171°59'W	
★532	17Ed. 2/3/96	LAST NM 41/09 Delete Superbuoy DART "21415"  Add Superbuoy DART [Q58] "21415" Y, Fl(4) Y 20s (PA) Superbuoy DART [Q58] "46048" Y, Fl(4) Y 20s (PA) (45/09 CG17)	50/09	50°10'N 171°50'W  50°10'N 171°50'E 49°37'N 169°52'W	
532	17Ed. 2/3/96	LAST NM 50/09 Add "Depths to 6fms rep (2009)" area bound by dotted line joining	7/10	53°36'N 170°02'W 53°36'N 169°39'W 53°28'N 169°39'W 53°28'N 170°02'W	
		(NTM0011/2009)			
532	17Ed. 2/3/96	LAST NM 7/10 Add Dashed-line circle "Subm buoys (cov 24 fms)" 70°50'N 163°12'W Dashed-line circle "Subm buoys (cov 23 fms)" 71°13'N 164°14'W Dashed-line circle "Subm buoys (cov 23 fms)" 71°49'N 165°59'W (38/11 CG17)	42/11		
532	17Ed. 2/3/96	LAST NM 42/11 Change Legend to "Subm buoys (cov 20fms)" Legend to "Subm buoys (cov 19fms)" Legend to "Subm buoys (cov 19fms)" (See 42/11-532)	46/11	70°50'N 163°12'W 71°13'N 164°14'W 71°49'N 165°59'W	

(continued on next page)

<b>532</b>	(Continued)		46/11			Legend to "Subm buoy (cov 22fms)"	71°48'N 155°20'W
Add	Dashed-line circle "Subm buoy (cov 122fms)"					Add	Dashed-line circle "Subm buoy (cov 34fms)"
			72°28'N 157°24'W				Dashed-line circle "Subm buoy (cov 29fms)"
	Dashed-line circle "Subm buoy (cov 170fms)"						73°18'N 160°47'W
			72°48'N 158°24'W			(37/16 CG17)	
	Dashed-line circle "Subm buoy (cov 21fms)"					<b>532</b>	17Ed. 2/3/96 LAST NM 46/16
			71°44'N 155°11'W			Add	Dotted line circle "Subm buoy (cov 57fms)"
	Dashed-line circle "Subm buoy (cov 23fms)"						71°28'N 156°33'W
			71°40'N 155°00'W				Dotted line circle "Subm buoy (cov 21fms)"
	Dashed-line circle "Subm buoy (cov 20fms)"						68°02'N 168°50'W
			71°48'N 155°20'W			(37/16 CG17)	
(38, 42/11 CG17)						<b>532</b>	17Ed. 2/3/96 LAST NM 50/16
<b>532</b>	17Ed. 2/3/96 LAST NM 46/11		26/12			Add	Note
Add	Depth 48 fathoms						"NOTE
(NOS)			54°20'N 166°00'W				Ocean Data Acquisition System (ODAS) buoys
<b>532</b>	17Ed. 2/3/96 LAST NM 26/12		44/12				and Deep-ocean Assessment and Reporting of
Add	Danger circle "Obstn" [K40]						Tsunami (DART) buoys will no longer be
			71°00'N 163°41'W				maintained on this chart unless located in areas
	Dashed-line circle "Subm buoy (cov 10fms)"						where larger scale chart coverage is
			73°19'N 157°21'W				unavailable."
	Dashed-line circle "Subm buoy (cov 10fms)"						65°55'N 157°12'W
(38/12 CG17; NTM0009/12)			73°49'N 157°29'W			(NTM0008/2014)	
<b>532</b>	17Ed. 2/3/96 LAST NM 44/12		21/13			<b>532</b>	17Ed. 2/3/96 LAST NM 6/17
Delete	Depth 10 fathoms and enclosing depth contour					Change	Legend at dashed-line circle to "Subm buoy
	(10-fathom) centered						(cov 23fms)"
(NTM0004/2013)			65°24'N 168°30'W				72°28'N 155°24'W
<b>532</b>	17Ed. 2/3/96 LAST NM 21/13		43/13				Legend at dashed-line circle to "Subm buoy
Delete	"Depths to 6fms rep (2009)" area in vicinity						(cov 25fms)"
							(See 46/16-532)
(NTM0005/2013)			53°32'N 169°50'W			(46/16 CG17)	
<b>532</b>	17Ed. 2/3/96 LAST NM 43/13		51/13			<b>★532</b>	17Ed. 2/3/96 LAST NM 9/17
Delete	Depth 6 fathoms "Rep (1949)" and enclosing					Substitute	Depth 10 fathoms [I3.2] "Rep (2016)" enclosed
(NOS)	depth contour (10-fathom) centered						by dotted-line circle for 17 fathoms
			54°19'N 160°54'W			(NTM0005/2017)	66°51'N 168°12'W
<b>P 532</b>	17Ed. 2/3/96 LAST NM 51/13		44/15			<b>★540</b>	19Ed. 4/08 NEW EDITION
Change	Legend to "ALEUTIAN ISLANDS (Areas to					Change	Visibility (range) of light to 13M
	be Avoided - See Note)"					(NOS)	(Previously published 24/08)
			53°02'N 176°55'W				19°38'N 156°00'W
Add	Note					<b>540</b>	19Ed. 4/08 LAST NM 25/08
	"AREAS TO BE AVOIDED					Add	Depth 1501 fathoms
	The Aleutian Island chain contains areas to be					(NTM0003/2009)	19°02.3'N 157°47.6'W
	avoided by all ships (solely in transit) of 400					<b>540</b>	19Ed. 4/08 LAST NM 6/09
	gross tons or more to reduce the risk of a					Change	Buoy "DART II" to "DART 51407" RW,
	marine casualty, resulting pollution and						Fl(4) Y 20s
	damage to the environment. See Charts 16011,						19°38'N 156°31'W
	16012, 16013."					(10/09 CG14)	
	Note: The above Areas to be Avoided have					<b>540</b>	19Ed. 4/08 LAST NM 16/09
	been adopted by IMO and will become					Add	Superbuoy ODAS [Q58] "511000" Y,
	effective at 0001 GMT on 01 January 2016						Fl(4) Y 20s
(NTM0027/2015)							23°27.8'N 154°00.0'W
<b>532</b>	17Ed. 2/3/96 LAST NM 44/15		52/15				Superbuoy ODAS [Q58] "51101" Y,
Change	Legend to "ALEUTIAN ISLANDS (Areas to						Fl(4) Y 20s
	be Avoided - See Note)"						24°19.3'N 162°03.5'W
						(18/09 CG14)	
Add	Note					<b>540</b>	19Ed. 4/08 LAST NM 22/09
	"AREAS TO BE AVOIDED					Add	Wreck [K29]
	The Aleutian Island chain contains areas to be						23°03'N 160°27'W
	avoided by all ships (solely in transit) of 400						23°05'N 160°20'W
	gross tons or more to reduce the risk of a						23°01'N 159°53'W
	marine casualty, resulting pollution and					(NTM0028/2009)	
	damage to the environment. See Charts 16011,					<b>540</b>	19Ed. 4/08 LAST NM 27/09
	16012, 16013."					Add	Depth 1920 fathoms
	Note: The above Areas to be Avoided have						20°04.5'N 156°59.6'W
	been adopted by IMO					(NTM0032/2009)	
(Supersedes 44/15P-532)						<b>540</b>	19Ed. 4/08 LAST NM 28/09
(NTM0027/2015)						Delete	R Bn (AERO) and legend "LORAN TOWER"
<b>532</b>	17Ed. 2/3/96 LAST NM 52/15		28/16			(NOS)	16°44'N 169°32'W
Substitute	Depth 31 fathoms for 33 fathoms						
(NTM0003/2016)						<b>540</b>	19Ed. 4/08 LAST NM 29/09
<b>532</b>	17Ed. 2/3/96 LAST NM 28/16		46/16			Delete	Legend "SHIP ... note E)"
Change	Legend to "Subm buoy (cov 22fms)"						22°52'N 163°24'W
	Legend to "Subm buoy (cov 22fms)"						
			71°40'N 155°00'W				
			71°44'N 155°11'W				

(continued on next page)

540	(Continued)		30/09		
	Legend "SHIP ... note E)"	25°42'N 168°55'W			
	Legend "SHIP ... note E)"	27°23'N 174°33'W			
Change	Line 8 of NOTE E in right upper margin of chart to "emergency. See IMO SN.1, Circ. 273. Information concerning"				
	NOTE F in right upper margin of chart to "NOTE F"				
	The Areas to be Avoided and the Particularly Sensitive Sea Area have been charted in their true positions. The limits of the Papahānaumokuākea Marine National Monument have been slightly offset for clarity. The inner limit of the Ship Reporting System Area is co-linear with the outer limits of the Areas to be Avoided and is not depicted."				
(NOS)					
540	19Ed. 4/08 LAST NM 30/09		34/09		
Add	Wreck [K29]	23°38'N 160°47'W			
	(NTM0028/2009)				
540	19Ed. 4/08 LAST NM 34/09		35/09		
Add	Wreck [K29]	22°55'N 160°01'W			
	Wreck [K29]	22°59'N 160°10'W			
	(NTM0028/2009)				
540	19Ed. 4/08 LAST NM 35/09		39/09		
Add	Wreck [K29]	23°00'N 159°53'W			
	(NTM0028/2009)				
540	19Ed. 4/08 LAST NM 39/09		40/09		
Add	Wreck [K29]	23°02'N 160°03'W			
	Wreck [K29]	23°08'N 160°11'W			
	(NTM0028/2009)				
540	19Ed. 4/08 LAST NM 40/09		41/09		
Add	Submarine cable [L30.1] joining	21°03'N 157°29'W			
		21°02'N 157°03'W			
		21°04'N 157°00'W			
(NOS)					
540	19Ed. 4/08 LAST NM 41/09		42/09		
Change	Visibility (range) of light to 12M	19°44'N 156°04'W			
	Visibility (range) of light to 12M	20°57'N 156°19'W			
	(33, 38/09 CG14)				
★540	19Ed. 4/08 LAST NM 42/09		45/09		
Add	Depth 775 fathoms	8°19'N 159°53'W			
	Depth 705 fathoms	8°15'N 160°02'W			
	Depth 930 fathoms	15°02'N 173°12'W			
	Depth 977 fathoms	15°02'N 173°05'W			
	Depth 710 fathoms	11°00'N 170°50'W			
	(NTM0011/2009)				
540	19Ed. 4/08 LAST NM 45/09		46/09		
Change	Light to Fl 10M	21°28'N 157°46'W			
	(42/09 CG14)				
540	19Ed. 4/08 LAST NM 46/09		52/09		
Substitute	Buoy (mooring) (lighted) [Q41] Y, Fl Y 4s	22°40'N 157°57'W			
	(Priv) for buoy "B"				
	(47/09 CG14)				
540	19Ed. 4/08 LAST NM 52/09		1/10		
Change	Light to Fl 13M	19°38'N 156°00'W			
	(49/09 CG14)				
540	19Ed. 4/08 LAST NM 1/10		6/10		
Add	Buoy (mooring) [Q40] "MAH" (Priv)	21°20'N 158°11'W			
	(2/10 CG14)				
540	19Ed. 4/08 LAST NM 6/10		12/10		
Change	Line 5 of PROHIBITED AREAS note in left upper margin of chart to "Agency SD Pub 126."				
	(NTM0007/2010)				
540	19Ed. 4/08 LAST NM 12/10		22/10		
Relocate	Superbuoy ODAS "51002" from				
	17°11'N 157°47'W to				
	(18/10 CG14)	17°06'N 157°47'W			
540	19Ed. 4/08 LAST NM 22/10		23/10		
Delete	Danger circle and legend "Subm Buoys" in vicinity	20°53'N 157°14'W			
	(15/10 CG14)				
540	19Ed. 4/08 LAST NM 23/10		12/11		
Delete	Platform and legend "Platform"	21°20'N 158°12'W			
	(8/11 CG14)				
540	19Ed. 4/08 LAST NM 12/11		17/11		
Relocate	Superbuoy ODAS "51003" from				
	19°05'N 160°40'W to				
	(12/11 CG14)	19°21'N 160°37'W			
540	19Ed. 4/08 LAST NM 17/11		27/14		
Change	Visibility (range) of light to 9M	22°15'N 159°25'W			
	(19/14 CG14)				
540	19Ed. 4/08 LAST NM 27/14		32/14		
Delete	Light	21°34'N 158°16'W			
	(21/14 CG14)				
540	19Ed. 4/08 LAST NM 32/14		33/14		
Delete	Dashed-line circle and blue tint centered	14°31'N 179°00'W			
	Note: Legend "Discolored...(1944)" remains				
Add	Depth 5 fathoms, blue tint and enclosing dotted-line circle [14] centered	14°30'N 179°03'W			
	(NTM0006/2014)				
540	19Ed. 4/08 LAST NM 33/14		41/14		
Change	Visibility (range) of light to 10M	20°15'N 155°46'W			
	(36/14 CG14)				
540	19Ed. 4/08 LAST NM 41/14		43/14		
Change	Visibility (range) of light to 13M	21°13'N 156°58'W			
	(39/14 CG14)				
540	19Ed. 4/08 LAST NM 43/14		50/14		
Change	Visibility (range) of light to 9M	21°57'N 159°20'W			
	(45/14 CG14)				
540	19Ed. 4/08 LAST NM 50/14		9/15		
Delete	Light	20°30'N 156°40'W			
Change	Light to Fl 12M	19°51'N 155°05'W			
	(4, 5/15 CG14)				
540	19Ed. 4/08 LAST NM 9/15		29/16		
Delete	Depth 22 fathoms and legend "Shoal PA (Rep 1965)"	8°06'N 160°10'W			
	Danger circle and legend "Shoal PA (Rep 2007)" centered	8°10'N 160°06'W			
	(NTM0020/2011)				
★540	19Ed. 4/08 LAST NM 29/16		50/18		
Delete	Buoy ODAS "NOAA PMEL DART"	20°32'N 157°50'W			
	(42/18 CG14)				
★540	19Ed. 4/08 LAST NM 50/18		52/18		
Delete	Buoy (mooring)	22°40'N 157°57'W			
	(39/18 CG14)				
★540	19Ed. 4/08 LAST NM 52/18		6/19		
Relocate	Superbuoy ODAS "51001" from				
	23°27'N 162°17'W to				
	(47/18 CG14)	24°27'N 162°00'W			
★540	19Ed. 4/08 LAST NM 6/19		9/19		
Delete	Superbuoy ODAS "51000"	23°28'N 154°00'W			
	(6/19 CG14)				

★541	2Ed. 12/18/76 NEW EDITION (DMAHC)	8/77			
541	2Ed. 12/18/76 LAST NM 8/77 Add Danger circle "Shoal Rep (1977)" (14(843)77 Taunton)	22/77	7°47'S	170°23'W	
★541	2Ed. 12/18/76 LAST NM 22/77 Delete Submerged submarine transit lanes "ST-1" and ST-2, ST-4, ST-5, ST-6, ST-7, ST-8  Legends "SEE CAUTION"  Caution note (DMAHC)	40/77	22°00'N	157°30'W	
			20°37'N	154°18'W	
			19°40'N	159°30'W	
			13°05'N	173°25'W	
541	2Ed. 12/18/76 LAST NM 40/77 Add Depth 200 fathoms "Rep (1979)" (NVS6111/80)	21/80	5°24.0'S	173°56.6'W	
541	2Ed. 12/18/76 LAST NM 21/80 Add Depth 190 fathoms "Rep (1968)" (NVS6179/80)	32/80	2°40'S	174°04'W	
541	2Ed. 12/18/76 LAST NM 32/80 Add Depth 32 fathoms (NZ CH 4606)	41/80	14°12'S	170°57'W	
541	2Ed. 12/18/76 LAST NM 41/80 Add Depth 22 fathoms "Rep (1965)" (PA) (BA CH 782)	43/80	8°05'N	160°10'W	
541	2Ed. 12/18/76 LAST NM 43/80 Add R Bn (AERO) (Fr CH 6876)	39/81	13°14'S	176°10'W	
541	2Ed. 12/18/76 LAST NM 39/81 Add Depths 23 fathoms "Rep (1981)" (PA) 24 fathoms "Rep (1981)" (PA) (NVS6511, 6513/81)	43/81	13°43.6'S	171°35.3'W	
			13°58.3'S	171°19.1'W	
541	2Ed. 12/18/76 LAST NM 43/81 Add Depth 328 fathoms (3(33)82 Auckland)	12/82	14°58'S	172°12'W	
541	2Ed. 12/18/76 LAST NM 12/82 Delete Danger circle "Breakers Rep (1945)" (NVS6728/82)	35/82	1°58'S	174°51'W	
★541	2Ed. 12/18/76 LAST NM 35/82 Add Superbuoys, each ODAS, yellow, Fl(4) Y 20s "51002" "51003" "51004" (39, 46, 47/84 CG14)	52/84	17°11.4'N	157°49.8'W	
			19°11.0'N	160°49.2'W	
			17°31.9'N	152°37.1'W	
541	2Ed. 12/18/76 LAST NM 52/84 Add Depth 120 fathoms "Rep (1984)" (NVS7391/85)	19/85	9°29.4'N	160°58.0'W	
541	2Ed. 12/18/76 LAST NM 19/85 Delete Depths 23 fathoms "Rep (1981)" (PA) 18 fathoms "Rep (1963)"  Add Depths 172 fathoms 207 fathoms 448 fathoms (HNNM7671/86)	6/86	13°43.6'S	171°35.3'W	
			14°25.0'S	171°18.0'W	
			12°16.6'S	173°58.3'W	
			13°15.0'S	173°07.2'W	
			14°25.0'S	171°18.0'W	
541	2Ed. 12/18/76 LAST NM 6/86 Add Danger circle "Breakers (rep 1986)" (PA) (37(265)86 Auckland)	45/86	13°23'S	166°12'W	
541	2Ed. 12/18/76 LAST NM 45/86 Delete Danger circle "Sandbar Rep (1945)"  Change Legend to "Reef Rep (1954)"  Add Depth 12 fathoms "Rep (1986)" (MCNM7846/86)	52/86	0°47'S	174°44'W	
			0°55'S	175°06'W	
			1°46'S	174°39'W	
541	2Ed. 12/18/76 LAST NM 52/86 Add Depth 6 fathoms (MCNM8048/88)	7/88	1°38'N	173°03'W	
541	2Ed. 12/18/76 LAST NM 7/88 Add Depth 255 fathoms (MCNM8066/88)	11/88	21°54'N	159°56'W	
541	2Ed. 12/18/76 LAST NM 11/88 Add Depths 351 fathoms 350 fathoms 200 fathoms (MCNM8089, 8091/88)	19/88	2°05'N	164°26'W	
			0°43'S	170°37'W	
			0°59'S	170°40'W	
541	2Ed. 12/18/76 LAST NM 19/88 Substitute Depth 92 fathoms for 812 fathoms (MCNM8152/88)	43/88	2°52'N	158°46'W	
541	2Ed. 12/18/76 LAST NM 43/88 Delete Depths 39 fathoms "Rep (1961)" 15 fathoms 24 fathoms "Rep (1981)" (PA) (4(30)89 Auckland)	12/89	13°27'S	172°50'W	
			13°52'S	171°14'W	
			13°58'S	171°19'W	
541	2Ed. 12/18/76 LAST NM 12/89 Relocate Superbuoy ODAS "51004" (17°31.9'N 152°37.1'W) to (10/91 CG14)	22/91	17°32.3'N	152°28.7'W	
541	2Ed. 12/18/76 LAST NM 22/91 Relocate Superbuoy ODAS "51004" (17°32.3'N 152°28.7'W) to (See 22/91-541) (30/91 CG14)	34/91	17°26.1'N	152°20.4'W	
541	2Ed. 12/18/76 LAST NM 34/91 Relocate Superbuoy ODAS "51003" (19°11.0'N 160°49.2'W) to (MCNM1098/91)	36/91	19°15.5'N	160°47.3'W	
541	2Ed. 12/18/76 LAST NM 36/91 Relocate Superbuoy ODAS "51004" (17°26.1'N 152°20.4'W) to (See 34/91-541) (10/92 CG14)	13/92	17°26.1'N	152°30.4'W	
541	2Ed. 12/18/76 LAST NM 13/92 Add R Bn (AERO) (24(184)93 Auckland)	33/93	10°22'S	161°00'W	
541	2Ed. 12/18/76 LAST NM 33/93 Substitute Depth 14 fathoms for 17 fathoms and delete legend "unsurveyed" (NZ CH 14605)	21/95	12°32'S	174°21'W	
★541	2Ed. 12/18/76 LAST NM 21/95 Add Superbuoy ODAS "51028" Y, Fl(4) Y 20s (NTM0003/1999)	37/99	0°00'	153°53'W	
541	2Ed. 12/18/76 LAST NM 37/99 Add Depth 1990 fathoms "Rep (2000)" (PA) (NTM0013/2000)	29/00	20°34'N	159°23'W	

**541** 2Ed. 12/18/76 LAST NM 29/00 31/00  
 Add Depth 245 fathoms "Rep (2000)" 20°24'N 157°01'W  
 (NTM0013/2000)

**541** 2Ed. 12/18/76 LAST NM 31/00 15/01  
 Add Depth 656 fathoms "Rep (2000)" [I3.2] 5°53'N 165°22'W  
 Depth 323 fathoms "Sub vol" enclosed by  
 danger circle 14°13'S 169°04'W  
 (42(4094)00 Taunton; NTM0013/2001)

**541** 2Ed. 12/18/76 LAST NM 15/01 6/03  
 Substitute Depth 8 ½ fathoms for 10 fathoms 12°57'S 175°40'W  
 (47(4391)99 Taunton)

**541** 2Ed. 12/18/76 LAST NM 6/03 26/04  
 Relocate Superbuoy ODAS "51002" from 17°09'N 157°47'W  
 17°11'N 157°50'W to  
 Add Superbuoy ODAS [Q58] "PICO" Y, Fl Y 4s 20°30'N 158°02'W  
 (Priv) (21/04 CG14; NTM0002/2004)

**541** 2Ed. 12/18/76 LAST NM 26/04 16/05  
 Add Depth 473 fathoms "rep (2005)" 21°44'N 157°46'W  
 (NTM0013/2005)

**541** 2Ed. 12/18/76 LAST NM 16/05 33/05  
 Substitute Depth 250 fathoms for 340 fathoms 21°44'N 158°38'W  
 (NTM0013/2005)

**541** 2Ed. 12/18/76 LAST NM 33/05 16/06  
 Relocate Superbuoy ODAS "51002" from 17°09'N 157°47'W to  
 Superbuoy ODAS "51003" from 19°16'N 160°47'W to  
 (NTM0024/2006)

**541** 2Ed. 12/18/76 LAST NM 16/06 29/06  
 Add Depth 2608 fathoms "Rep (2005)" 20°28'N 176°31'W  
 Depth 1587 fathoms "Rep (2005)" 20°28'N 176°22'W  
 Depth 1984 fathoms "Rep (2005)" 20°11'N 174°17'W  
 Depth 1523 fathoms "Rep (2005)" 20°44'N 172°33'W  
 Depth 1379 fathoms "Rep (2005)" 20°32'N 172°04'W  
 Depth 790 fathoms (PD) 19°36'N 164°28'W  
 (NTM0024/2006; US CH 19007)

**541** 2Ed. 12/18/76 LAST NM 29/06 34/07  
 Delete R Bn (AERO) 10°22'S 161°00'W  
 (NTM0011/2007)

**541** 2Ed. 12/18/76 LAST NM 34/07 36/07  
 Relocate Superbuoy ODAS "51003" from 19°13'N 160°49'W to  
 19°05'N 160°40'W  
 (32/07 CG14)

**541** 2Ed. 12/18/76 LAST NM 36/07 7/08  
 Add "Depths to 359fms rep (2007)" area bound by  
 dashed-line circle, radius 6 miles, centered 1°17'N 159°57'W  
 "Depths to 344fms rep (2007)" area bound by  
 dashed-line circle, radius 7 miles, centered 2°05'N 164°24'W  
 Danger circle [K40] "Shoal rep (2007)", radius  
 14 miles, centered 8°10'N 160°06'W  
 (NTM0003/2008)

**P 541** 2Ed. 12/18/76 LAST NM 7/08 10/08  
 Add Purple composite-line lesser arc of a circle  
 (area to be avoided limit) [N2.1], radius 50  
 miles, centered 23°03'N 161°55'W  
 arc between 22°30'N 161°16'W  
 22°30'N 162°36'W  
 Purple dashed-line lesser arc of a circle  
 (reporting area outer limit) [N1.2], radius 60  
 miles, centered 23°03'N 161°55'W  
 arc between 22°30'N 161°02'W  
 22°05'N 162°08'W

Purple dashed line (reporting area outer limit)  
 [N1.2] between 22°05'N 162°08'W  
 22°30'N 164°24'W

Legend "AREA TO BE AVOIDED SEE  
 CAUTION" 22°22'N 161°55'W  
 Note: Area extends beyond chart border

Legend "PSSA Ship Reporting Area SEE  
 CAUTION" along above limit 22°25'N 163°15'W  
 Note: Area extends beyond chart border

CAUTION note  
 "CAUTION  
 All vessels solely in transit should avoid the  
 limits of the Papahānaumokuākea Particularly  
 Sensitive Sea Area (PSSA). For further  
 information about the PSSA Reporting Area,  
 see Chapter 2, U.S. Coast Pilot 7, and Chart  
 19016. (MSC IMO, 83rd Session, 2007)."  
 13°05'N 173°20'W  
 Note: The above Area to be Avoided has been  
 adopted by IMO and is effective at 0001 UTC 1  
 May 2008  
 (NTM0001/2008)

**541** 2Ed. 12/18/76 LAST NM 10/08 13/08  
 Add Depth 1269 fathoms 12°49'S 162°12'W  
 (25(233)07 Wellington)

**541** 2Ed. 12/18/76 LAST NM 13/08 14/08  
 Delete Buoy "PICO" 20°30'N 158°02'W  
 (10/08 CG14)

**541** 2Ed. 12/18/76 LAST NM 10/08 17/08  
 Add Purple composite-line lesser arc of a circle  
 (area to be avoided limit) [N2.1], radius 50  
 miles, centered 23°03'N 161°55'W  
 arc between 22°30'N 161°16'W  
 22°30'N 162°36'W

Legend "AREA TO BE AVOIDED SEE  
 CAUTION" 22°22'N 161°55'W  
 Note: Area extends beyond chart border

Purple dashed-line lesser arc of a circle  
 (reporting area outer limit) [N1.2], radius 60  
 miles, centered 23°03'N 161°55'W  
 arc between 22°30'N 161°02'W  
 22°05'N 162°08'W

Purple dashed line (reporting area outer limit)  
 [N1.2] between 22°05'N 162°08'W  
 22°30'N 164°24'W

Legend "PSSA Ship Reporting Area SEE  
 CAUTION" along above limit 22°25'N 163°15'W  
 Note: Area extends beyond chart border

CAUTION note  
 "CAUTION  
 All vessels solely in transit should avoid the  
 limits of the Papahānaumokuākea Particularly  
 Sensitive Sea Area (PSSA). For further  
 information about the PSSA Reporting Area,  
 see Chapter 2, U.S. Coast Pilot 7, and Chart  
 19016. (MSC IMO, 83rd Session, 2007)."  
 13°05'N 173°20'W  
 Note: The above Area to be Avoided has been  
 adopted by IMO  
 (Supersedes 10/08P-541)  
 (NTM0001/2008)

**541** 2Ed. 12/18/76 LAST NM 17/08 33/08  
 Add Buoy ODAS [Q58] "NOAA PMEL DART",  
 conical, Fl Y 4s (Priv) 20°32'N 157°50'W  
 (11/08 CG14)

**541** 2Ed. 12/18/76 LAST NM 33/08 6/09  
 Add Depth 1501 fathoms 19°02'N 157°47'W  
 (NTM0003/2009)

**541** 2Ed. 12/18/76 LAST NM 6/09 20/09  
 Add Danger circle [K1] "Volcanic Activity Rep  
 (2001)" 14°36'S 168°58'W  
 (NZ CH 14605)

541	2Ed. 12/18/76	LAST NM 20/09	28/09		
	Add	Depth 1920 fathoms (NTM0032/2009)	20°04'N 157°00'W		
541	2Ed. 12/18/76	LAST NM 28/09	29/09		
	Delete	R Bn (AERO) and legend "LORAN TOWER" (NOS)	16°44'N 169°32'W		
541	2Ed. 12/18/76	LAST NM 29/09	35/09		
	Substitute	Depth 27 fathoms for 28 fathoms and add legend "Northeast Bank"  Depth 21 fathoms for 25 fathoms (NTM0037/2009)	14°03'S 170°05'W  14°13'S 169°33'W		
541	2Ed. 12/18/76	LAST NM 35/09	45/09		
	Add	Depth 775 fathoms Depth 705 fathoms (NTM0011/2009)	8°19'N 159°53'W 8°15'N 160°02'W		
541	2Ed. 12/18/76	LAST NM 45/09	18/10		
	Add	Depth 38 fathoms "Rep (2010)" (NTM0011/2010)	20°45'N 156°39'W		
541	2Ed. 12/18/76	LAST NM 18/10	22/10		
	Relocate	Superbuoy ODAS "51002" from 17°11'N 157°47'W to Superbuoy ODAS "51004" from 17°26'N 152°30'W to (18/10 CG14)	17°06'N 157°47'W 17°32'N 152°23'W		
541	2Ed. 12/18/76	LAST NM 22/10	17/11		
	Relocate	Superbuoy ODAS "51003" from 19°05'N 160°40'W to (12/11 CG14)	19°21'N 160°37'W		
541	2Ed. 12/18/76	LAST NM 17/11	28/11		
	Delete	Danger circle and legend "Shoal rep (2007)" centered (NTM0020/2011)	8°10'N 160°06'W		
541	2Ed. 12/18/76	LAST NM 28/11	46/12		
	Delete	Depth 38 fathoms "Rep 2010" (NTM0008/2012)	20°45'N 156°39'W		
541	2Ed. 12/18/76	LAST NM 46/12	31/13		
	Add	Depth 1929 meters "Rep (2012)" enclosed by dotted-line circle centered [I3.2] (NTM0015/2013)	3°20'N 176°08'W		
541	2Ed. 12/18/76	LAST NM 31/13	46/14		
	Delete	Islet Note: Legend "Howland I (30)" remains  Islet Note: Legend "Baker I (20)" remains	0°48'N 176°39'W  0°13'N 176°29'W		
	Add	Islet (Howland) [K10] centered Islet (Baker) [K10] centered (US CH 83116)	0°48'N 176°37'W 0°12'N 176°29'W		
★541	2Ed. 12/18/76	LAST NM 46/14	24/18		
	Delete	"Depths to 359fms rep (2007)" area centered	1°17'N 159°57'W		
	Add	Depth 576 fathoms (NTM0001/2018)	1°18'N 159°57'W		
★541	2Ed. 12/18/76	LAST NM 24/18	50/18		
	Delete	Buoy ODAS "NOAA PMEL DART" (42/18 CG14)	20°32'N 157°50'W		
★541	2Ed. 12/18/76	LAST NM 50/18	9/19		
	Relocate	Superbuoy ODAS "51004" from 17°32'N 152°23'W to (6/19 CG14)	17°36'N 152°22'W		
★550	7Ed. 2/9/85	NEW EDITION	17/85		
	Delete	Depths 27 fathoms 30 fathoms (PA)	19°02'N 113°53'E 20°01'N 113°52'E		
	Change	Line 16 of cautions note to "5. The islands bound by 9°40'N 121°12'E, 9°48'N 121°12'E, 9°48'N"	24°12'N 108°50'E		
	Add	Depth 30 fathoms (PA) (DMAHTC; 17(77)82 China)	20°01'N 113°45'E		
550	7Ed. 2/9/85	LAST NM 17/85	19/85		
	Add	Depths 293 fathoms "Rep (1985)" (PA) 265 fathoms "Rep (1984)" (PA) 279 fathoms "Rep (1984)" (PA) (NVS7392, 7449/85)	24°10.6'N 122°37.3'E 24°16.0'N 122°42.3'E 24°34.0'N 122°53.5'E		
550	7Ed. 2/9/85	LAST NM 19/85	21/85		
	Add	Legend "CAUTION NO 6" between  Caution No 6 to cautions note "6. Sandwave peaks were recorded at soundings of 52 feet below sea level between 23°18'N 118°12'E and 22°54'N 117°48'E (1985)." (14(132)85 Tokyo)	23°18'N 118°12'E 22°54'N 117°48'E  24°00'N 107°48'E		
550	7Ed. 2/9/85	LAST NM 21/85	31/85		
	Add	Depth 8 fathoms 4 feet "Rep (1985)" (20(1347)85 Taunton)	23°14.2'N 118°12.0'E		
550	7Ed. 2/9/85	LAST NM 31/85	33/85		
	Delete	Depths 470 fathoms 9 fathoms 5 feet "Rep (1946)"	8°20'N 109°50'E 25°33'N 126°12'E		
	Add	Depths 10 fathoms 5 feet 13 fathoms 7 fathoms 3 feet 37 fathoms 53 fathoms 9 fathoms 4 feet (27(825)85 Tokyo; 24(1610)85 Taunton)	8°06'N 104°44'E 7°42'N 106°30'E 7°22'N 109°00'E 8°09'N 108°51'E 8°21'N 109°53'E 7°16'N 109°42'E		
550	7Ed. 2/9/85	LAST NM 33/85	36/85		
	Add	Depths 17 fathoms 18 fathoms 15 fathoms 17 fathoms 14 fathoms 13 fathoms 16 fathoms 10 fathoms 5 feet 9 fathoms 5 feet (29(1905)85 Taunton)	8°49.4'N 108°26.0'E 8°46.5'N 108°17.6'E 8°39.0'N 108°05.4'E 8°35.2'N 108°13.1'E 8°28.9'N 107°50.0'E 8°20.7'N 107°35.0'E 8°14.2'N 107°49.1'E 9°24.5'N 108°22.4'E 8°19.7'N 106°34.7'E		
550	7Ed. 2/9/85	LAST NM 36/85	37/85		
	Add	Depth 62 fathoms (29(1911)85 Taunton)	24°33'N 122°14'E		
550	7Ed. 2/9/85	LAST NM 37/85	50/85		
	Delete	R Bn (AERO)	23°57'N 121°34'E		
	Add	Light and R Bn (Twn CH 351; BA RA)	24°00.5'N 121°38.5'E		
550	7Ed. 2/9/85	LAST NM 50/85	7/86		
	Delete	Depth 89 fathoms (HNNM7679/86)	7°21'N 113°15'E		
550	7Ed. 2/9/85	LAST NM 7/86	13/86		
	Add	Depth 11 fathoms (PA) (50(3346)85 Taunton)	25°27.7'N 121°54.3'E		

550 7Ed. 2/9/85 LAST NM 13/86 15/86  
Delete Depths  
32 fathoms 25°49'N 126°34'E  
12 fathoms "(rep 1957)" (PD) 25°56'N 127°20'E  
24 fathoms "Rep (1964)" 25°43'N 126°36'E  
(6(148)86 Tokyo; Jpn CH 1004A; 16(104)85 Cna)

550 7Ed. 2/9/85 LAST NM 15/86 16/86  
Add Depth 10 fathoms 2 feet 7°28.0'N 100°54.0'E  
Legend "Ko Losin Island is located  
8 miles ESE of charted position." 7°10.0'N 102°07.0'E  
(Thai CH 206)

550 7Ed. 2/9/85 LAST NM 16/86 19/86  
Add Depth 20 fathoms "Rep (1962)" 7°14'N 116°22'E  
(BA CH 967)

550 7Ed. 2/9/85 LAST NM 19/86 27/86  
Add R Bn at lights 20°00'N 110°56'E  
20°54'N 110°37'E  
(6(38)86 China)

550 7Ed. 2/9/85 LAST NM 27/86 29/86  
Add Depth 22 fathoms 21°10.4'N 120°52.3'E  
(NVS7382/85)

550 7Ed. 2/9/85 LAST NM 29/86 31/86  
Add Depth 142 fathoms (PA) 9°08.3'N 111°50.2'E  
(MCNM7783/86)

550 7Ed. 2/9/85 LAST NM 31/86 2/87  
Add Depth 12 fathoms "Rep (1986)" 25°39'N 122°33'E  
(39(2836)86 Taunton)

550 7Ed. 2/9/85 LAST NM 2/87 4/87  
Add Depth 10 fathoms 5 feet (PA) 12°16.5'N 113°07.0'E  
(19(20)85 Brest)

550 7Ed. 2/9/85 LAST NM 4/87 14/87  
Add Depth 76 fathoms 10°10.0'N 121°34.0'E  
(Jpn CH 1608)

550 7Ed. 2/9/85 LAST NM 14/87 20/87  
Delete R Bns (AERO) 22°46'N 121°07'E  
22°59'N 120°12'E  
24°48'N 120°56'E  
Add Dangerous wreck 22°23'N 117°35'E  
Light symbols 25°58'N 131°17'E  
24°03'N 123°48'E  
24°27'N 122°56'E  
24°28'N 123°00'E  
24°26'N 124°05'E  
24°28'N 123°50'E  
24°43'N 125°28'E  
24°56'N 125°15'E  
(MCNM7934/87; Jpn CH 1206, 1004A; US RA)

550 7Ed. 2/9/85 LAST NM 20/87 41/87  
Delete R Bn (AERO) 8°26'N 99°58'E  
(BA RA)

550 7Ed. 2/9/85 LAST NM 41/87 40/88  
Delete Depths  
14 fathoms 11°27'N 121°24'E  
15 fathoms 12°25'N 121°53'E  
168 fathoms 14°02'N 114°23'E  
Substitute Depths  
591 fathoms 59 fathoms 11°00'N 126°02'E  
1800 fathoms for 800 fathoms 13°27'N 115°46'E  
Add Depth 168 fathoms 14°01'N 115°22'E  
Legends  
"Dreyer Bank" 14°00'N 115°40'E  
"(ED)" to  
depth 90 fathoms 15°54'N 115°08'E  
(MCNM8116/88)

550 7Ed. 2/9/85 LAST NM 40/88 51/88  
Delete Depths  
10.5 fathoms 25°20'N 130°03'E  
8 fathoms 25°26'N 120°08'E  
9.5 fathoms 25°27'N 120°28'E  
5 fathoms "Rep (1923)" 25°49'N 120°39'E  
Dotted-line circle and blue tint 25°53'N 120°27'E  
(13(73)87 Tianjin; Cna CH 9201)

550 7Ed. 2/9/85 LAST NM 51/88 7/90  
Add Depth 6 fathoms 2 feet Rk 9°57.8'N 99°55.4'E  
(7(160)89 Bangkok)

550 7Ed. 2/9/85 LAST NM 7/90 39/90  
Substitute Depth 64 fathoms "Rep (1989)" for  
70 fathoms 9°55'N 109°56'E  
Add Depth 65 fathoms "Rep (1989)" 9°51'N 109°50'E  
(MCNM1021/90)

550 7Ed. 2/9/85 LAST NM 39/90 40/90  
Add Depth 17 fathoms 20°06.0'N 121°50.0'E  
(17(1316)90 Taunton)

550 7Ed. 2/9/85 LAST NM 40/90 6/91  
Add Depth 16 fathoms 7°15'N 103°04'E  
(36(49)90 Brest)

550 7Ed. 2/9/85 LAST NM 6/91 13/91  
Add Depth 233 fathoms "Rep (1990)" 8°16.0'N 109°38.0'E  
(MCNM1079/91)

550 7Ed. 2/9/85 LAST NM 13/91 21/92  
Add Depth 58 fathoms "Rep (1991)" 16°07'N 112°43'E  
(7(496)92 Taunton)

550 7Ed. 2/9/85 LAST NM 21/92 17/93  
Add R Bn 22°05'N 121°30'E  
(11/93 Tso-ying)

550 7Ed. 2/9/85 LAST NM 17/93 33/93  
Add Depth 4 fathoms "Rep (1992)" 7°14.0'N 108°57.0'E  
(MCC1265/93)

550 7Ed. 2/9/85 LAST NM 33/93 4/95  
Add Depth 85 fathoms "Rep (1994)" 15°29.2'N 113°11.3'E  
(MCC1306/94)

550 7Ed. 2/9/85 LAST NM 4/95 24/95  
Add Depth  
164 fathoms 9°00'N 115°28'E  
86 fathoms 10°05'N 120°08'E  
310 fathoms 8°22'N 119°32'E  
(15(1278, 1279)95 Taunton)

550 7Ed. 2/9/85 LAST NM 24/95 27/95  
Add R Bn (AERO) 10°55.2'N 108°06.5'E  
(BA RA; BA CH 3986)

550 7Ed. 2/9/85 LAST NM 27/95 28/95  
Substitute Depth 78 fathoms "Rep (1994)" for  
85 fathoms "Rep (1994)" for 15°29'N 113°11'E  
(See 4/95-550)  
(MCC034/95)

550 7Ed. 2/9/85 LAST NM 28/95 45/95  
Add Depth  
299 fathoms 9°08'N 119°50'E  
150 fathoms 9°05'N 119°43'E  
(38(3142)95 Taunton)

550 7Ed. 2/9/85 LAST NM 45/95 47/95  
Change Line 1 of Caution No. 1 to  
"The area enclosed by the dashed line  
defining DANGEROUS GROUND" 25°18'N 107°50'E

(continued on next page)



550	(Continued)		47/95		
Add	Purple dashed line (limit of dangerous ground) joining	12°00'N 117°50'E 10°25'N 117°50'E 7°30'N 115°25'E 7°30'N 111°30'E 8°40'N 111°30'E 12°00'N 114°50'E			
	(BA CH 2660B)				
550	7Ed. 2/9/85 LAST NM 47/95		50/95		
Delete	Depth	5 fathoms 5 fathoms	16°18'N 115°08'E 16°12'N 114°56'E		
	(MCC034/95)				
550	7Ed. 2/9/85 LAST NM 50/95		8/96		
Add	Dangerous wreck (PA)	9°21.7'N 107°58.0'E			
	(4(269)96 Taunton)				
550	7Ed. 2/9/85 LAST NM 8/96		15/96		
Delete	Light symbol	11°28'N 114°23'E			
Add	Light symbol	11°26'N 114°22'E 7°33'N 109°42'E 7°33'N 109°48'E 7°55'N 109°57'E 7°48'N 110°28'E 8°09'N 110°35'E 8°02'N 110°37'E 7°52'N 111°44'E 8°39'N 111°38'E 8°50'N 112°11'E			
	(33(62)94, 49(43, 46)95 Brest; 6(504)96 Taunton)				
550	7Ed. 2/9/85 LAST NM 15/96		26/96		
Delete	R Bn (AERO)	13°42'N 100°37'E			
Add	R Bn (AERO)	12°40'N 101°00'E			
	(BA RA; BA CH 3965)				
550	7Ed. 2/9/85 LAST NM 26/96		39/96		
Add	Light symbol	16°34'N 107°37'E 16°53'N 107°12'E 20°08'N 107°43'E 21°23'N 108°00'E			
	(24(46)96 Brest)				
550	7Ed. 2/9/85 LAST NM 39/96		51/96		
Add	Depth 24 fathoms	7°36.3'N 108°30.0'E			
	(43(3560)96 Taunton)				
550	7Ed. 2/9/85 LAST NM 51/96		28/97		
Add	Light symbol with Racon	20°15.4'N 106°35.7'E 7°53.8'N 112°55.1'E			
	(GIMM047/96; 12(1065)97 Taunton)				
550	7Ed. 2/9/85 LAST NM 28/97		30/97		
Add	Light symbol	21°14'N 107°58'E			
	(GIMM047/96)				
550	7Ed. 2/9/85 LAST NM 30/97		42/97		
Delete	Depth 5 fathoms 1 foot "Rep (1960)" (PD), enclosing depth contour (10-fathom) and blue tint in vicinity	16°20'N 109°23'E			
	Depths 5 fathoms "rep (1960)" (PD), 7 fathoms "rep (1964)" (PD), enclosing depth contour (10-fathom) and blue tint in vicinity	16°10'N 109°16'E			
	(GIMM048/97)				
550	7Ed. 2/9/85 LAST NM 42/97		14/98		
Delete	Depth	400 fathoms "Rep (1965)" 204 fathoms "Rep (1976)"	20°27'N 118°05'E 20°29'N 117°58'E		
Add	Depth 198 fathoms	20°29'N 117°59'E			
	(GIMM011/98)				
550	7Ed. 2/9/85 LAST NM 14/98		2/99		
Substitute	Depth 241 fathoms for 261 fathoms "Rep (1971)"	16°52'N 114°50'E			
Add	Depth 404 fathoms	16°45'N 114°37'E			
	(5(329)98 Taunton)				
550	7Ed. 2/9/85 LAST NM 2/99		4/99		
Delete	Depth	560 fathoms 575 fathoms 950 fathoms	8°46'N 109°29'E 8°41'N 109°35'E 9°19'N 112°12'E		
Add	Depth	293 fathoms 293 fathoms 359 fathoms 250 fathoms 117 fathoms 259 fathoms	8°47'N 109°27'E 8°34'N 109°38'E 8°40'N 109°55'E 8°14'N 110°55'E 9°19'N 112°15'E 8°41'N 112°26'E		
	(12(1032)98 Taunton)				
550	7Ed. 2/9/85 LAST NM 4/99		8/99		
Add	Depth 14 fathoms "Rep (1998)"	24°01'N 123°35'E			
	(GIMM007/99)				
550	7Ed. 2/9/85 LAST NM 8/99		35/99		
Add	Dangerous wreck "Rep (1998)"	23°15'N 117°55'E			
	(3(29)99 Tianjin)				
550	7Ed. 2/9/85 LAST NM 17/00		42/01		
Add	Rock awash [K12] "Rep (1999)" (PA)	9°03'N 108°17'E			
	(NTM0013/2001)				
550	7Ed. 2/9/85 LAST NM 42/01		18/02		
Delete	R Bn (AERO)	10°55'N 108°06'E			
	(BA RA)				
550	7Ed. 2/9/85 LAST NM 18/02		24/02		
Add	Depth 9 fathoms 5 feet "Rep (2002)" [I3.2]	7°12'N 108°37'E			
	(18(1833)02 Taunton)				
550	7Ed. 2/9/85 LAST NM 24/02		45/02		
Delete	Dangerous submerged rock (ED)	9°50'N 116°36'E			
	Dangerous submerged rock (ED)	9°47'N 116°41'E			
	Dangerous submerged rock (ED)	9°45'N 116°44'E			
Substitute	Depth 202 fathoms for 2350 fathoms	11°33'N 113°21'E			
	Depth 147 fathoms for 2164 fathoms	11°11'N 113°54'E			
Add	Danger circle [K1]	11°48'N 117°50'E			
	Danger circle [K1]	11°43'N 117°34'E			
	Depth 18 fathoms	11°01'N 114°01'E			
	Depth 281 fathoms	10°13'N 112°50'E			
	Depth 108 fathoms	10°07'N 112°58'E			
	(36(3833, 3834)02 Taunton)				
550	7Ed. 2/9/85 LAST NM 45/02		6/03		
Delete	Racon from light	20°10'N 110°41'E			
	(9(134)02 Tianjin)				
550	7Ed. 2/9/85 LAST NM 6/03		44/04		
Add	Dangerous wreck [K28]	25°56'N 120°48'E			
	Dangerous wreck [K28]	23°31'N 119°23'E			
	(34(886), 37(962)04 Tokyo)				
550	7Ed. 2/9/85 LAST NM 44/04		52/04		
Delete	Depth 8 fathoms 4 feet	21°35'N 120°34'E			
	Depth 11 fathoms	21°20'N 121°19'E			
	(43(1107)04 Tokyo)				
550	7Ed. 2/9/85 LAST NM 52/04		9/05		
Delete	Depth 11 fathoms	21°32'N 121°16'E			
Substitute	Depth 73 fathoms for 13 fathoms	21°28'N 120°42'E			
	"Rep (1981) PA"				
	(30(782)04 Tokyo)				



<b>600</b> (INT 600)	5Ed. 1/8/94	LAST NM 14/94	33/94	
Add	Superbuoy ODAS with light flare symbol	42°47'S 170°04'E		
	(26(202)94 Auckland)			
<b>600</b> (INT 600)	5Ed. 1/8/94	LAST NM 33/94	9/95	
Delete	Light symbol	34°10'S 172°08'E		
	(4(44)95 Auckland)			
<b>600</b> (INT 600)	5Ed. 1/8/94	LAST NM 9/95	21/95	
Delete	Depth			
	310 meters "(1982)"	28°36'S 177°45'W		
	25 meters	37°33'S 178°52'E		
	Solid line between	37°28'S 178°48'E		
	(NZ CH 14605)	37°33'S 178°52'E		
<b>600</b> (INT 600)	5Ed. 1/8/94	LAST NM 21/95	22/95	
Substitute	Depth 31 meters for 73 meters	46°35'S 165°53'E		
	(18(151)95 Auckland)			
<b>600</b> (INT 600)	5Ed. 1/8/94	LAST NM 22/95	34/95	
Delete	Light symbol	45°07'S 170°59'E		
	(26(211, 212)95 Auckland)	40°31'S 172°42'E		
<b>600</b> (INT 600)	5Ed. 1/8/94	LAST NM 34/95	40/95	
Substitute	Islet for dangerous submerged rock	43°31'S 176°55'W		
Add	Depth			
	303 meters	33°42'S 167°16'E		
	42 meters	47°24'S 167°48'E		
	(32(249), 33(261)95 Auckland)			
<b>600</b> (INT 600)	5Ed. 1/8/94	LAST NM 40/95	46/95	
Delete	R Bn at light	46°39'S 168°26'E		
	(38(295)95 Auckland)			
<b>600</b> (INT 600)	5Ed. 1/8/94	LAST NM 46/95	13/96	
Add	Legend "(ED)" to depth 153 meters	36°10'S 173°27'E		
	(7(71)96 Auckland)			
<b>600</b> (INT 600)	5Ed. 1/8/94	LAST NM 13/96	22/96	
Delete	R Bn (AERO) (PA)	41°45'S 171°34'E		
	(BA RA)			
<b>600</b> (INT 600)	5Ed. 1/8/94	LAST NM 22/96	25/96	
Substitute	Depth 88 meters "(1996)" for 115 meters	29°34'S 178°01'W		
	(16(148)96 Auckland)			
<b>600</b> (INT 600)	5Ed. 1/8/94	LAST NM 25/96	33/96	
Delete	Light	39°06'S 178°00'E		
	(25(220)96 Auckland)			
<b>600</b> (INT 600)	5Ed. 1/8/94	LAST NM 33/96	44/96	
Relocate	Superbuoy ODAS (42°47'S 170°04'E) to	42°42'S 170°08'E		
	(38(318)96 Auckland)			
<b>600</b> (INT 600)	5Ed. 1/8/94	LAST NM 44/96	51/96	
Delete	R Bn at light	35°55'S 175°07'E		
	(44(366)96 Auckland)			
<b>600</b> (INT 600)	5Ed. 1/8/94	LAST NM 51/96	29/98	
Delete	Depth			
	320 meters	38°05'S 179°05'E		
	244 meters	38°10'S 178°53'E		
Add	Depth			
	291 meters	40°50'S 171°08'E		
	980 meters	37°52'S 179°01'E		
	860 meters	37°42'S 179°11'E		
	170 meters	38°07'S 178°54'E		
	273 meters	38°07'S 179°03'E		
	(19(172), 22(195)98 Auckland)			
<b>600</b> (INT 600)	5Ed. 1/8/94	LAST NM 29/98	1/99	
Delete	Depth 5 meters	43°36'S 176°36'W		
	Substitute Depth 20 meters for 13 meters	43°38'S 176°47'W		
	(46(392)98 Auckland)			
<b>600</b> (INT 600)	5Ed. 1/8/94	LAST NM 1/99	10/99	
Add	Depth			
	168 meters	28°40'S 167°50'E		
	112 meters	28°40'S 167°55'E		
	219 meters	28°40'S 168°00'E		
	(GIMM006/99)			
<b>600</b> (INT 600)	5Ed. 1/8/94	LAST NM 10/99	14/99	
Delete	Light symbol	44°13'S 176°13'W		
	(GIMM011/99)			
<b>600</b> (INT 600)	5Ed. 1/8/94	LAST NM 14/99	16/99	
Substitute	Depth 666 meters for 1119 meters	47°47'S 178°55'W		
Add	Depth 112 meters	47°39'S 179°39'E		
	(8(101)99 Auckland)			
<b>600</b> (INT 600)	5Ed. 1/8/94	LAST NM 16/99	29/99	
Delete	Depth 168 meters	28°40'S 167°50'E		
	Depth 112 meters	28°40'S 167°55'E		
	Depth 219 meters	28°40'S 168°00'E		
	(Cancels 10/99-600)			
	(GIMM006/99)			
<b>600</b> (INT 600)	5Ed. 1/8/94	LAST NM 29/99	34/99	
Delete	Depth 1961 meters	45°38'S 165°53'E		
	(22(225)99 Auckland)			
<b>600</b> (INT 600)	5Ed. 1/8/94	LAST NM 34/99	4/01	
Delete	Depth 112 meters	29°40'S 167°52'E		
	(10(291)99 Wollongong)			
<b>600</b> (INT 600)	5Ed. 1/8/94	LAST NM 4/01	13/01	
Delete	Depth 662 meters	47°36'S 179°29'W		
Substitute	Depth 831 meters for 975 meters	47°22'S 179°49'W		
Add	Depth 361 meters	48°10'S 179°37'W		
	Depth 590 meters	47°38'S 179°27'W		
	(34(320)99 Wellington)			
<b>600</b> (INT 600)	5Ed. 1/8/94	LAST NM 13/01	16/01	
Add	Depth 433 meters	38°30'S 169°08'E		
	(50(468)99 Wellington)			
<b>600</b> (INT 600)	5Ed. 1/8/94	LAST NM 16/01	29/01	
Add	Depth 192 meters, blue tint and enclosing depth contour (200-meter) centered	51°10'S 165°32'E		
	(1(21)00 Wellington)			
<b>600</b> (INT 600)	5Ed. 1/8/94	LAST NM 29/01	45/03	
Delete	Depth 36 meters "(1986)" (PD), dotted-line circle area and blue tint centered	31°59'S 166°55'E		
	(19(125)03 Wellington)			
<b>600</b> (INT 600)	5Ed. 1/8/94	LAST NM 45/03	9/05	
Add	Wreck [K29]	41°44'S 174°58'E		
	(2(29)04 Wellington)			
<b>600</b> (INT 600)	5Ed. 1/8/94	LAST NM 9/05	12/05	
Add	Wreck [K29]	40°32'S 173°10'E		
	(9(89)04 Wellington)			
<b>600</b> (INT 600)	5Ed. 1/8/94	LAST NM 12/05	24/05	
Add	Wreck [K29]	34°38'S 172°33'E		
	(25(219)04 Wellington)			
<b>600</b> (INT 600)	5Ed. 1/8/94	LAST NM 24/05	30/05	
Delete	Legend "(1967)"	30°23'S 168°06'E		
Substitute	Depth 228 meters for 349 meters	30°23'S 167°56'E		
	Depth 375 meters for 557 meters	30°07'S 171°18'E		
	(3(35)05 Wellington)			

**600** (INT 600) 5Ed. 1/8/94 LAST NM 30/05 1/06  
Delete Depth 1315 meters 30°25'S 174°16'E  
Substitute Depth 26 meters for 42 meters 47°24'S 167°48'E  
Add Danger circle "Obstn" [K40] 46°39'S 178°32'E  
Danger circle "Obstn" [K40] 49°35'S 179°57'E  
Danger circle "Obstn" [K40] 50°16'S 180°00'  
Depth 90 meters 47°38'S 167°29'E  
Depth 99 meters 48°42'S 166°44'E  
Depth 200 meters 50°40'S 167°42'E  
Depth 168 meters 50°44'S 167°21'E  
Depth 462 meters 52°41'S 173°36'E  
Depth 559 meters 30°27'S 174°17'E  
Depth 635 meters 29°53'S 174°06'E  
Depth 99 meters 47°43'S 167°35'E  
Depth 99 meters 47°37'S 167°38'E  
(34(4043)05 Taunton)

**600** (INT 600) 5Ed. 1/8/94 LAST NM 1/06 6/06  
Delete Depth 1187 meters 36°19'S 178°06'E  
Add Depth 350 meters enclosed by depth contour  
(1000-meter) 36°19'S 178°02'E  
(25(234)05 Wellington)

**600** (INT 600) 5Ed. 1/8/94 LAST NM 6/06 10/06  
Delete Light symbol 39°22'S 176°55'E  
(3(32)06 Wellington)

**600** (INT 600) 5Ed. 1/8/94 LAST NM 10/06 16/06  
Delete Depth 145 meters "(1982)" and danger circle 32°06'S 167°46'E  
Depth 25 meters "(1993)" and danger circle 32°25'S 167°35'E  
Depth 46 meters "(1956)" and danger circle 32°17'S 166°55'E  
Depth 16 meters "(1982) ED" and danger circle 32°09'S 167°21'E  
Depth 276 meters 31°49'S 167°50'E  
Substitute Depth 475 meters for 58 meters Obstn 32°06'S 168°05'E  
Depth 95 meters for 140 meters "(1969)" 31°42'S 167°50'E  
(26(248)05 Wellington)

**600** (INT 600) 5Ed. 1/8/94 LAST NM 16/06 33/06  
Delete Light symbol and legend "C. Saunders" 45°53'S 170°44'E  
(14(145)06 Wellington)

**600** (INT 600) 5Ed. 1/8/94 LAST NM 33/06 33/07  
Add Depth 566 meters enclosed by dashed-line  
circle 29°33.0'S 179°47.0'W  
Depth 682 meters enclosed by dashed-line  
circle 33°28.0'S 179°36.5'W  
(NTM0011/2007)

**600** (INT 600) 5Ed. 1/8/94 LAST NM 33/07 35/07  
Substitute Depth 871 meters enclosed by  
dashed-line circle for 1150 meters 48°43'S 177°41'E  
Depth 958 meters enclosed by  
dashed-line circle for 1203 meters 47°56'S 170°02'E  
Add Depth 810 meters enclosed by  
dashed-line circle 39°46'S 167°15'E  
Depth 973 meters enclosed by  
dashed-line circle 35°00'S 169°56'E  
Depth 1520 meters 41°44'S 166°30'E  
(NTM0011/2007)

**600** (INT 600) 5Ed. 1/8/94 LAST NM 35/07 36/07  
Substitute Depth 499 meters for 618 meters 42°58'S 174°49'E  
Add Depth 493 meters 42°52'S 176°13'E  
Depth 348 meters 43°26'S 174°11'E  
(NTM0011/2007)

**600** (INT 600) 5Ed. 1/8/94 LAST NM 36/07 37/07  
Add Depth 112 meters, blue tint and enclosing  
depth contour (200-meter) centered 29°40'S 167°52'E  
(NTM0011/2007)

**600** (INT 600) 5Ed. 1/8/94 LAST NM 37/07 39/07  
Add Depth 123 meters 50°27'S 165°41'E  
Depth 1691 meters 36°02'S 179°28'E  
(NTM0011/2007)

**600** (INT 600) 5Ed. 1/8/94 LAST NM 39/07 40/07  
Add Depth 123 meters, blue tint and enclosing  
depth contour (200-meter) centered 50°27'S 165°41'E  
(Supersedes 39/07-600)  
Depth 1691 meters 36°02'S 179°28'E  
(NTM0011/2007)

**600** (INT 600) 5Ed. 1/8/94 LAST NM 40/07 3/08  
Add Depth 351 meters 43°28'S 175°25'W  
Depth 253 meters 44°11'S 175°16'W  
Depth 2509 meters 45°50'S 175°32'W  
(NTM0011/2007)

**600** (INT 600) 5Ed. 1/8/94 LAST NM 3/08 22/08  
Add Depth 866 meters 30°02'S 172°54'E  
Depth 640 meters 30°37'S 173°02'E  
Depth 1327 meters 31°24'S 176°57'E  
(NTM0011/2007)

**600** (INT 600) 5Ed. 1/8/94 LAST NM 22/08 13/09  
Add Depth 36 meters Obstn [K41] 39°39'S 173°18'E  
(16(160)06 Wellington)

**\*600** (INT 600) 5Ed. 1/8/94 LAST NM 13/09 7/10  
Add "Shoal rep (2009)" area bound by dotted line  
joining 45°41'S 166°21'E  
46°42'S 166°21'E  
47°15'S 165°46'E  
46°39'S 165°27'E  
"Shoal rep (2009)" area bound by dotted line  
joining 48°19'S 166°11'E  
48°10'S 166°21'E  
48°47'S 166°21'E  
48°38'S 166°11'E  
"Shoal rep (2009)" area bound by dotted line  
joining 49°00'S 166°19'E  
49°00'S 170°00'E  
53°00'S 170°00'E  
53°00'S 167°45'E  
52°04'S 165°19'E  
51°19'S 165°16'E  
"Depths to 297m rep (2009)" area bound by  
chart border and dashed line joining 49°24'S 164°00'E  
49°12'S 164°12'E  
49°12'S 164°26'E  
49°28'S 164°27'E  
49°53'S 164°02'E  
49°49'S 164°00'E  
Note: Area extends beyond chart border  
"Depths to 441m rep (2009)" area bound by  
dashed line joining 50°54'S 164°33'E  
50°57'S 164°41'E  
51°07'S 164°41'E  
51°11'S 164°33'E  
Depth 635 meters 33°24'S 179°43'W  
(NTM0011/2009)

**600** (INT 600) 5Ed. 1/8/94 LAST NM 7/10 10/11  
Delete "Depths to 297m rep (2009)" area in vicinity 49°30'S 164°12'E  
Add Depth 97 meters "Rep (2011)", blue tint and  
enclosing depth contour (200-meter) centered 49°30'S 164°10'E  
(NTM0010/2011)

**600** (INT 600) 5Ed. 1/8/94 LAST NM 10/11 40/12  
Add Danger circle [K1] "Volcanic Activity (2012)" 30°57'S 179°08'W  
(19(157)12 Wellington)

★601 (INT 601)	4Ed. 11/4/95	NEW EDITION	10/96	
Delete RC at light			46°39'S 168°25'E	
		RC (AERO)	34°00'S 150°57'E	
			34°34'S 150°46'E	
			37°36'S 149°44'E	
		(DMA; BA RA)		
601 (INT 601)	4Ed. 11/4/95	LAST NM	10/96	13/96
Add Legend "(ED)" to depth 153 meters			36°10'S 173°27'E	
			(7(71)96 Auckland)	
601 (INT 601)	4Ed. 11/4/95	LAST NM	13/96	22/96
Delete R Bn (AERO) (PA)			41°45'S 171°34'E	
			(BA RA)	
601 (INT 601)	4Ed. 11/4/95	LAST NM	22/96	44/96
Relocate Superbuoy ODAS close N to			42°42'S 170°08'E	
			(38(318)96 Auckland)	
601 (INT 601)	4Ed. 11/4/95	LAST NM	44/96	51/96
Delete RC at light			35°55'S 175°07'E	
			(44(366)96 Auckland)	
601 (INT 601)	4Ed. 11/4/95	LAST NM	51/96	15/97
Substitute Depth 14 meters for			40°24'S 144°05'E	
			dangerous submerged rock	
			(3(81)97 Wollongong)	
601 (INT 601)	4Ed. 11/4/95	LAST NM	15/97	29/98
Add Depth 291 meters			40°50'S 171°08'E	
			(22(195)98 Auckland)	
601 (INT 601)	4Ed. 11/4/95	LAST NM	29/98	34/99
Delete Depth 1961 meters			45°38'S 165°53'E	
			(22(225)99 Auckland)	
601 (INT 601)	4Ed. 11/4/95	LAST NM	34/99	48/99
Add Depth 631 meters [I10]			43°55'S 150°28'E	
			(21(591)99 Wollongong)	
601 (INT 601)	4Ed. 11/4/95	LAST NM	48/99	16/01
Add Depth 433 meters			38°30'S 169°08'E	
			(50(468)99 Wellington)	
601 (INT 601)	4Ed. 11/4/95	LAST NM	16/01	14/02
Delete Depth 29 meters, blue tint and enclosing			38°56'S 147°59'E	
			danger circle	
			(1(59)02 Wollongong)	
601 (INT 601)	4Ed. 11/4/95	LAST NM	14/02	6/03
Delete Submarine cable between			34°02'S 151°31'E	
			34°03'S 151°42'E	
			33°56'S 151°23'E	
			33°58'S 151°44'E	
			33°55'S 151°23'E	
			34°53'S 151°48'E	
			(24(761)02 Wollongong)	
601 (INT 601)	4Ed. 11/4/95	LAST NM	6/03	8/03
Add Light symbol			43°38'S 146°52'E	
			(15(435)99 Wollongong)	
601 (INT 601)	4Ed. 11/4/95	LAST NM	8/03	27/03
Substitute Depth 15 meters, blue tint and enclosing depth			37°45'S 149°44'E	
			contour (30-meter) for 9 meters	
			(9(313)03 Wollongong)	
601 (INT 601)	4Ed. 11/4/95	LAST NM	27/03	38/03
Add Submarine cable [L30.1] between			38°39'S 145°42'E	
			40°45'S 145°18'E	
			(15(497)03 Wollongong)	
601 (INT 601)	4Ed. 11/4/95	LAST NM	38/03	12/05
Add Wreck [K29]			40°32'S 173°10'E	
			(9(89)04 Wellington)	
601 (INT 601)	4Ed. 11/4/95	LAST NM	12/05	24/05
Add Wreck [K29]			34°38'S 172°32'E	
			(25(219)04 Wellington)	
601 (INT 601)	4Ed. 11/4/95	LAST NM	24/05	1/06
Substitute Depth 26.5 meters for 42 meters			47°22.7'S 167°50.7'E	
			47°38.2'S 167°28.7'E	
			48°42.0'S 166°44.0'E	
			47°43.0'S 167°34.4'E	
			(34(4043)05 Taunton)	
601 (INT 601)	4Ed. 11/4/95	LAST NM	1/06	33/06
Delete Light symbol and legend "C. Saunders"			45°53'S 170°44'E	
			(14(145)06 Wellington)	
601 (INT 601)	4Ed. 11/4/95	LAST NM	33/06	24/07
Delete Depth 60 meters R			41°22'S 144°21'E	
			41°49'S 144°24'E	
			42°41'S 144°51'E	
			(NTM0011/2007)	
601 (INT 601)	4Ed. 11/4/95	LAST NM	24/07	10/08
Add Buoy RW, can, Fl Y 3s			46°56'S 160°28'E	
			(23(209)07 Wellington)	
601 (INT 601)	4Ed. 11/4/95	LAST NM	10/08	13/09
Add Depth 36 meters Obstr [K41]			39°39'S 173°18'E	
			(16(160)06 Wellington)	
★601 (INT 601)	4Ed. 11/4/95	LAST NM	13/09	4/10
Add "Depths to 90m rep (2009)" area bound by			36°33'S 156°20'E	
			dashed-line circle, radius 7 miles, centered	
			(NTM0011/2009)	
★601 (INT 601)	4Ed. 11/4/95	LAST NM	4/10	7/10
Add "Depths to 571m rep (2009)" area bound by			33°30'S 163°33'E	
			33°37'S 163°33'E	
			34°10'S 162°53'E	
			34°10'S 162°14'E	
			33°30'S 162°14'E	
			Note: Area extends beyond chart border	
			"Shoal rep (2009)" area bound by dotted line	
			joining	
			45°41'S 166°21'E	
			46°42'S 166°21'E	
			47°15'S 165°46'E	
			46°39'S 165°27'E	
			"Shoal rep (2009)" area bound by dotted line	
			joining	
			48°19'S 166°11'E	
			48°10'S 166°21'E	
			48°47'S 166°21'E	
			48°38'S 166°11'E	
			"Shoal rep (2009)" area bound by chart border	
			and dotted line joining	
			49°29'S 165°50'E	
			49°00'S 166°19'E	
			49°00'S 170°00'E	
			49°29'S 170°00'E	
			Note: Area extends beyond chart border	
			"Depths to 297m rep (2009)" area bound by	
			chart border and dashed line joining	
			49°29'S 163°55'E	
			49°12'S 164°12'E	
			49°12'S 164°26'E	
			49°29'S 164°27'E	
			Note: Area extends beyond chart border	
			(NTM0011/2009)	
601 (INT 601)	4Ed. 11/4/95	LAST NM	7/10	36/11
Add Depth 110 meters Wk [K26]			36°13'S 150°17'E	
			(15(728)11 Wollongong)	
601 (INT 601)	4Ed. 11/4/95	LAST NM	36/11	28/17
Delete "Depths to 297m rep (2009)" area in vicinity			49°22'S 164°15'E	
			(NTM0004/2017)	

★602 (INT 602) 6Ed. 2/3/96 NEW EDITION 18/96  
 Substitute Danger circle "Submarine volcano  
 (1996)" for depth 70 meters 20°59'S 170°17'E  
 (DMA; 11(940)96 Taunton)

602 (INT 602) 6Ed. 2/3/96 LAST NM 18/96 22/96  
 Delete Depth 75 meters 21°08'S 167°33'E

Substitute Depth 50 meters for 66 meters 21°03'S 167°44'E  
 (5(44)96 Brest)

602 (INT 602) 6Ed. 2/3/96 LAST NM 22/96 50/96  
 Add Depth  
 300 meters 24°04'S 168°34'E  
 304 meters 17°32'S 169°23'E  
 530 meters 19°13'S 164°54'E  
 29 meters 20°56'S 161°40'E

Danger circle (ED) 22°06'S 159°45'E  
 (34(38)96 Brest)

602 (INT 602) 6Ed. 2/3/96 LAST NM 50/96 17/97  
 Delete Danger circle (ED) 22°06'S 159°45'E  
 (See 50/96-602)  
 (4(98)97 Wollongong)

602 (INT 602) 6Ed. 2/3/96 LAST NM 17/97 23/97  
 Substitute Depth 6.2 meters for 10 meters 16°48'S 150°10'E  
 (5(117)97 Wollongong)

602 (INT 602) 6Ed. 2/3/96 LAST NM 23/97 24/97  
 Delete Depth 49 meters 23°24'S 167°06'E  
 (8(36)97 Brest)

602 (INT 602) 6Ed. 2/3/96 LAST NM 24/97 25/98  
 Add Depth 115 meters 24°16'S 166°56'E  
 (49(43)97 Brest)

602 (INT 602) 6Ed. 2/3/96 LAST NM 25/98 2/99  
 Substitute Depth 120 meters for 190 meters 20°59'S 170°22'E  
 (39(30)98 Brest)

602 (INT 602) 6Ed. 2/3/96 LAST NM 2/99 10/99  
 Add Depth  
 168 meters 28°40'S 167°50'E  
 112 meters 28°40'S 167°55'E  
 219 meters 28°40'S 168°00'E  
 (GIMM006/99)

602 (INT 602) 6Ed. 2/3/96 LAST NM 10/99 29/99  
 Delete Depth 168 meters 28°40'S 167°50'E  
 Depth 112 meters 28°40'S 167°55'E  
 Depth 219 meters 28°40'S 168°00'E  
 (Cancels 10/99-602)  
 (GIMM006/99)

602 (INT 602) 6Ed. 2/3/96 LAST NM 29/99 47/99  
 Add Danger circle "Shoal Rep (1999)" 22°11'S 171°10'E  
 (27(2499)99 Taunton; NTM0034/1999)

602 (INT 602) 6Ed. 2/3/96 LAST NM 47/99 50/99  
 Substitute Depth 9 meters [I10] for 6 meters 20°08'S 149°29'E  
 (22(604)99 Wollongong)

602 (INT 602) 6Ed. 2/3/96 LAST NM 50/99 52/99  
 Add Depth 69 meters [I10] 22°32'S 161°19'E  
 (43(411)99 Auckland)

602 (INT 602) 6Ed. 2/3/96 LAST NM 52/99 4/01  
 Delete Depth 112 meters 29°40'S 167°52'E  
 (10(291)99 Wollongong)

602 (INT 602) 6Ed. 2/3/96 LAST NM 4/01 28/01  
 Add Light symbol with Racon 17°08'S 152°08'E  
 (23(647)99 Wollongong)

602 (INT 602) 6Ed. 2/3/96 LAST NM 28/01 12/02  
 Add Danger circle [K1] "Volcanic Activity Rep  
 (2001)" 18°47'S 179°11'E  
 (3(34)02 Wellington)

602 (INT 602) 6Ed. 2/3/96 LAST NM 12/02 47/02  
 Delete RC (Aero) at light 30°18'S 153°07'E  
 RC (Aero) 32°49'S 151°51'E  
 RC (Aero) at light 28°10'S 153°30'E  
 RC (Aero) 21°10'S 149°11'E  
 (BA RA)

602 (INT 602) 6Ed. 2/3/96 LAST NM 47/02 6/03  
 Delete Submarine cable between 34°02'S 151°31'E  
 34°03'S 151°42'E

Submarine cable between 33°56'S 151°23'E  
 33°58'S 151°44'E

Submarine cable between 33°55'S 151°23'E  
 34°53'S 151°48'E  
 (24(761)02 Wollongong)

602 (INT 602) 6Ed. 2/3/96 LAST NM 6/03 38/03  
 Delete Depth 36 meters, blue tint and enclosing  
 dotted-line circle 32°00'S 166°57'E  
 (13(421)03 Wollongong)

602 (INT 602) 6Ed. 2/3/96 LAST NM 38/03 7/05  
 Substitute Depth 15 meters for 16 meters 22°37'S 152°40'E  
 (24(977)04 Wollongong)

602 (INT 602) 6Ed. 2/3/96 LAST NM 7/05 11/05  
 Add "Restricted Area - Coastal shipping and  
 dredging prohibited" bound by purple  
 composite line [N2.1] joining 23°15.0'S 167°00.0'E  
 23°15.0'S 169°00.0'E  
 25°30.0'S 169°00.0'E  
 25°30.0'S 167°00.0'E  
 (23(33)04 Brest)

602 (INT 602) 6Ed. 2/3/96 LAST NM 11/05 17/05  
 Change Legend to "Restricted Area - Coastal shipping,  
 trawling and dredging prohibited" 24°30'S 168°00'E  
 (See 11/05-602)  
 (16(159)04 Wellington)

602 (INT 602) 6Ed. 2/3/96 LAST NM 17/05 24/05  
 Add Wreck [K29] 34°38'S 172°33'E  
 (25(219)04 Wellington)

602 (INT 602) 6Ed. 2/3/96 LAST NM 24/05 29/05  
 Delete Depth 696 meters and enclosing  
 depth contour (1000-meter) centered 25°23'S 169°01'E

Depth 830 meters 23°30'S 167°06'E

Add Depth 621 meters enclosed by  
 depth contour (1000-meter) 25°16'S 168°55'E

Depth 477 meters 23°33'S 167°19'E  
 (2(26)05 Wellington)

602 (INT 602) 6Ed. 2/3/96 LAST NM 29/05 30/05  
 Substitute Depth 228 meters for 349 meters 30°23'S 167°54'E  
 Depth 375 meters for 557 meters 30°07'S 171°18'E  
 (3(35)05 Wellington)

602 (INT 602) 6Ed. 2/3/96 LAST NM 30/05 39/05  
 Add Dashed-line circle with blue tint [Ke]  
 "Discol water (2000)" 20°14'S 176°41'E  
 (NTM0016/2005)

602 (INT 602) 6Ed. 2/3/96 LAST NM 39/05 1/06  
 Delete Depth 1315 meters 30°25.0'S 174°16.0'E

Add Depth 559 meters 30°27.0'S 174°17.0'E  
 Depth 635 meters 29°53.0'S 174°06.0'E  
 (34(4043)05 Taunton)

<b>602</b> (INT 602)	6Ed. 2/3/96	LAST NM 1/06	16/06		33°23'S 156°20'E
Delete	Depth 145 meters and danger circle	32°04'S 167°47'E			33°23'S 156°00'E
	Depth 25 meters and danger circle	32°26'S 167°36'E		(NTM0009/2007)	
	Depth 294 meters	32°18'S 167°21'E			
	Depth 46 meters and danger circle	32°16'S 166°56'E			
	Depth 16 meters and danger circle	32°10'S 167°21'E		<b>602</b> (INT 602)	6Ed. 2/3/96 LAST NM 21/08 22/08
	Depth 276 meters	31°49'S 167°47'E		Add	Depth 640 meters 30°37'S 173°02'E
	Depth 188 meters	31°32'S 167°46'E			Depth 1327 meters 31°24'S 176°57'E
	Depth 650 meters	32°17'S 168°08'E		(NTM0011/2007)	
Substitute	Depth 475 meters for 58 meters Obstr	32°12'S 168°03'E			
(26(248)05 Wellington)	Depth 95 meters for 140 meters	31°43'S 167°51'E		<b>602</b> (INT 602)	6Ed. 2/3/96 LAST NM 22/08 24/08
				Substitute	Depth 277 meters for 286 meters 22°11'S 159°04'E
					Depth 325 meters for 330 meters 27°00'S 159°22'E
<b>602</b> (INT 602)	6Ed. 2/3/96	LAST NM 16/06	25/06	Add	Depth 276 meters 22°34'S 159°07'E
Add	Depth 36 meters enclosed by dotted-line circle and blue tint	23°12'S 159°27'E			Depth 287 meters 22°52'S 159°18'E
(11(115)06 Wellington)					Depth 245 meters 32°36'S 156°15'E
					Depth 285 meters 30°55'S 156°22'E
					Depth 365 meters 30°35'S 156°12'E
					Depth 400 meters 27°58'S 155°37'E
					Depth 122 meters 33°14'S 156°13'E
					Depth 407 meters 27°41'S 155°16'E
<b>602</b> (INT 602)	6Ed. 2/3/96	LAST NM 25/06	8/07	(NTM0026/2007)	
Delete	Depth 16 meters enclosed by blue tint and dotted-line circle	21°42'S 156°43'E			
	Depth 80 meters enclosed by blue tint and dotted-line circle	21°54'S 156°41'E			
	Depth 46 meters enclosed by blue tint and dotted-line circle	30°01'S 159°07'E		<b>★602</b> (INT 602)	6Ed. 2/3/96 LAST NM 24/08 27/08
Add	Depth 706 meters enclosed by dashed-line circle	17°43'S 147°53'E		Delete	Depth 36 meters, blue tint and enclosing danger circle centered 23°12'S 159°27'E
(NTM0014/2006)				Add	Depth 277 meters 23°10'S 159°27'E
					Depth 264 meters 23°24'S 159°50'E
					Depth 411 meters 28°20'S 155°37'E
<b>602</b> (INT 602)	6Ed. 2/3/96	LAST NM 8/07	35/07		"Depths to 318m rep (2007)" area bound by dashed line joining 23°00'S 159°47'E
Substitute	Depth 504 meters for 744 meters	18°01'S 169°39'E			23°30'S 159°47'E
Add	Depth 719 meters "Rep" enclosed by depth contour (1000-meter) centered	17°16'S 165°00'E			23°30'S 159°20'E
	Depth 823 meters enclosed by depth contour (1000-meter) centered	21°17'S 162°44'E			23°00'S 159°20'E
(NTM0011/2007)					"Shoal rep (2007)" area bound by dotted line joining 23°52'S 159°42'E
					24°15'S 159°42'E
					24°15'S 159°15'E
					23°52'S 159°15'E
<b>602</b> (INT 602)	6Ed. 2/3/96	LAST NM 35/07	41/07		"Shoal rep (2007)" area bound by dotted line joining 24°40'S 160°00'E
Add	Depth 112 meters	29°40'S 167°52'E			25°40'S 160°00'E
(NTM0011/2007)					25°40'S 159°25'E
					24°40'S 159°25'E
<b>602</b> (INT 602)	6Ed. 2/3/96	LAST NM 41/07	42/07		"Depths to 103m rep (2007)" area bound by dashed line joining 22°05'S 159°34'E
Delete	Depth 91 meters, blue tint and enclosing danger circle	23°02'S 167°18'E			22°50'S 159°34'E
	Depth 55 meters, blue tint and enclosing danger circle	23°03'S 167°39'E			22°50'S 159°12'E
	Depth 99 meters, blue tint and enclosing danger circle	23°16'S 167°21'E			22°05'S 158°58'E
	Depth 18 meters, blue tint and enclosing danger circle	22°57'S 168°20'E		(NTM0009/2007, NTM0026/2007)	
Add	Depth 640 meters "Rep"	24°03'S 169°36'E		<b>602</b> (INT 602)	6Ed. 2/3/96 LAST NM 27/08 40/08
	Depth 732 meters "Rep"	25°48'S 166°58'E		Add	Depth 790 meters 16°52'S 151°53'E
(NTM0011/2007)					Depth 950 meters 16°05'S 151°31'E
				(NTM0026/2007)	
<b>602</b> (INT 602)	6Ed. 2/3/96	LAST NM 42/07	13/08		
Add	Depth 985 meters	26°58'S 173°40'E		<b>★602</b> (INT 602)	6Ed. 2/3/96 LAST NM 40/08 41/08
(NTM0011/2007)				Substitute	Depth 256 meters for 261 meters 26°41'S 159°22'E
				(NTM0026/2007)	
<b>★602</b> (INT 602)	6Ed. 2/3/96	LAST NM 13/08	14/08		
Substitute	Depth 42 meters for 44 meters	20°41'S 154°12'E		<b>602</b> (INT 602)	6Ed. 2/3/96 LAST NM 41/08 8/09
Add	Depth 21 meters, blue tint and enclosing depth contour (30-meter) centered	18°24'S 155°19'E		Substitute	Depth 1250 meters for 1647 meters 21°38'S 179°05'E
(NTM0008/2008)				Add	Depth 524 meters 19°50'S 170°40'E
					Depth 560 meters "Rep" 21°35'S 173°39'E
					Depth 638 meters 22°11'S 173°08'E
					Depth 1007 meters 21°29'S 175°41'E
<b>602</b> (INT 602)	6Ed. 2/3/96	LAST NM 14/08	21/08	(NTM0038/2008)	
Add	"Depths to 331m rep (2007)" area bound by dashed line joining	30°31'S 156°12'E		<b>★602</b> (INT 602)	6Ed. 2/3/96 LAST NM 8/09 18/09
		30°54'S 156°34'E		Add	Danger circle [K1] "Shoal rep (2008)", radius 12 miles, centered 19°12'S 160°00'E
		30°54'S 156°11'E		(NTM0009/2009)	
		30°39'S 156°03'E			
	"Shoal rep (2007)" area bound by dotted line joining	32°31'S 156°10'E		<b>★602</b> (INT 602)	6Ed. 2/3/96 LAST NM 18/09 28/09
		32°31'S 156°20'E		Delete	Depth 22 meters 22°34'S 159°12'E
		32°38'S 156°20'E			
		32°38'S 156°10'E			
	"Shoal rep (2007)" area bound by dotted line joining	33°00'S 156°00'E			
		33°00'S 156°20'E			

(continued on next page)

<b>602</b>	(Continued)		28/09	
		"Depths to 103m rep (2007)" area bound by dashed line joining	22°05'S 159°34'E 22°50'S 159°34'E 22°50'S 159°12'E 22°05'S 158°58'E	
Add	Depth 265 meters		22°34'S 159°07'E	
	Depth 287 meters		22°18'S 159°14'E	
	Depth 267 meters		22°11'S 159°04'E	
	Depth 318 meters		22°10'S 159°20'E	
	Depth 365 meters		22°25'S 159°31'E	
	Depth 294 meters		22°42'S 159°21'E	
	(NTM0011/2009)			
<b>★602</b>	(INT 602)	6Ed. 2/3/96 LAST NM 28/09	29/09	
Delete		"Depths to 318m rep (2007)" area bound by dashed line joining	23°00'S 159°47'E 23°30'S 159°47'E 23°30'S 159°20'E 23°00'S 159°20'E	
Substitute	Depth 393 meters for 407 meters		27°41'S 155°16'E	
	Depth 384 meters for 400 meters		27°58'S 155°37'E	
	Depth 267 meters for 277 meters		23°10'S 159°27'E	
	Depth 252 meters for 264 meters		23°24'S 159°50'E	
	Depth 395 meters for 411 meters		28°20'S 155°38'E	
	Depth 373 meters for 397 meters		28°39'S 155°32'E	
	Depth 248 meters for 256 meters		26°41'S 159°22'E	
Add	Depth 309 meters		27°00'S 159°21'E	
	Depth 265 meters		23°16'S 159°42'E	
	Depth 391 meters		27°36'S 155°13'E	
	(NTM0011/2009)			
<b>★602</b>	(INT 602)	6Ed. 2/3/96 LAST NM 29/09	33/09	
Delete		"Depths to 331m rep (2007)" area in vicinity	30°45'S 156°15'E	
		"Shoal rep (2007)" area in vicinity	32°35'S 156°17'E	
		"Shoal rep (2007)" area in vicinity	33°15'S 156°10'E	
Substitute	Depth 241 meters for 245 meters		32°36'S 156°15'E	
	Depth 347 meters for 365 meters		30°35'S 156°12'E	
	Depth 276 meters for 280 meters		30°48'S 156°14'E	
Add	Depth 1455 meters		23°00'S 154°42'E	
	(NTM0011/2009)			
<b>★602</b>	(INT 602)	6Ed. 2/3/96 LAST NM 33/09	7/10	
Add		"Shoal rep (2009)" area bound by dotted line joining	16°43'S 177°10'E 16°43'S 177°20'E 16°35'S 177°29'E 16°40'S 177°35'E 17°00'S 177°16'E 17°00'S 176°53'E	
		"Shoal rep (2009)" area bound by dotted line joining	19°55'S 160°00'E 19°55'S 160°54'E 21°00'S 162°35'E 21°38'S 162°35'E 21°16'S 161°02'E 21°34'S 160°43'E	
		"Depths to 571m rep (2009)" area bound by dashed line joining	32°25'S 162°14'E 32°25'S 163°02'E 33°08'S 163°33'E 33°37'S 163°33'E 34°10'S 162°53'E 34°10'S 162°14'E	
	(NTM0011/2009)			
<b>602</b>	(INT 602)	6Ed. 2/3/96 LAST NM 7/10	43/10	
Delete		Depth 3855 meters	33°16'S 153°15'E	
	(8(406)10 Wollongong)			
<b>602</b>	(INT 602)	6Ed. 2/3/96 LAST NM 43/10	29/12	
Substitute		Depth 1188 meters enclosed by dotted-line circle for 2445 meters	24°06'S 155°22'E	
	(NTM0003/2012)			
<b>★603</b>	(INT 603)	6Ed. 8/3/96 NEW EDITION (DMA)	37/96	
<b>603</b>	(INT 603)	6Ed. 8/3/96 LAST NM 37/96	1/97	
Add		Light symbol	2°00.3'S 139°14.5'E	
	(GIMM058/96)			
<b>603</b>	(INT 603)	6Ed. 8/3/96 LAST NM 1/97	4/97	
Add		Submarine cable joining	20°18'S 118°37'E 20°12'S 118°42'E 18°30'S 118°30'E 17°36'S 117°44'E 16°55'S 117°44'E 16°31'S 117°36'E 16°05'S 116°57'E 15°53'S 115°10'E	
	(35(588)96 Wollongong)			
<b>603</b>	(INT 603)	6Ed. 8/3/96 LAST NM 4/97	7/97	
Delete		Depth 15 meters	14°18'S 146°55'E	
Add		Depth 14 meters	14°15'S 146°54'E	
	(37(634)96 Wollongong)			
<b>603</b>	(INT 603)	6Ed. 8/3/96 LAST NM 7/97	38/97	
Add		Depth 14.3 meters "Rep (1997)"	8°21'S 127°29'E	
	(GIMM043/96)			
<b>603</b>	(INT 603)	6Ed. 8/3/96 LAST NM 38/97	43/97	
Substitute		Depth 55 meters (SD) for 92 meters "Rep"	9°50'S 144°46'E	
	(15(422)97 Wollongong)			
<b>603</b>	(INT 603)	6Ed. 8/3/96 LAST NM 43/97	44/97	
Delete		Depth		
		9 meters	9°44'S 129°06'E	
		7 meters and legend "Karmt Sh"	10°44'S 125°40'E	
		7 meters "Rep (1992)"	10°58'S 125°42'E	
		7 meters "Rep (1986)"	11°13'S 125°25'E	
		19 meters	11°36'S 124°32'E	
		Danger circle "Breaks Rep (1993)"	10°41'S 126°03'E	
Substitute		Depth		
		7 meters for 9 meters	9°53'S 129°17'E	
		14 meters for 16 meters	10°41'S 125°50'E	
		"Rep (1993)"		
Add		Depth 7 meters	9°43'S 129°02'E	
	(16(450, 451), 17(479)97 Wollongong)			
<b>603</b>	(INT 603)	6Ed. 8/3/96 LAST NM 44/97	50/97	
Add		Depth 106 meters	3°28.9'S 143°57.7'E	
	(20(549)97 Wollongong)			
<b>603</b>	(INT 603)	6Ed. 8/3/96 LAST NM 50/97	33/98	
Substitute		Depth 12 meters for 13 meters	10°08'S 129°31'E	
	(10(259)98 Wollongong)			
<b>603</b>	(INT 603)	6Ed. 8/3/96 LAST NM 33/98	36/98	
Delete		Superbuoy SBM	12°30'S 124°24'E	
	(13(341)98 Wollongong)			
<b>603</b>	(INT 603)	6Ed. 8/3/96 LAST NM 36/98	5/99	
Delete		Dotted-line circle from depth 13 meters	11°32'S 123°36'E	
Substitute		Depth		
		13 meters for 14 meters "Rep" and delete enclosing dotted-line circle	11°49'S 123°50'E	
		18 meters for 19 meters and delete enclosing dotted-line circle	12°28'S 123°48'E	
		13 meters for 9 meters	11°46'S 124°50'E	
		14 meters for 15 meters and delete enclosing dotted-line circle	11°40'S 123°26'E	
Add		Depth 25 meters	11°40'S 123°33'E	
	(23(662)98 Wollongong)			



<b>603</b> (INT 603)	6Ed. 8/3/96	LAST NM 5/99	14/99
Substitute Depth			
20 meters for 15 meters		10°51'S 129°04'E	
15 meters for 14 meters		10°50'S 129°13'E	
16 meters for 14 meters		10°45'S 130°00'E	
(26(758)98 Wollongong)			
<b>603</b> (INT 603)	6Ed. 8/3/96	LAST NM 14/99	20/99
Add Danger circle "Obstn"		7°20'S 116°15'E	
(26(2286)98 Taunton)			
<b>603</b> (INT 603)	6Ed. 8/3/96	LAST NM 20/99	39/99
Delete Light vessel "Carpentaria"		10°44'S 141°03'E	
(12(344)99 Wollongong)			
<b>603</b> (INT 603)	6Ed. 8/3/96	LAST NM 39/99	52/99
Add Light symbol		6°08'S 124°37'E	
Light symbol		6°02'S 124°03'E	
(39(3554)98 Taunton)			
<b>603</b> (INT 603)	6Ed. 8/3/96	LAST NM 52/99	47/02
Delete R Bn (AERO)		16°55'S 145°44'E	
(BA RA)			
<b>603</b> (INT 603)	6Ed. 8/3/96	LAST NM 47/02	10/03
Delete Depth 20 meters "Rep (1988)"		10°30'S 126°37'E	
(18(500)00 Wollongong)			
<b>603</b> (INT 603)	6Ed. 8/3/96	LAST NM 10/03	52/07
Add Depth 172 meters		6°20'S 132°40'E	
(13(1408)01 Taunton)			
<b>603</b> (INT 603)	6Ed. 8/3/96	LAST NM 52/07	19/08
Add Danger circle [K1] "Rep (1975)"		1°12'S 143°02'E	
Danger circle [K1] "Reef Rep (1962)"		1°10'S 143°09'E	
(NTM0015/2008)			
<b>603</b> (INT 603)	6Ed. 8/3/96	LAST NM 19/08	24/08
Add Depth 498 meters		1°05'S 148°02'E	
(NTM006/2007)			
<b>603</b> (INT 603)	6Ed. 8/3/96	LAST NM 24/08	7/10
Add "Depths to 198m rep (2009)" area bound by dashed-line circle, radius 8 miles, centered		5°19'S 128°15'E	
(NTM0011/2009)			
<b>603</b> (INT 603)	6Ed. 8/3/96	LAST NM 7/10	2/12
Delete AERO R Bn		6°45'S 147°00'E	
AERO R Bn		6°36'S 147°50'E	
(23(1181)11 Wollongong)			
<b>603</b> (INT 603)	6Ed. 8/3/96	LAST NM 2/12	27/12
Delete Superbuoy		12°07'S 125°01'E	
(9(431)12 Wollongong)			
<b>★604</b> (INT 604)	5Ed. 6/22/96	NEW EDITION	33/96
(DMA)			
<b>604</b> (INT 604)	5Ed. 6/22/96	LAST NM 33/96	50/96
Add Depth			
304 meters		17°32'S 169°23'E	
530 meters		19°13'S 164°54'E	
29 meters		20°56'S 161°40'E	
(34(38)96 Brest)			
<b>604</b> (INT 604)	5Ed. 6/22/96	LAST NM 50/96	7/97
Delete Depth 15 meters		14°16'S 146°56'E	
Add Depth 14 meters		14°15'S 146°54'E	
(37(634)96 Wollongong)			
<b>604</b> (INT 604)	5Ed. 6/22/96	LAST NM 7/97	23/97
Substitute Depth 6.2 meters for 10 meters		16°48'S 150°10'E	
Add Legend "Breakers Rep (1987)" to danger circle		1°20'S 151°12'E	
(5(117, 120)97 Wollongong)			
<b>604</b> (INT 604)	5Ed. 6/22/96	LAST NM 23/97	24/97
Delete Depth 362 meters		9°08'S 158°22'E	
Add Depth 248 meters		9°07'S 158°21'E	
(13(1186)97 Taunton)			
<b>604</b> (INT 604)	5Ed. 6/22/96	LAST NM 24/97	34/97
Substitute Depth 26 meters for 18 meters		4°03'S 152°14'E	
(7(182)97 Wollongong)			
<b>604</b> (INT 604)	5Ed. 6/22/96	LAST NM 34/97	6/98
Add Depth			
510 meters		7°04'S 158°50'E	
47 meters		7°59'S 159°37'E	
235 meters		8°21'S 160°52'E	
(GIMM011/98)			
<b>604</b> (INT 604)	5Ed. 6/22/96	LAST NM 6/98	31/98
Delete R Bn (AERO)		5°40'S 176°07'E	
(23(2023)98 Taunton)			
<b>604</b> (INT 604)	5Ed. 6/22/96	LAST NM 31/98	50/99
Substitute Depth 9 meters [I10] for 6 meters		20°08'S 149°29'E	
(22(604)99 Wollongong)			
<b>604</b> (INT 604)	5Ed. 6/22/96	LAST NM 50/99	28/01
Add Light symbol with Racon		17°08'S 152°08'E	
(23(647)99 Wollongong)			
<b>604</b> (INT 604)	5Ed. 6/22/96	LAST NM 28/01	39/01
Add Depth 10 meters "Rep (2001)" [I3.2]		15°57'S 175°39'E	
(20(168)01 Wellington)			
<b>604</b> (INT 604)	5Ed. 6/22/96	LAST NM 39/01	12/02
Add Danger circle [K1] "Volcanic Activity Rep (2001)"		18°47'S 179°11'E	
(3(34)02 Wellington)			
<b>604</b> (INT 604)	5Ed. 6/22/96	LAST NM 12/02	18/02
Delete RC (AERO)		12°29'S 177°02'E	
(6(58)02 Wellington)			
<b>604</b> (INT 604)	5Ed. 6/22/96	LAST NM 18/02	38/03
Delete Depth 1083 meters		12°49'S 166°39'E	
Add Depth 56 meters, blue tint and enclosing depth contour (200-meter) centered		12°42'S 166°38'E	
(15(498)03 Wollongong)			
<b>604</b> (INT 604)	5Ed. 6/22/96	LAST NM 38/03	22/04
Add Dangerous submerged rock [K13] "Rep (2002)"		7°11'S 158°22'E	
(8(861)04 Taunton)			
<b>604</b> (INT 604)	5Ed. 6/22/96	LAST NM 22/04	39/05
Add Dashed-line circle with blue tint [Ke] "Discol water (2000)"		20°14'S 176°41'E	
Dashed-line circle with blue tint [Ke] "Discol water (1999)"		15°37'S 176°05'E	
(NTM0016/2005; 3(268)00 Taunton)			
<b>604</b> (INT 604)	5Ed. 6/22/96	LAST NM 39/05	8/07
Add Depth 706 meters		17°43'S 147°53'E	
(NTM0014/2006)			
<b>604</b> (INT 604)	5Ed. 6/22/96	LAST NM 8/07	14/08
Substitute Depth 42 meters for 44 meters		20°41'S 154°12'E	
Add Depth 21 meters, blue tint and enclosing depth contour (30-meter) centered		18°24'S 155°19'E	
(NTM0008/2008)			
<b>604</b> (INT 604)	5Ed. 6/22/96	LAST NM 14/08	24/08
Substitute Depth 362 meters for 399 meters		8°41'S 154°37'E	
Add Depth 498 meters		1°05'S 148°02'E	
Depth 409 meters		1°06'S 148°50'E	
(NTM0026/2007)			

<b>604</b> (INT 604)	5Ed. 6/22/96	LAST NM 24/08	37/08
Substitute	Depth 306 meters for 338 meters	9°12'S 153°53'E	
Add	Depth 658 meters	11°27'S 154°59'E	
(NTM0026/2007)			
<b>604</b> (INT 604)	5Ed. 6/22/96	LAST NM 37/08	40/08
Add	Depth 950 meters	16°05'S 151°31'E	
(NTM0026/2007)			
<b>★604</b> (INT 604)	5Ed. 6/22/96	LAST NM 40/08	48/08
Add	Depth 1463 meters	5°07'S 157°05'E	
	Depth 962 meters	5°00'S 157°07'E	
	Depth 1958 meters	11°37'S 154°55'E	
(NTM0026/2007)			
<b>604</b> (INT 604)	5Ed. 6/22/96	LAST NM 48/08	52/08
Add	Depth 1000 meters	0°53'S 147°45'E	
(NTM0026/2007)			
<b>604</b> (INT 604)	5Ed. 6/22/96	LAST NM 52/08	8/09
Substitute	Depth 988 meters for 1218 meters	20°34'S 177°27'E	
Add	Depth 524 meters	19°50'S 170°40'E	
(NTM0038/2008)			
<b>604</b> (INT 604)	5Ed. 6/22/96	LAST NM 8/09	7/10
Add	"Depths to 384m rep (2009)" area bound by dashed-line circle, radius 6 miles, centered	11°10'S 178°41'E	
	"Depths to 596m rep (2009)" area bound by dashed-line circle, radius 7 miles, centered	11°24'S 178°31'E	
	"Depths to 148m rep (2009)" area bound by dashed-line circle, radius 7 miles, centered	13°33'S 175°54'E	
	"Shoal rep (2009)" area bound by dotted line joining	16°43'S 177°10'E	
		16°43'S 177°20'E	
		16°35'S 177°29'E	
		16°40'S 177°35'E	
		17°00'S 177°16'E	
		17°00'S 176°53'E	
(NTM0011/2009)			
<b>604</b> (INT 604)	5Ed. 6/22/96	LAST NM 7/10	2/12
Delete	Aero RC	6°44'S 147°00'E	
	Aero RC	6°36'S 147°51'E	
	Aero RC	8°45'S 148°15'E	
(23(1181)11 Wollongong)			
<b>★605</b> (INT 605)	4Ed. 8/26/95	NEW EDITION	44/95
Add	Depth		
	420 meters	20°37'S 178°18'W	
	306 meters	21°20'S 178°41'W	
	342 meters	24°33'S 178°03'W	
(Previously published 38/95)			
Delete	Depth 340 meters	13°12'S 175°07'E	
(Previously published 41/95)			
Substitute	Depth 290 meters for 345 meters		
	"Rep (1989)"	21°59'S 174°05'E	
(Previously published 41/95)			
Add	Depth		
	399 meters	12°51'S 172°42'E	
	230 meters	13°34'S 175°54'E	
	196 meters	13°13'S 175°07'E	
(Previously published 41/95)			
Delete	R Bn (AERO)	17°47'S 177°26'E	
(Previously published 43/95)			
Delete	Legend "(1957)"	12°34'S 174°35'W	
		32°27'S 179°25'W	
Add	Danger circle	19°30'S 177°25'W	
		22°20'S 176°00'W	
(DMA; 19(143)86, 3(43)93, 3(35)95 Auckland)			
<b>605</b> (INT 605)	4Ed. 8/26/95	LAST NM 6/96	13/96
Add	Legend "(ED)" to depth 154 meters	36°10'S 173°27'E	
(7(71)96 Auckland)			
<b>605</b> (INT 605)	4Ed. 8/26/95	LAST NM 13/96	25/96
Substitute	Depth 88 meters "(1996)" for		
	115 meters	29°34'S 178°01'W	
(16(148)96 Auckland)			
<b>605</b> (INT 605)	4Ed. 8/26/95	LAST NM 25/96	30/96
Add	Danger circle "Shoal (1996)"	20°20'S 177°32'W	
		19°56'S 177°12'W	
		17°27'S 176°35'W	
(23(207)96 Auckland)			
<b>605</b> (INT 605)	4Ed. 8/26/95	LAST NM 30/96	51/96
Delete	R Bn at light	35°55'S 175°07'E	
(44(366)96 Auckland)			
<b>605</b> (INT 605)	4Ed. 8/26/95	LAST NM 51/96	26/97
Delete	Depth 814 meters	20°21'S 175°12'W	
Substitute	Depth 520 meters for 680 meters	20°35'S 177°10'W	
Add	Depth		
	529 meters	27°13'S 177°18'W	
	518 meters	20°20'S 175°13'W	
(16(138)97 Auckland)			
<b>605</b> (INT 605)	4Ed. 8/26/95	LAST NM 26/97	29/97
Add	Depth 18 meters "(1997)"	27°24'S 179°14'W	
(23(196)97 Auckland)			
<b>605</b> (INT 605)	4Ed. 8/26/95	LAST NM 29/97	39/97
Add	Depth		
	1525 meters	21°02.5'S 168°50.0'W	
	890 meters	19°11.6'S 169°31.0'W	
	410 meters	18°33.3'S 172°02.3'W	
(33(283)97 Auckland)			
<b>605</b> (INT 605)	4Ed. 8/26/95	LAST NM 39/97	40/97
Add	Depth 329 meters	27°56.0'S 171°07.0'W	
(34(291)97 Auckland)			
<b>605</b> (INT 605)	4Ed. 8/26/95	LAST NM 40/97	23/98
Change	Legend to "Volcanic Activity (1997)"	25°48'S 177°10'W	
(15(132)98 Auckland)			
<b>605</b> (INT 605)	4Ed. 8/26/95	LAST NM 23/98	26/98
Delete	Depth 70 meters and legend		
	"Volcanic...1997"	25°53'S 177°09'W	
(See 23/98-605)			
Add	Depth 6 meters with legend		
	"Volcanic activity Rep (1998)"	25°53'S 177°11'W	
(GIMM016/98)			
<b>605</b> (INT 605)	4Ed. 8/26/95	LAST NM 26/98	29/98
Add	Depth 860 meters	37°42'S 179°11'E	
(19(172)98 Auckland)			
<b>605</b> (INT 605)	4Ed. 8/26/95	LAST NM 29/98	41/98
Delete	Depth 15 meters "(1981)"	16°00'S 179°17'W	
Add	Depth 11.5 meters	15°56'S 179°17'W	
(33(2948)98 Taunton)			
<b>605</b> (INT 605)	4Ed. 8/26/95	LAST NM 41/98	52/99
Add	Danger circle "Shoal Rep (1999)" [I4]	19°50'S 176°05'W	
(44(418)99 Auckland)			
<b>605</b> (INT 605)	4Ed. 8/26/95	LAST NM 52/99	15/01
Add	Depth 590 meters "Sub vol" enclosed by danger circle	14°13'S 169°04'W	
(NTM0013/2001)			

<b>605</b> (INT 605)	4Ed. 8/26/95	LAST NM 15/01	16/01		Depth 196 meters, blue tint and enclosing depth contour (200-meter) centered	36°09.0'S 176°08.0'E
	Substitute	Depth 7.6 meters, blue tint and depth contour (10-meter) for 11 meters	18°10'S 178°19'W		Depth 192 meters, blue tint and enclosing depth contour (200-meter) centered	36°38.0'S 176°12.0'E
	(32(3003)99 Taunton)					
<b>605</b> (INT 605)	4Ed. 8/26/95	LAST NM 16/01	39/01		Depth 633 meters	36°58.0'S 176°52.0'E
	Add	Depth 10 meters "Rep (2001)" [I3.2]	15°57'S 175°39'E		Depth 889 meters	36°50.0'S 177°28.0'E
	(20(168)01 Wellington)				Depth 960 meters	36°48.0'S 179°52.0'E
					Depth 777 meters	37°28.0'S 179°30.0'E
					(NTM0011/2007)	
<b>605</b> (INT 605)	4Ed. 8/26/95	LAST NM 39/01	9/02		<b>605</b> (INT 605)	4Ed. 8/26/95
	Add	Legend "Volcanic Activity (2001)"	18°19'S 174°25'W		Add	Depth 985 meters
	(2(27)02 Wellington)				(NTM0011/2007)	26°58'S 173°40'E
<b>605</b> (INT 605)	4Ed. 8/26/95	LAST NM 9/02	12/02		<b>605</b> (INT 605)	4Ed. 8/26/95
	Add	Danger circle [K1] "Volcanic Activity Rep (2001)"	18°47'S 179°11'E		Add	Depth 640 meters
	(3(34)02 Wellington)				Depth 1327 meters	30°37'S 173°02'E
<b>605</b> (INT 605)	4Ed. 8/26/95	LAST NM 12/02	6/03		Depth 866 meters	31°24'S 176°57'E
	Delete	Depth 18 meters	12°56'S 175°36'W		Depth 591 meters	30°02'S 172°54'E
	Depth 393 meters	12°57'S 175°42'W		Depth 452 meters	31°02'S 173°42'E	
				Depth 785 meters	30°47'S 173°19'E	
	Add	Depth 16 meters	12°57'S 175°40'W		Depth 786 meters	31°30'S 172°16'E
	(47(4391)99 Taunton)				Depth 710 meters	32°39'S 172°20'E
					Depth 778 meters	33°22'S 172°01'E
					Depth 622 meters	31°48'S 179°20'E
					(NTM0011/2007)	34°41'S 178°39'E
<b>605</b> (INT 605)	4Ed. 8/26/95	LAST NM 6/03	26/05		<b>605</b> (INT 605)	4Ed. 8/26/95
	Substitute	Depth 21 meters for 26 meters	12°31'S 174°20'W		Substitute	Depth 1250 meters for 1647 meters
	(2(28)05 Wellington)				Depth 988 meters for 1218 meters	21°38'S 179°07'E
<b>605</b> (INT 605)	4Ed. 8/26/95	LAST NM 26/05	39/05			20°34'S 177°27'E
	Add	Dashed-line circle with blue tint [Ke] "Discol water (2000)"	20°14'S 176°41'E		Add	Depth 884 meters
		Dashed-line circle with blue tint [Ke] "Discol water (1999)"	15°37'S 176°05'E		Depth 500 meters	21°58'S 173°12'E
	(NTM0016/2005; 3(268)00 Taunton)				Depth 560 meters "Rep"	22°06'S 173°48'E
					Depth 1110 meters	21°35'S 173°39'E
					Depth 638 meters	17°24'S 172°00'E
					Depth 1007 meters	22°11'S 173°08'E
					(NTM0038/2008)	21°29'S 175°41'E
<b>605</b> (INT 605)	4Ed. 8/26/95	LAST NM 39/05	46/05		<b>★605</b> (INT 605)	4Ed. 8/26/95
	Substitute	Depth 22 meters for 33 meters	16°40'S 178°37'W		Add	"Depths to 624m rep (2008)" area bound by dashed-line circle, radius 5 miles, centered
	(NTM0031/2005)					11°15'S 179°21'W
<b>605</b> (INT 605)	4Ed. 8/26/95	LAST NM 46/05	1/06			"Depths to 278m rep (2008)" area bound by dashed-line circle, radius 11 miles, centered
	Add	Depth 559 meters	30°27'S 174°17'E			11°44'S 177°54'W
		Depth 635 meters	29°53'S 174°06'E			"Depths to 543m rep (2008)" area bound by dashed-line circle, radius 7 miles, centered
	(34(4043)05 Taunton)					12°34'S 177°56'W
<b>605</b> (INT 605)	4Ed. 8/26/95	LAST NM 1/06	6/06			"Depths to 626m rep (2008)" area bound by dashed-line circle, radius 5 miles, centered
	Delete	Depth 1187 meters	36°19'S 178°06'E			14°35'S 174°53'W
						"Depths to 419m rep (2008)" area bound by dashed-line circle, radius 5 miles, centered
	Add	Depth 350 meters enclosed by depth contour (1000-meter)	36°19'S 178°02'E			14°49'S 177°55'W
	(25(234)05 Wellington)					"Depths to 628m rep (2008)" area bound by dashed-line circle, radius 5 miles, centered
<b>605</b> (INT 605)	4Ed. 8/26/95	LAST NM 6/06	20/06			15°35'S 173°09'W
	Substitute	Depth 8 meters for 14 meters	16°06'S 173°48'W			"Depths to 604m rep (2008)" area bound by dashed-line circle, radius 8 miles, centered
	(42(51)04 Brest)					15°56'S 173°17'W
<b>605</b> (INT 605)	4Ed. 8/26/95	LAST NM 20/06	33/07			"Depths to 233m rep (2008)" area bound by dashed-line circle, radius 7 miles, centered
	Substitute	Depth 1631 meters for 2300 meters	30°37.0'S 172°52.0'W			16°32'S 173°44'W
		Depth 1632 meters for 2341 meters	30°12.0'S 173°21.0'W			(NTM0009/2009)
	Add	Depth 1515 meters enclosed by dashed-line circle	32°33.0'S 171°48.0'W		<b>605</b> (INT 605)	4Ed. 8/26/95
		Depth 1704 meters enclosed by dashed-line circle	32°12.0'S 171°52.0'W		Add	Danger circle [K1] "Volcanic Activity Rep (2001)"
		Depth 1675 meters enclosed by dashed-line circle	29°37.0'S 173°25.0'W			(NZ CH 14605)
		Depth 1790 meters enclosed by dashed-line circle	29°17.0'S 173°12.0'W		<b>605</b> (INT 605)	4Ed. 8/26/95
		Depth 566 meters enclosed by dashed-line circle	29°33.0'S 179°47.0'W		Substitute	Depth 49 meters for 46 meters and add legend "Northeast Bank"
		Depth 1029 meters enclosed by dashed-line circle	33°09.0'S 179°56.0'W			14°03'S 170°05'W
		Depth 675 meters enclosed by dashed-line circle	33°37.0'S 179°50.0'W		Add	Depth 38 meters
		Depth 682 meters enclosed by dashed-line circle	33°28.0'S 179°36.5'W		(NTM0037/2009)	14°13'S 169°33'W
	(NTM0011/2007)				<b>605</b> (INT 605)	4Ed. 8/26/95
<b>605</b> (INT 605)	4Ed. 8/26/95	LAST NM 33/07	39/07		Add	Depth 544 meters enclosed by depth contour (1000-meter) centered
	Add	Depth 1691 meters	36°02.0'S 179°28.0'E			23°33'S 176°41'W
						Depth 635 meters
						33°24'S 179°43'W

(continued on next page)

605 (Continued) 7/10  
 "Depths to 384m rep (2009)" area bound by dashed-line circle, radius 6 miles, centered 11°10'S 178°41'E  
 "Depths to 596m rep (2009)" area bound by dashed-line circle, radius 7 miles, centered 11°24'S 178°31'E  
 "Depths to 148m rep (2009)" area bound by dashed-line circle, radius 7 miles, centered 13°33'S 175°54'E  
 "Shoal rep (2009)" area bound by dotted line joining 16°43'S 177°10'E  
 16°43'S 177°20'E  
 16°35'S 177°29'E  
 16°40'S 177°35'E  
 17°00'S 177°16'E  
 17°00'S 176°53'E  
 (NTM0011/2009)

605 (INT 605) 4Ed. 8/26/95 LAST NM 7/10 40/12  
 Add Danger circle [K1] "Volcanic Activity (2012)" 30°57'S 179°08'W  
 (19(157)12 Wellington)

★606 (INT 606) 1Ed. 3/19/83 NEW CHART 23/83  
 Delete R Bns (AERO) 16°35.5'S 143°39.5'W  
 22°27.0'S 151°20.5'W  
 23°22.5'S 149°28.0'W  
 (DMAHTC; US RA)

★606 (INT 606) 1Ed. 3/19/83 LAST NM 23/83 48/83  
 Delete Depths 40 meters "(1965)" 21°40'S 175°09'W  
 29 meters "(1965)" 21°44'S 175°10'W  
 (NVS7097/83)

606 (INT 606) 1Ed. 3/19/83 LAST NM 48/83 21/84  
 Delete Dangerous submerged rock 18°14'S 168°20'W  
 Note: Legend remains  
 Depth 2963 meters 18°13'S 168°27'W  
 Add Depth 9.5 meters 18°15'S 168°24'W  
 (7(34)84 Brest)

606 (INT 606) 1Ed. 3/19/83 LAST NM 21/84 40/84  
 Add Dotted line circle "Volcanic Island (1984)" 19°01.2'S 174°43.9'W  
 (27(171)84 Auckland)

606 (INT 606) 1Ed. 3/19/83 LAST NM 40/84 2/85  
 Add Depth 341 meters 14°29'S 149°57'W  
 (NVS7372/84)

606 (INT 606) 1Ed. 3/19/83 LAST NM 2/85 10/85  
 Add Depth 100 meters 18°21'S 174°13'W  
 (39(2549)84 Taunton)

606 (INT 606) 1Ed. 3/19/83 LAST NM 10/85 28/85  
 Change Legend "Volcanic Island (1984)" to "Volcanic activity Rep (1984)" 19°01.2'S 174°43.9'W  
 (See 40/84-606)  
 (16(96)85 Auckland)

606 (INT 606) 1Ed. 3/19/83 LAST NM 28/85 6/86  
 Delete Depths 42 meters "(1981)" 13°44.0'S 171°36.0'W  
 31 meters "(1961)" 13°49.0'S 171°20.0'W  
 548 meters 11°56.0'S 173°04.0'W  
 Substitute Depths 315 meters for 713 meters 12°14.0'S 173°55.0'W  
 819 meters for 33 meters (1963) 14°25.0'S 171°19.0'W  
 Add Depth 379 meters 13°15.0'S 173°07.0'W  
 (HNNM7671/86)

606 (INT 606) 1Ed. 3/19/83 LAST NM 6/86 30/86  
 Delete Depths 823 meters 12°28.0'S 174°15.0'W  
 31 meters 12°33.0'S 174°23.0'W

Add Depths 26 meters 12°31.7'S 174°19.2'W  
 683 meters 13°14.4'S 172°27.9'W  
 35 meters 14°01.5'S 172°10.5'W  
 (19(143)86 Auckland)

606 (INT 606) 1Ed. 3/19/83 LAST NM 30/86 41/86  
 Add Depth 574 meters 20°10'S 158°38'W  
 (34(250)86 Auckland)

606 (INT 606) 1Ed. 3/19/83 LAST NM 41/86 45/86  
 Add Danger circle "Breakers (rep 1986)" (PA) 13°23'S 166°12'W  
 (37(265)86 Auckland)

606 (INT 606) 1Ed. 3/19/83 LAST NM 45/86 51/86  
 Substitute Depth 912 meters for 1167 meters 19°09'S 159°20'W  
 (42(293)86 Auckland)

606 (INT 606) 1Ed. 3/19/83 LAST NM 51/86 1/87  
 Delete Dangerous submerged rock and legend "Albert Meyer Rf PD (1911)" 20°53'S 172°19'W  
 (MCNM7864/86)

606 (INT 606) 1Ed. 3/19/83 LAST NM 1/87 10/87  
 Add Dangerous submerged rock and legend "Albert Meyer Reef Rep (1911)" (PD) 20°53'S 172°18'W  
 (Supersedes 1/87-606)  
 (MCNM7902/87)

606 (INT 606) 1Ed. 3/19/83 LAST NM 10/87 48/87  
 Add Depth 553 meters 19°17'S 169°33'W  
 (MCNM8003/87)

606 (INT 606) 1Ed. 3/19/83 LAST NM 48/87 10/88  
 Add Depth 185 meters "Rep (1977)" (PA) 16°17'S 173°51'W  
 (MCNM8064/88)

606 (INT 606) 1Ed. 3/19/83 LAST NM 10/88 50/88  
 Delete Depth 57 meters 17°37'S 174°12'W  
 Substitute Depths 73 meters for 186 meters 19°14'S 174°18'W  
 450 meters "Rep (1988)" for 479 meters "(1965)" 16°14'S 147°05'W  
 Add Depths 51 meters 17°32'S 174°09'W  
 79 meters "Rep (1988)" 20°47'S 175°12'W  
 315 meters "Rep (1988)" 21°36'S 175°14'W  
 91 meters 14°55'S 147°05'W  
 (32(200, 202)88 Auckland)

606 (INT 606) 1Ed. 3/19/83 LAST NM 50/88 12/89  
 Delete Depths 71 meters "Rep" 13°27'S 172°52'W  
 27 meters "Rep (1877)" (PA) 13°53'S 171°14'W  
 44 meters "Rep (1981)" 14°00'S 171°18'W  
 (4(30)89 Auckland)

606 (INT 606) 1Ed. 3/19/83 LAST NM 12/89 37/89  
 Add Light symbol 14°55'S 147°51'W  
 (42(87)88 Brest)

606 (INT 606) 1Ed. 3/19/83 LAST NM 37/89 6/90  
 Add R Bn (AERO) 23°22.5'S 149°28.0'W  
 (BA RA)

606 (INT 606) 1Ed. 3/19/83 LAST NM 6/90 46/90  
 Add Legends "(ED)" to dangerous submerged rock 21°54'S 159°48'W  
 "(PD)" to danger circle 24°27'S 163°40'W  
 (35(184)90 Auckland)

606 (INT 606) 1Ed. 3/19/83 LAST NM 46/90 4/91  
 Add Depth 340 meters 14°29'S 152°14'W  
 (48(3461)90 Taunton)

<b>606</b> (INT 606)	1Ed. 3/19/83	LAST NM 4/91	8/91
Substitute	Depth 272 meters for 1100 meters	16°32'S 152°31'W	
Add	Depth 626 meters	17°29'S 150°10'W	
	(23(50)90 Brest)		
<b>606</b> (INT 606)	1Ed. 3/19/83	LAST NM 8/91	24/91
Add	Legend "PA" to reef	20°02'S 167°47'W	
	(11(74)91 Auckland)		
<b>606</b> (INT 606)	1Ed. 3/19/83	LAST NM 24/91	12/92
Change	Legend to "Antiope Rf (breaks)"	18°14'S 168°05'W	
	(48(298)91 Auckland)		
<b>606</b> (INT 606)	1Ed. 3/19/83	LAST NM 12/92	24/92
Add	Depths		
	848 meters	19°26'S 148°35'W	
	930 meters	21°05'S 152°18'W	
	(Fr CH 6035)		
<b>606</b> (INT 606)	1Ed. 3/19/83	LAST NM 24/92	3/93
Add	R Bn (AERO)	22°27.0'S 151°20.5'W	
	(40/92 Brest)		
<b>606</b> (INT 606)	1Ed. 3/19/83	LAST NM 3/93	12/93
Add	Light symbol	16°37'S 143°35'W	
	(39(55)92 Brest)		
<b>606</b> (INT 606)	1Ed. 3/19/83	LAST NM 12/93	13/93
Add	Danger circle	18°48'S 175°14'W	
		19°10'S 175°07'W	
	(3(43)93 Auckland)		
<b>606</b> (INT 606)	1Ed. 3/19/83	LAST NM 13/93	33/93
Add	R Bn (AERO)	10°23'S 161°00'W	
	(24(184)93 Auckland)		
<b>606</b> (INT 606)	1Ed. 3/19/83	LAST NM 33/93	45/93
Substitute	Danger circle		
	"Volcanic Activity (1993)" for		
	dangerous submerged rock and		
	legend "Volcanic...1979)"	19°10'S 174°50'W	
	(37(265)93 Auckland)		
<b>606</b> (INT 606)	1Ed. 3/19/83	LAST NM 45/93	47/93
Add	Depth 27 meters enclosed by		
	danger circle	23°27'S 150°45'W	
	(MCC1159/92)		
<b>606</b> (INT 606)	1Ed. 3/19/83	LAST NM 47/93	1/94
Change	Legend "PA" to		
	"Rep to lie 3 miles NE (1993)"	20°02'S 167°48'W	
	(45(311)93 Auckland)		
<b>606</b> (INT 606)	1Ed. 3/19/83	LAST NM 1/94	36/94
Add	R Bn (AERO)	17°34'S 149°37'W	
	(24(44)94 Brest)		
<b>606</b> (INT 606)	1Ed. 3/19/83	LAST NM 36/94	8/95
Substitute	Depth 298 meters "Rep" for		
	313 meters	18°33'S 174°21'W	
	(3(34)95 Auckland)		
<b>606</b> (INT 606)	1Ed. 3/19/83	LAST NM 8/95	16/95
Delete	Depth		
	208 meters	13°02'S 174°14'W	
	146 meters	16°27'S 173°43'W	
Add	Depth		
	146 meters (ED)	16°22'S 173°43'W	
	38 meters	13°06'S 174°17'W	
	(3(42)93 Auckland; NZ CH 14605)		
<b>606</b> (INT 606)	1Ed. 3/19/83	LAST NM 16/95	18/95
Delete	Depth 79 meters "Rep (1988)"	20°47'S 175°12'W	
Substitute	Depth 26 meters for		
	49 meters "(1970)"	20°42'S 175°11'W	
	(13(118)95 Auckland)		
<b>606</b> (INT 606)	1Ed. 3/19/83	LAST NM 18/95	19/95
Delete	Dangerous submerged rock "(1949)" (ED)		
		21°55'S 159°48'W	
	(14(125)95 Auckland)		
<b>606</b> (INT 606)	1Ed. 3/19/83	LAST NM 19/95	22/95
Add	Legend "Arago Seamount" at		
	depth 27 meters	23°27'S 150°45'W	
	(9(54)95 Brest)		
<b>606</b> (INT 606)	1Ed. 3/19/83	LAST NM 22/95	35/95
Add	Depth 710 meters	12°02'S 148°29'W	
	(21(16)95 Brest)		
<b>606</b> (INT 606)	1Ed. 3/19/83	LAST NM 35/95	21/96
Delete	R Bn (AERO)	21°11'S 175°13'W	
	(BA RA)		
<b>606</b> (INT 606)	1Ed. 3/19/83	LAST NM 21/96	28/96
Delete	Depth 55 meters	14°46'S 147°47'W	
	(12(50)96 Brest)		
<b>606</b> (INT 606)	1Ed. 3/19/83	LAST NM 28/96	44/96
Delete	Legend "(1963)"	27°29'S 143°48'W	
	(Fr CH 7347)		
<b>606</b> (INT 606)	1Ed. 3/19/83	LAST NM 44/96	46/96
Add	Light symbol	17°03'S 149°33'W	
	(29(37)96 Brest)		
<b>606</b> (INT 606)	1Ed. 3/19/83	LAST NM 46/96	26/97
Delete	Depth 657 meters	20°23'S 175°13'W	
Add	Depth 518 meters	20°20'S 175°13'W	
	(16(138)97 Auckland)		
<b>★606</b> (INT 606)	1Ed. 3/19/83	LAST NM 26/97	39/97
Add	Depth		
	1525 meters	21°02.5'S 168°50.0'W	
	410 meters	18°33.3'S 172°02.3'W	
	(33(283)97 Auckland)		
<b>606</b> (INT 606)	1Ed. 3/19/83	LAST NM 39/97	1/99
Substitute	Depth		
	675 meters for 704 meters "(1970)"	27°21'S 144°32'W	
	128 meters for 130 meters	27°45'S 144°10'W	
	(45(384)98 Auckland)		
<b>606</b> (INT 606)	1Ed. 3/19/83	LAST NM 1/99	5/00
Delete	R Bn (AERO) at light	17°30'S 149°30'W	
	(BA RA)		
<b>606</b> (INT 606)	1Ed. 3/19/83	LAST NM 5/00	15/01
Add	Depth 590 meters "Sub vol" enclosed by		
	danger circle	14°13'S 169°04'W	
	(NTM0013/2001)		
<b>606</b> (INT 606)	1Ed. 3/19/83	LAST NM 15/01	28/01
Delete	Depth 26 meters	27°25'S 143°57'W	
	Depth 51 meters "(1963)"	27°23'S 143°47'W	
	Depth 36 meters "(1972)"	27°43'S 143°18'W	
	Depth 60 meters (ED)	27°52'S 143°38'W	
Add	Depth 30 meters	27°26'S 144°01'W	
	(14(42)01 Brest)		
<b>606</b> (INT 606)	1Ed. 3/19/83	LAST NM 28/01	39/01
Delete	Depth 340 meters	14°29'S 152°14'W	
	Dotted-line circle, blue tint and legend		
	"Breakers (1890)" in vicinity	16°33'S 154°55'W	
	(20(169)01 Wellington)		
<b>606</b> (INT 606)	1Ed. 3/19/83	LAST NM 39/01	9/02
Add	Legend "Volcanic Activity (2001)"	18°19'S 174°25'W	
	(2(27)02 Wellington)		

**606** (INT 606) 1Ed. 3/19/83 LAST NM 9/02 17/03  
Delete Depth 11 meters, blue tint and enclosing danger circle centered 18°17'S 142°01'W  
(23(38)00 Brest)

**606** (INT 606) 1Ed. 3/19/83 LAST NM 17/03 8/05  
Delete Legend "(1972)" 27°29'S 145°09'W

Substitute Depth 19.8 meters for 30 meters 27°26'S 144°01'W  
Depth 523 meters for 592 meters 27°30'S 145°02'W  
(6(64)04 Wellington)

**606** (INT 606) 1Ed. 3/19/83 LAST NM 8/05 15/05  
Delete Depth 898 meters 18°07'S 152°45'W

Substitute Depth 550 meters for 626 meters 17°29'S 150°10'W  
Depth 529 meters for 848 meters 19°28'S 148°34'W

Add Depth 887 meters 16°47'S 155°12'W  
Depth 725 meters 18°13'S 152°46'W  
Depth 456 meters 18°26'S 154°04'W  
(13(127)04 Wellington)

**606** (INT 606) 1Ed. 3/19/83 LAST NM 15/05 16/05  
Substitute Depth 210 meters for 410 meters 22°35'S 150°59'W  
(15(142)04 Wellington)

**606** (INT 606) 1Ed. 3/19/83 LAST NM 16/05 20/05  
Add Depth 776 meters 18°59'S 154°06'W  
Depth 598 meters 18°48'S 152°15'W  
(17(167)04 Wellington)

**606** (INT 606) 1Ed. 3/19/83 LAST NM 20/05 22/05  
Add Light symbol [P1] 17°36'S 149°49'W  
(19(178)04 Wellington)

**606** (INT 606) 1Ed. 3/19/83 LAST NM 22/05 26/05  
Substitute Depth 21 meters for 26 meters 12°32'S 174°19'W  
(2(28)05 Wellington)

**606** (INT 606) 1Ed. 3/19/83 LAST NM 26/05 34/05  
Delete Light symbol 21°04'S 175°20'W  
(10(103)05 Wellington)

**606** (INT 606) 1Ed. 3/19/83 LAST NM 34/05 37/05  
Delete Depth 300 meters 19°21'S 151°32'W

Depth 525 meters, danger circle and legend "(1978)" 18°15'S 153°55'W

Substitute Depth 875 meters for 1040 meters 23°17'S 149°54'W  
Depth 990 meters for 2780 meters 20°47'S 150°48'W  
Depth 839 meters for 1189 meters 21°48'S 151°30'W  
Depth 944 meters for 1030 meters 21°15'S 150°44'W  
Depth 462 meters for 297 meters 19°13'S 151°31'W

Add Depth 360 meters 21°33'S 155°27'W  
(16(147, 148)05 Wellington)

**606** (INT 606) 1Ed. 3/19/83 LAST NM 37/05 43/05  
Add Depth 197 meters enclosed by depth contour (200-meter) 25°31'S 150°30'W  
(19(181)05 Wellington)

**606** (INT 606) 1Ed. 3/19/83 LAST NM 43/05 6/06  
Delete Depth 525 meters and danger circle "(1978)" 18°15'S 153°58'W  
(47(5514)05 Taunton)

**606** (INT 606) 1Ed. 3/19/83 LAST NM 6/06 20/06  
Substitute Depth 8 meters for 14 meters 16°07'S 173°50'W  
(42(51)04 Brest)

**606** (INT 606) 1Ed. 3/19/83 LAST NM 20/06 34/07  
Delete R Bn (AERO) 10°23'S 161°00'W

Add Depth 639 meters enclosed by depth contour (1000-meter) centered 17°38'S 145°16'W  
Depth 762 meters enclosed by depth contour (1000-meter) centered 17°08'S 145°51'W

Depth 1694 meters enclosed by depth contour (2000-meter) centered 20°16'S 143°40'W  
Depth 1665 meters enclosed by depth contour (2000-meter) centered 20°04'S 143°26'W  
(NTM0011/2007)

**606** (INT 606) 1Ed. 3/19/83 LAST NM 34/07 35/07  
Add Legend "Discolored Water" 25°42'S 149°20'W  
Legend "Discolored Water" 23°42'S 147°30'W

Depth 1902 meters enclosed by depth contour (2000-meter) 24°39'S 149°50'W  
Depth 1096 meters enclosed by depth contour (2000-meter) 27°40'S 145°48'W  
Depth 1420 meters enclosed by depth contour (2000-meter) 26°33'S 146°22'W  
(NTM0011/2007)

**606** (INT 606) 1Ed. 3/19/83 LAST NM 35/07 37/07  
Delete Depth 51 meters, blue tint and enclosing depth contour (200-meter) centered 14°49'S 148°45'W

Substitute Depth 971 meters for 1780 meters 14°13'S 149°11'W  
Depth 895 meters for 1350 meters 15°13'S 147°06'W  
Depth 870 meters for 1600 meters 14°59'S 144°04'W

Add Depth 1998 meters 22°24'S 153°05'W  
Depth 514 meters 19°20'S 150°59'W  
Depth 984 meters 13°48'S 149°19'W  
Depth 975 meters 13°42'S 148°37'W  
Depth 881 meters 15°07'S 145°15'W  
Depth 1110 meters 11°26'S 149°00'W  
Depth 2550 meters 16°52'S 148°49'W  
Depth 2280 meters 16°39'S 149°20'W  
Depth 2211 meters 12°28'S 146°28'W  
Depth 1102 meters 12°57'S 148°17'W  
Depth 1574 meters 11°04'S 149°43'W  
Depth 1250 meters 10°35'S 149°28'W  
Depth 860 meters 15°34'S 147°22'W  
Depth 1191 meters 14°48'S 149°08'W  
Depth 1288 meters 10°11'S 149°44'W  
Depth 887 meters 16°56'S 143°59'W  
(NTM0011/2007)

**606** (INT 606) 1Ed. 3/19/83 LAST NM 37/07 39/07  
Add Depth 2171 meters 25°12'S 153°09'W  
Depth 2460 meters 25°50'S 152°57'W  
Depth 2267 meters 23°44'S 154°20'W  
Depth 1435 meters 24°06'S 156°27'W  
(NTM0011/2007)

**606** (INT 606) 1Ed. 3/19/83 LAST NM 39/07 41/07  
Delete Legend "Discolored Water" 25°42'S 149°20'W  
(See 35/07-606)

Add Legend "Discolored Water" 25°52'S 149°20'W  
(NTM0011/2007)

**606** (INT 606) 1Ed. 3/19/83 LAST NM 41/07 13/08  
Add Depth 2321 meters 12°49'S 162°12'W  
Depth 5113 meters 21°41'S 163°46'W  
(25(233)07 Wellington)

**606** (INT 606) 1Ed. 3/19/83 LAST NM 13/08 20/09  
Add Danger circle [K1] "Volcanic Activity Rep (2001)" 14°36'S 168°58'W  
(NZ CH 14605)

**606** (INT 606) 1Ed. 3/19/83 LAST NM 20/09 35/09  
Substitute Depth 49 meters for 46 meters 14°03'S 170°05'W  
and add legend "Northeast Bank"

Add Depth 38 meters 14°13'S 169°33'W  
(NTM0037/2009)

**★606** (INT 606) 1Ed. 3/19/83 LAST NM 35/09 48/09  
Add "Depths to 200m rep (2009)" area bound by dashed-line circle, radius 8 miles, centered 19°16'S 151°00'W  
"Depths to 183m rep (2009)" area bound by dashed-line circle, radius 5 miles, centered 22°32'S 150°58'W  
(NTM0011/2009)

606 (INT 606)	1Ed. 3/19/83	LAST NM 48/09	7/10		
Add	"Depths to 136m rep (2009)" blue tint area bound by dashed line joining		15°54'S 145°19'W		
			16°20'S 144°53'W		
			16°33'S 144°58'W		
			16°46'S 144°36'W		
			16°38'S 145°25'W		
			16°30'S 145°18'W		
			16°04'S 145°34'W		
			16°12'S 145°23'W		
(NTM0011/2009)					
★607 (INT 607)	1Ed. 12/11/76	NEW CHART	4/77		
Add	Light flare symbol (DMAHC; 45(2221)76 Taunton)		16°44.6'S 151°28.0'W		
607 (INT 607)	1Ed. 12/11/76	LAST NM 4/77	12/77		
Add	R Bn (AERO) (1(28)77 Taunton)		14°42'S 145°15'W		
607 (INT 607)	1Ed. 12/11/76	LAST NM 12/77	29/77		
Add	R Bn (AERO) (20(51)77 Brest)		14°26'S 146°04'W		
607 (INT 607)	1Ed. 12/11/76	LAST NM 29/77	17/78		
Add	Light symbol (3(43)78 Brest)		17°27.9'S 149°46.0'W		
607 (INT 607)	1Ed. 12/11/76	LAST NM 17/78	18/78		
Add	Light symbol (12(669)78 Taunton)		17°33'S 149°39'W		
607 (INT 607)	1Ed. 12/11/76	LAST NM 18/78	52/78		
Substitute	Depth 9 meters for 11 meters (BA CH 783)		18°10'S 141°57'W		
607 (INT 607)	1Ed. 12/11/76	LAST NM 52/78	23/79		
Add	Depth 225 meters (14(53)79 Brest)		21°34'S 139°10'W		
607 (INT 607)	1Ed. 12/11/76	LAST NM 23/79	28/79		
Add	Depth 283 meters (PA) (9(583)79 Taunton)		21°30'S 137°07'W		
607 (INT 607)	1Ed. 12/11/76	LAST NM 28/79	2/80		
Change	Legend "Depths of 3 to 8 meters(1950)" to "Depths of 3 to 6 meters rep(1960)" (Fr CH 6607 Print 1973)		8°02'S 138°35'W		
607 (INT 607)	1Ed. 12/11/76	LAST NM 2/80	9/80		
Delete	Depths 870 meters (ED) 64 meters (ED) (44(49)79 Brest)		8°40'S 139°39'W 8°50'S 139°11'W		
607 (INT 607)	1Ed. 12/11/76	LAST NM 9/80	40/80		
Relocate	R Bn (AERO) close SE to (Fr CH 6461)		23°07'S 134°53'W		
607 (INT 607)	1Ed. 12/11/76	LAST NM 40/80	14/81		
Delete	Depth 550 meters (PA)		8°17'S 140°53'W		
Add	Depth 28 meters (4(47)81 Brest)		8°20'S 140°56'W		
607 (INT 607)	1Ed. 12/11/76	LAST NM 14/81	23/81		
Delete	Light (BA LL)		17°33'S 149°39'W		
607 (INT 607)	1Ed. 12/11/76	LAST NM 23/81	43/82		
Delete	Depths 283 meters (PA) 225 meters		21°30'S 137°07'W 21°34'S 139°10'W		
Add	Depth 225 meters (NVS6780/82)		21°34'S 137°10'W		
607 (INT 607)	1Ed. 12/11/76	LAST NM 43/82	9/83		
Add	Legend "(low and dangerous)" to I. Oeno (BA CH 783)		23°57'S 130°45'W		
607 (INT 607)	1Ed. 12/11/76	LAST NM 9/83	15/83		
Substitute	Depth 816 meters for 16 meters (1976) (40(42)78 Brest)		27°28.0'S 144°35.5'E		
607 (INT 607)	1Ed. 12/11/76	LAST NM 15/83	17/83		
Delete	Depth 16 meters "(1976)" (Cancels 15/83-607) (40(42)78 Brest)		27°28.0'S 144°35.5'W		
607 (INT 607)	1Ed. 12/11/76	LAST NM 17/83	51/83		
Delete	R Bn (AERO) (38(48)83 Brest)		20°46'S 138°34'W		
607 (INT 607)	1Ed. 12/11/76	LAST NM 51/83	50/85		
Substitute	Depth 32 meters for 40 meters (ED) (32(33)85 Brest)		9°20'S 140°00'W		
607 (INT 607)	1Ed. 12/11/76	LAST NM 50/85	13/87		
Add	R Bn (AERO) (4(304)87 Taunton)		15°49.0'S 140°53.0'W		
607 (INT 607)	1Ed. 12/11/76	LAST NM 13/87	24/88		
Add	Depth 341 meters (NVS7372/84)		14°29'S 149°57'W		
607 (INT 607)	1Ed. 12/11/76	LAST NM 24/88	50/88		
Add	Depths 91 meters 450 meters "Rep" (32(202)88 Auckland)		14°55'S 148°51'W 16°14'S 147°05'W		
607 (INT 607)	1Ed. 12/11/76	LAST NM 50/88	18/89		
Delete	Depth 32 meters (2(50)89 Brest)		9°20'S 140°00'W		
607 (INT 607)	1Ed. 12/11/76	LAST NM 18/89	37/89		
Add	Light symbol (42(87)88 Brest)		14°55'S 147°51'W		
607 (INT 607)	1Ed. 12/11/76	LAST NM 37/89	6/90		
Delete	R Bn (AERO) (37(35)89 Brest)		19°51'S 145°00'W		
607 (INT 607)	1Ed. 12/11/76	LAST NM 6/90	21/90		
Delete	Depth 40 meters (1965)		9°03'S 140°40'W		
Add	Depth 40 meters enclosed by danger circle (3(88)90 Brest)		9°08'S 140°38'W		
607 (INT 607)	1Ed. 12/11/76	LAST NM 21/90	31/90		
Add	R Bn (AERO)		16°42.0'S 151°02.0'W 8°48.0'S 140°13.0'W 9°46.0'S 139°01.0'W 8°56.0'S 139°33.0'W		
(10(45)90 Brest)					
607 (INT 607)	1Ed. 12/11/76	LAST NM 31/90	41/90		
Delete	Depth 28 meters		8°20'S 140°56'W		
Add	Depths 267 meters 28 meters (15(50)90 Brest)		9°10'S 140°35'W 8°20'S 140°51'W		
607 (INT 607)	1Ed. 12/11/76	LAST NM 41/90	43/90		
Add	Depth 272 meters (27(56)90 Brest)		16°32'S 152°31'W		

607 (INT 607) 1Ed. 12/11/76 LAST NM 43/90 48/90  
 Add Danger circle with legend  
 "Discol water (rep 1990)" (PA) 25°53'S 134°15'W  
 (38(2740)90 Taunton)

607 (INT 607) 1Ed. 12/11/76 LAST NM 48/90 4/91  
 Add Depth 340 meters 14°29'S 152°14'W  
 (48(3461)90 Taunton)

607 (INT 607) 1Ed. 12/11/76 LAST NM 4/91 5/91  
 Substitute Depth 11 meters for 14 meters 22°42'S 133°46'W  
 (35(43)90 Brest)

607 (INT 607) 1Ed. 12/11/76 LAST NM 5/91 17/91  
 Delete Blue tint area, islets (5), legend  
 "Recif de la Minerve (Ebrill)", and  
 limiting danger line in vicinity 22°39'S 133°30'W  
 Add Legend "Recif de la Minerve (Ebrill)" 22°44'S 133°46'W  
 (47(54)90 Brest)

607 (INT 607) 1Ed. 12/11/76 LAST NM 17/91 18/91  
 Delete Depth 3150 meters 14°54'S 139°38'W  
 Substitute Depth 400 meters for 1550 meters 23°03'S 137°24'W  
 Add Depth 570 meters 14°43'S 139°51'W  
 (10(756)91 Taunton)

607 (INT 607) 1Ed. 12/11/76 LAST NM 18/91 24/92  
 Add Depths  
 984 meters 14°07'S 149°18'W  
 530 meters 14°42'S 147°37'W  
 766 meters 17°06'S 145°51'W  
 912 meters 17°30'S 145°12'W  
 639 meters 17°34'S 145°18'W  
 925 meters 14°13'S 150°22'W  
 1192 meters 10°06'S 152°20'W  
 1629 meters 9°33'S 149°58'W  
 1869 meters 9°55'S 149°47'W  
 1355 meters 11°24'S 152°10'W  
 (Fr CH 6597)

607 (INT 607) 1Ed. 12/11/76 LAST NM 24/92 3/93  
 Add R Bn (AERO) 22°27.0'S 151°20.5'W  
 (40/92 Brest)

607 (INT 607) 1Ed. 12/11/76 LAST NM 3/93 47/93  
 Add Depth 27 meters enclosed by  
 danger circle 23°27'S 150°45'W  
 (MCC1159/92)

607 (INT 607) 1Ed. 12/11/76 LAST NM 47/93 33/94  
 Delete R Bn (AERO) 18°28'S 136°26'W  
 (25(199)94 Auckland)

607 (INT 607) 1Ed. 12/11/76 LAST NM 33/94 36/94  
 Add R Bn (AERO) 17°34'S 149°37'W  
 (24(44)94 Brest)

607 (INT 607) 1Ed. 12/11/76 LAST NM 36/94 22/95  
 Add Legend "Arago Seamount" at  
 depth 27 meters 23°27'S 150°45'W  
 (9(54)95 Brest)

607 (INT 607) 1Ed. 12/11/76 LAST NM 22/95 35/95  
 Add Depth 710 meters 12°02'S 148°29'W  
 (21(16)95 Brest)

607 (INT 607) 1Ed. 12/11/76 LAST NM 35/95 26/96  
 Add Depth 529 meters 24°38.8'S 125°06.2'W  
 (18(1550)96 Taunton)

607 (INT 607) 1Ed. 12/11/76 LAST NM 26/96 28/96  
 Delete Depth  
 55 meters 14°46'S 147°47'W  
 530 meters 14°42'S 147°37'W  
 (12(50)96 Brest)

607 (INT 607) 1Ed. 12/11/76 LAST NM 28/96 36/96  
 Delete R Bn (AERO) 8°48.0'S 140°13.0'W  
 8°56.0'S 139°33.0'W  
 9°46.0'S 139°01.0'W  
 (BA RA)

607 (INT 607) 1Ed. 12/11/76 LAST NM 36/96 46/96  
 Add Light symbol 17°03'S 149°33'W  
 (29(37)96 Brest)

607 (INT 607) 1Ed. 12/11/76 LAST NM 46/96 52/96  
 Add Depth  
 490 meters 8°09'S 141°23'W  
 54 meters 10°13'S 137°55'W  
 (Fr CH 7371)

607 (INT 607) 1Ed. 12/11/76 LAST NM 52/96 7/97  
 Delete Depth  
 2300 meters 23°28'S 136°04'W  
 2300 meters 23°28'S 135°35'W  
 Add Depth  
 390 meters 23°31'S 136°00'W  
 675 meters 23°32'S 135°34'W  
 (33(30)96 Brest)

607 (INT 607) 1Ed. 12/11/76 LAST NM 7/97 1/99  
 Substitute Depth  
 675 meters for 700 meters 27°21'S 144°32'W  
 128 meters for 130 meters 27°45'S 144°10'W  
 (45(384)98 Auckland)

607 (INT 607) 1Ed. 12/11/76 LAST NM 1/99 5/00  
 Delete R Bn (AERO) at light 17°30'S 149°30'W  
 (BA RA)

607 (INT 607) 1Ed. 12/11/76 LAST NM 5/00 32/00  
 Delete Depth 38 meters 7°57'S 140°55'W  
 Depth 20 meters "Rep (1965)" 8°24'S 140°56'W  
 Add Depth 27 meters 8°22'S 140°54'W  
 Depth 49 meters 7°55'S 140°58'W  
 (4(21)99 Brest)

607 (INT 607) 1Ed. 12/11/76 LAST NM 32/00 15/01  
 Substitute Depth 0.8 meter for islet 7°52'S 140°23'W  
 (44(52)00 Brest)

607 (INT 607) 1Ed. 12/11/76 LAST NM 15/01 28/01  
 Delete Depth 26 meters 27°25'S 143°57'W  
 Depth 51 meters 27°23'S 143°47'W  
 Depth 36 meters "(1972)" 27°43'S 143°18'W  
 Depth 60 meters (ED) 27°52'S 143°38'W  
 Add Depth 30 meters 27°26'S 144°01'W  
 (14(42)01 Brest)

607 (INT 607) 1Ed. 12/11/76 LAST NM 28/01 39/01  
 Delete Depth 340 meters 14°29'S 152°14'W  
 (20(169)01 Wellington)

607 (INT 607) 1Ed. 12/11/76 LAST NM 39/01 42/01  
 Delete R Bn (AERO) 21°49'S 138°47'W  
 (34(36)99 Brest)

607 (INT 607) 1Ed. 12/11/76 LAST NM 42/01 7/02  
 Delete Depth 13 meters (ED) 7°57'S 140°15'W  
 Depth 55 meters "Rep (1965)" 7°50'S 140°02'W  
 Depth 35 meters "Rep (1965)" 8°10'S 140°52'W  
 Legend "Depths of 3 to 6 meters rep (1960)" 8°02'S 138°35'W  
 Substitute Depth 9 meters for 11 meters 8°06'S 139°38'W  
 Depth 14 meters for 17 meters 8°42'S 140°46'W  
 (13(41)01 Brest)

607 (INT 607) 1Ed. 12/11/76 LAST NM 7/02 17/03  
 Delete Depth 9 meters (ED), blue tint and enclosing  
 danger circle centered 18°11'S 141°56'W  
 (23(38)00 Brest)



<b>607</b> (INT 607)	1Ed. 12/11/76	LAST NM 17/03	45/03
Delete	Depth 400 meters	23°04'S	137°24'W
	Depth 9 meters	23°41'S	134°29'W
	Danger circle (ED), blue tint and legend "Bertero"	22°02'S	133°28'W
	Dotted-line circle (PA) and legend "Discol Water (Rep 1990)"	25°54'S	134°14'W
Add	Depth 340 meters enclosed by depth contour (1000-meter) centered	23°00'S	137°27'W
	(19(128)03 Wellington)		
<b>607</b> (INT 607)	1Ed. 12/11/76	LAST NM 45/03	8/05
Delete	Legend "(1972)"	27°28'S	144°47'W
Substitute	Depth 19.8 meters for 30 meters	27°26'S	144°01'W
	Depth 523 meters for 592 meters	27°30'S	145°00'W
	(6(64)04 Wellington)		
<b>607</b> (INT 607)	1Ed. 12/11/76	LAST NM 8/05	15/05
Substitute	Depth 550 meters for 626 meters	17°29'S	150°10'W
Add	Depth 725 meters	18°13'S	152°46'W
	Depth 529 meters	19°28'S	148°34'W
	(13(127)04 Wellington)		
<b>607</b> (INT 607)	1Ed. 12/11/76	LAST NM 15/05	16/05
Substitute	Depth 210 meters for 400 meters	22°35'S	150°59'W
	(15(142)04 Wellington)		
<b>607</b> (INT 607)	1Ed. 12/11/76	LAST NM 16/05	21/05
Substitute	Depth 547 meters for 675 meters	23°32.0'S	135°34.0'W
Add	Depth 396 meters	15°17.0'S	135°07.5'W
	(19(179)04 Wellington)		
<b>607</b> (INT 607)	1Ed. 12/11/76	LAST NM 21/05	22/05
Add	Light symbol [P1]	17°36'S	149°49'W
	(19(178)04 Wellington)		
<b>607</b> (INT 607)	1Ed. 12/11/76	LAST NM 22/05	37/05
Substitute	Depth 875 meters for 1040 meters	23°17'S	149°54'W
	Depth 839 meters for 1190 meters	21°47'S	151°30'W
	Depth 944 meters for 1030 meters	21°15'S	150°44'W
	Depth 990 meters for 2780 meters	20°50'S	150°48'W
	Depth 462 meters for 300 meters	19°11'S	151°31'W
	(16(147, 148)05 Wellington)		
<b>607</b> (INT 607)	1Ed. 12/11/76	LAST NM 37/05	16/06
Add	Depth 903 meters and extend depth contour (1000-meter) SE to enclose	10°26'S	139°01'W
	(NTM0022/2006)		
<b>607</b> (INT 607)	1Ed. 12/11/76	LAST NM 16/06	16/07
Substitute	Depth 2490 meters for 2800 meters	22°06'S	136°07'W
Add	Depth 1344 meters	17°50'S	137°36'W
	Depth 1582 meters	18°27'S	138°40'W
	Depth 1701 meters	19°51'S	138°28'W
	Depth 619 meters	22°22'S	137°57'W
	Depth 616 meters	21°20'S	136°23'W
	Depth 1595 meters	22°11'S	134°58'W
	Depth 1830 meters	20°12'S	137°09'W
	Depth 1721 meters	18°01'S	135°58'W
	Depth 1443 meters	19°25'S	133°29'W
	Depth 1357 meters	21°04'S	132°19'W
	Depth 1664 meters	19°08'S	135°35'W
	Depth 1702 meters	18°40'S	137°36'W
	(NTM0014/2006)		
<b>607</b> (INT 607)	1Ed. 12/11/76	LAST NM 16/07	26/07
Add	Depth 937 meters enclosed by dashed-line circle	24°56'S	121°52'W
	Danger circle [K1] "Seamount (Rep 1966)"	24°22'S	128°33'W
	(NTM0011/2007)		
<b>607</b> (INT 607)	1Ed. 12/11/76	LAST NM 26/07	33/07
Add	Depth 1998 meters enclosed by dashed-line circle	22°24.0'S	153°05.5'W
	Depth 514 meters enclosed by dashed-line circle	19°20.0'S	150°59.0'W
	Depth 930 meters enclosed by dashed-line circle	21°05.0'S	152°20.0'W
	Depth 673 meters enclosed by dashed-line circle	18°48.0'S	152°15.0'W
	(NTM0011/2007)		
<b>607</b> (INT 607)	1Ed. 12/11/76	LAST NM 33/07	34/07
Add	Depth 1694 meters enclosed by depth contour (2000-meter) centered	20°16'S	143°40'W
	Depth 1665 meters enclosed by depth contour (2000-meter) centered	20°04'S	143°26'W
	(NTM0011/2007)		
<b>607</b> (INT 607)	1Ed. 12/11/76	LAST NM 34/07	35/07
Add	Depth 1096 meters enclosed by depth contour (2000-meter)	27°40'S	145°48'W
	Depth 1420 meters enclosed by depth contour (2000-meter)	26°33'S	146°22'W
	(NTM0011/2007)		
<b>607</b> (INT 607)	1Ed. 12/11/76	LAST NM 35/07	37/07
Delete	Depth 51 meters, blue tint and enclosing depth contour (200-meter) centered	14°49'S	148°45'W
Substitute	Depth 970 meters for 1780 meters	14°13'S	149°11'W
	Depth 895 meters for 1350 meters	15°13'S	147°06'W
	Depth 870 meters for 1600 meters	14°59'S	144°04'W
Add	Depth 983 meters	13°48'S	149°19'W
	Depth 975 meters	13°42'S	148°36'W
	Depth 878 meters	15°07'S	145°15'W
	Depth 1110 meters	11°26'S	149°00'W
	Depth 2550 meters	16°52'S	148°49'W
	Depth 2280 meters	16°39'S	149°20'W
	Depth 2211 meters	12°28'S	146°26'W
	Depth 1102 meters	12°57'S	148°17'W
	Depth 1574 meters	11°04'S	149°43'W
	Depth 1250 meters	10°35'S	149°28'W
	Depth 860 meters	15°34'S	147°22'W
	Depth 1191 meters	14°48'S	149°08'W
	Depth 1288 meters	10°11'S	149°44'W
	Depth 2901 meters	10°29'S	140°58'W
	Depth 887 meters	16°56'S	143°59'W
	(NTM0011/2007)		
<b>★607</b> (INT 607)	1Ed. 12/11/76	LAST NM 37/07	28/08
Add	Depth 523 meters "Rep (2007)"	24°51'S	124°53'W
	Depth 446 meters "Rep (2007)"	24°46'S	121°39'W
	"Shoal rep (2007)" area bound by dotted line joining	24°00'S	128°34'W
		24°19'S	128°09'W
		24°28'S	128°18'W
		24°11'S	128°44'W
	(NTM0009/2007)		
<b>607</b> (INT 607)	1Ed. 12/11/76	LAST NM 28/08	35/08
Add	Depth 595 meters "Rep (2007)"	24°50'S	121°50'W
	Depth 587 meters "Rep (2007)"	8°08'S	141°22'W
	(NTM0009/2007)		
<b>★607</b> (INT 607)	1Ed. 12/11/76	LAST NM 35/08	14/09
Delete	Depth 710 meters	12°02'S	148°28'W
Add	"Depths to 368m rep (2008)" area bound by dashed-line circle, radius 5 miles, centered	11°22'S	149°01'W
	"Depths to 623m rep (2008)" area bound by dashed-line circle, radius 5 miles, centered	14°25'S	148°01'W
	"Depths to 211m rep (2008)" area bound by dashed-line circle, radius 5 miles, centered	12°02'S	148°28'W
	(NTM0009/2009)		
<b>★607</b> (INT 607)	1Ed. 12/11/76	LAST NM 14/09	48/09
Add	"Depths to 503m rep (2009)" area bound by dashed-line circle, radius 5 miles, centered	24°24'S	148°32'W

(continued on next page)

**607** (Continued) 48/09  
 “Depths to 209m rep (2009)” area bound by dashed-line circle, radius 5 miles, centered 27°18’S 144°33’W  
 “Depths to 304m rep (2009)” area bound by dashed-line circle, radius 5 miles, centered 28°08’S 143°22’W  
 “Depths to 200m rep (2009)” area bound by dashed-line circle, radius 8 miles, centered 19°16’S 151°00’W  
 “Depths to 183m rep (2009)” area bound by dashed-line circle, radius 5 miles, centered 22°32’S 150°58’W  
 Danger circle [K1] “Shoal rep (2009)”, radius 8 miles, centered 26°38’S 146°29’W  
 (NTM0011/2009)

**607** (INT 607) 1Ed. 12/11/76 LAST NM 48/09 7/10  
 Add “Depths to 136m rep (2009)” blue tint area bound by dashed line joining 15°54’S 145°19’W  
 16°20’S 144°53’W  
 16°33’S 144°58’W  
 16°46’S 144°36’W  
 16°38’S 145°25’W  
 16°30’S 145°18’W  
 16°04’S 145°34’W  
 16°12’S 145°23’W  
 (NTM0011/2009)

**★607** (INT 607) 1Ed. 12/11/76 LAST NM 7/10 10/11  
 Substitute Depth 362 meters for 396 meters 15°17’S 135°06’W  
 (NTM0010/2011)

**★608** (INT 608) 2Ed. 6/15/96 NEW EDITION 42/96  
 (NIMA)

**608** (INT 608) 2Ed. 6/15/96 LAST NM 42/96 9/00  
 Delete Depth 148 meters and enclosing depth contour centered 8°41’S 80°05’W  
 Depth 2797 meters and enclosing depth contour centered 28°02’S 80°04’W  
 Add Depth 84 meters enclosed by depth contour (100-meter) 8°42’S 79°57’W  
 Depth 471 meters enclosed by depth contour (1000-meter) 28°05’S 80°01’W  
 (43(4016, 4017)99 Taunton)

**608** (INT 608) 2Ed. 6/15/96 LAST NM 9/00 14/00  
 Add Light symbol [P1] 4°07’S 81°03’W  
 (3(20)99 Callao)

**608** (INT 608) 2Ed. 6/15/96 LAST NM 14/00 46/00  
 Add Superbuoy ODAS WbuY, Fl Y [Q58] 20°09’S 85°08’W  
 Superbuoy ODAS Y [Q58] 8°59’S 80°05’W  
 Superbuoy ODAS Y [Q58] 5°01’S 85°00’W  
 (NTM0004/2000)

**608** (INT 608) 2Ed. 6/15/96 LAST NM 46/00 14/01  
 Add Superbuoy ODAS Y with light flare symbol [Q58] 9°00’S 85°01’W  
 Superbuoy ODAS Y with light flare symbol [Q58] 5°00’S 81°46’W  
 Light flare symbol to superbuoy ODAS 8°59’S 80°05’W  
 Light flare symbol to superbuoy ODAS 5°01’S 85°00’W  
 (See 46/00-608)  
 (9(60, 61)00 Callao)

**608** (INT 608) 2Ed. 6/15/96 LAST NM 14/01 36/06  
 Add Superbuoy ODAS 20°00.0’S 84°55.0’W  
 (NTM0026/2006)

**608** (INT 608) 2Ed. 6/15/96 LAST NM 36/06 18/07  
 Delete R Bn at light 33°01’S 71°39’W  
 Substitute Racon for R Bn at light 29°56’S 71°22’W  
 (5(569)03 Taunton; 10(111)05 Valparaiso)

**608** (INT 608) 2Ed. 6/15/96 LAST NM 18/07 26/07  
 Delete Buoy 30°00’S 73°13’W  
 (NTM0021/2007)

**608** (INT 608) 2Ed. 6/15/96 LAST NM 26/07 29/07  
 Add Wreck [K29] 11°25’S 78°11’W  
 Wreck [K29] 17°47’S 72°13’W  
 (11(55, 57)06 Callao)

**608** (INT 608) 2Ed. 6/15/96 LAST NM 29/07 34/07  
 Add Superbuoy ODAS [Q58] Fl 8°00’S 85°00’W  
 (6(36)07 Callao)

**608** (INT 608) 2Ed. 6/15/96 LAST NM 34/07 43/08  
 Add Depth 611 meters 1°06’S 88°24’W  
 (NTM0026/2007)

**608** (INT 608) 2Ed. 6/15/96 LAST NM 43/08 8/09  
 Add Wreck [K29] 12°36’S 78°16’W  
 Wreck [K29] 17°19’S 71°56’W  
 (2(15, 16)06 Callao)

**608** (INT 608) 2Ed. 6/15/96 LAST NM 8/09 10/09  
 Add Wreck [K29] 14°34’S 77°26’W  
 (12(101)08 Callao)

**608** (INT 608) 2Ed. 6/15/96 LAST NM 10/09 15/09  
 Add Wreck [K29] 10°35’S 78°28’W  
 Wreck [K29] 12°31’S 76°55’W  
 (4(17, 18)05 Callao)

**★608** (INT 608) 2Ed. 6/15/96 LAST NM 15/09 48/09  
 Add “Depths to 395m rep (2009)” area bound by dashed-line circle, radius 7 miles, centered 33°42’S 79°36’W  
 “Depths to 481m rep (2009)” area bound by dashed-line circle, radius 5 miles, centered 33°22’S 77°24’W  
 Danger circle [K1] “Shoal rep (2009)” 26°28’S 79°50’W  
 Depth 55 meters [I4] 33°45’S 79°38’W  
 Depth 89 meters [I4] 33°44’S 79°49’W  
 (NTM0011/2009)

**608** (INT 608) 2Ed. 6/15/96 LAST NM 48/09 6/10  
 Delete Superbuoy ODAS 8°00’S 85°00’W  
 Relocate Superbuoy ODAS from 5°00’S 85°00’W to 5°01’S 85°02’W  
 (9(45, 48)09 Callao)

**608** (INT 608) 2Ed. 6/15/96 LAST NM 6/10 26/10  
 Add Superbuoy ODAS [Q58] Y, Fl(5) Y 15s 32°59’S 71°49’W  
 (12(122)09 Valparaiso)

**608** (INT 608) 2Ed. 6/15/96 LAST NM 26/10 30/10  
 Add Depth 281 meters 20°46’S 80°52’W  
 Depth 149 meters enclosed by depth contour (200-meter) 22°06’S 81°18’W  
 Depth 182 meters 21°25’S 81°37’W  
 Depth 715 meters enclosed by depth contour (1000-meter) 24°32’S 83°23’W  
 Depth 1002 meters enclosed by depth contour (2000-meter) 23°26’S 83°16’W  
 (NTM0016/2010)

**608** (INT 608) 2Ed. 6/15/96 LAST NM 30/10 34/10  
 Delete Superbuoy ODAS 5°01’S 85°02’W  
 (See 6/10-608)  
 (4(22)10 Callao)

**★608** (INT 608) 2Ed. 6/15/96 LAST NM 34/10 7/11  
 Add Depth 147 meters, blue tint and enclosing depth contour (200-meter) centered 23°17’S 82°10’W  
 Depth 276 meters enclosed by depth contour (1000-meter) centered 25°49’S 86°15’W  
 Depth 1746 meters enclosed by depth contour (2000-meter) centered 25°29’S 88°21’W  
 (NTM0016/2010)

★608 (INT 608)	2Ed. 6/15/96	LAST NM 7/11	13/12		Depth 729 meters	24°28'S 83°31'W
Delete	Depth 449 meters and enclosing depth contour in vicinity	24°56'S 82°02'W			Depth 910 meters and enclose above depths (2) by depth contour (1000-meter)	24°22'S 83°46'W
Add	Depth 613 meters enclosed by depth contour (1000-meter) centered	25°10'S 90°46'W			(NTM0003/2016)	
	Depth 554 meters enclosed by depth contour (1000-meter) centered	22°51'S 82°36'W			608 (INT 608)	2Ed. 6/15/96 LAST NM 28/16 52/16
	Depth 435 meters enclosed by depth contour (1000-meter) centered	25°35'S 89°04'W			Delete	Depth 16 meters, blue tint and enclosing dotted-line circle centered
	Depth 398 meters enclosed by depth contour (1000-meter) centered	25°02'S 88°20'W			(2(143)13 Taunton)	12°10'S 77°40'W
	Depth 264 meters enclosed by depth contour (1000-meter) centered	25°19'S 85°07'W			★609 (INT 609)	2Ed. 4/26/97 NEW EDITION 23/97
	Depth 308 meters enclosed by depth contour (1000-meter) centered	24°41'S 85°30'W			Delete	Blue tint and enclosing depth contour centered
	Depth 377 meters enclosed by depth contour (1000-meter) centered	23°26'S 83°20'W			(NIMA: GIMM001/97)	52°32'S 68°30'W
	Depth 267 meters enclosed by depth contour (1000-meter) centered	25°51'S 90°57'W			609 (INT 609)	2Ed. 4/26/97 LAST NM 23/97 45/97
	Depth 275 meters enclosed by depth contour (1000-meter) centered	25°29'S 87°15'W			Add	R Bn (AERO) at light symbol (BA RA)
	Depth 351 meters enclosed by depth contour (1000-meter) centered	25°41'S 86°36'W				47°43'S 74°55'W
	Depth 323 meters enclosed by depth contour (1000-meter) centered	25°53'S 86°30'W			609 (INT 609)	2Ed. 4/26/97 LAST NM 45/97 51/98
	Depth 309 meters enclosed by depth contour (1000-meter) centered	24°44'S 82°31'W			Delete	R Bn at light
	Depth 251 meters enclosed by depth contour (1000-meter) centered	24°56'S 82°07'W			(9(188)98 Valparaiso)	36°36'S 73°03'W 38°26'S 73°55'W
	Depth 146 meters, blue tint and enclosing depth contour (200-meter) centered	25°21'S 81°52'W			609 (INT 609)	2Ed. 4/26/97 LAST NM 51/98 4/07
	Depth 155 meters, blue tint and enclosing depth contour (200-meter) centered	25°33'S 82°23'W			Add	Wreck [K29] (PA)
	Depth 154 meters, blue tint and enclosing depth contour (200-meter) centered	25°40'S 82°26'W			(10(107)05 Buenos Aires)	47°50'S 65°20'W
	Depth 142 meters, blue tint and enclosing depth contour (200-meter) centered	25°41'S 82°54'W			609 (INT 609)	2Ed. 4/26/97 LAST NM 4/07 7/07
	Depth 193 meters, blue tint and enclosing depth contour (200-meter) centered	25°46'S 83°19'W			Add	Wreck [K29]
	Depth 159 meters, blue tint and enclosing depth contour (200-meter) centered	25°43'S 83°35'W			(7(66)05 Buenos Aires)	53°30'S 67°51'W
	Depth 200 meters, blue tint and enclosing depth contour (200-meter) centered	25°48'S 83°57'W			609 (INT 609)	2Ed. 4/26/97 LAST NM 7/07 9/07
	Depth 264 meters enclosed by depth contour (1000-meter) centered	25°56'S 84°23'W			Add	Wreck [K29] (PA)
	Depth 265 meters enclosed by depth contour (1000-meter) centered	24°01'S 84°42'W			(18(215)03 Buenos Aires)	45°51'S 66°55'W
	(NTM0004/2012)				609 (INT 609)	2Ed. 4/26/97 LAST NM 9/07 18/07
608 (INT 608)	2Ed. 6/15/96	LAST NM 13/12	27/12		Delete	R Bn at light
Add	Legend "Andreasen Seamount" to depth 265 meters (See 13/12-608)	24°01'S 84°42'W			(10(111)05 Valparaiso)	33°01'S 71°39'W
	(NTM0005/2012)				609 (INT 609)	2Ed. 4/26/97 LAST NM 18/07 8/08
608 (INT 608)	2Ed. 6/15/96	LAST NM 27/12	3/14		Delete	R Bn at light
Add	Wreck [K29]	33°57'S 72°24'W			(6(57)06 Valparaiso)	52°23'S 68°26'W
	Wreck [K29]	32°03'S 74°06'W			609 (INT 609)	2Ed. 4/26/97 LAST NM 8/08 7/09
	(7(76), 8(89)13 Valparaiso)				Change	Legend to "Pta Hualpen"
608 (INT 608)	2Ed. 6/15/96	LAST NM 3/14	38/14		(2(20)05 Valparaiso)	36°45'S 73°30'W
Add	Buoy ODAS [Q58] "DART II", Y, can	20°28'S 73°26'W			609 (INT 609)	2Ed. 4/26/97 LAST NM 7/09 48/09
	Buoy ODAS [Q58] "DART II", Y, can	26°45'S 73°59'W			Add	"Depths to 395m rep (2009)" area bound by dashed-line circle, radius 7 miles, centered
	(8(105)14 Valparaiso)					33°42'S 79°36'W
608 (INT 608)	2Ed. 6/15/96	LAST NM 38/14	22/15			"Depths to 481m rep (2009)" area bound by dashed-line circle, radius 5 miles, centered
Delete	R Bn from light	12°04'S 77°10'W				33°22'S 77°24'W
	(2(13)15 Callao; UKHO LL)					Depth 55 meters [I4]
						Depth 89 meters [I4]
					(NTM0011/2009)	33°45'S 79°38'W 33°44'S 79°49'W
★608 (INT 608)	2Ed. 6/15/96	LAST NM 22/15	19/16		609 (INT 609)	2Ed. 4/26/97 LAST NM 48/09 36/10
Delete	Legend "Andreasen Seamount"	24°01'S 84°42'W			Delete	R Bn at light
					(12(120)03 Buenos Aires)	47°10'S 65°46'W
Add	Depth 755 meters enclosed by depth contour (1000-meter) with legend "Andreasen Seamount" centered	23°54'S 83°38'W			609 (INT 609)	2Ed. 4/26/97 LAST NM 36/10 49/10
	(NTM0002/2016)				Delete	Depth 230 meters enclosed by dotted-line circle centered
						46°06'S 83°54'W
★608 (INT 608)	2Ed. 6/15/96	LAST NM 19/16	28/16		Add	Depth 171 meters enclosed by dotted-line circle centered
Add	Depth 643 meters	19°38'S 80°18'W			(6(56)09 Valparaiso)	46°05'S 83°49'W
	Depth 517 meters enclosed by depth contour (1000-meter) centered	22°36'S 83°42'W			609 (INT 609)	2Ed. 4/26/97 LAST NM 49/10 2/11
	Depth 397 meters enclosed by depth contour (1000-meter) centered	23°47'S 82°19'W			Add	Racon [S3.1] at light
	Depth 422 meters enclosed by depth contour (1000-meter) centered	25°34'S 89°42'W				Racon [S3.1] at light
					(7(51)07 Buenos Aires)	52°23'S 68°25'W 52°39'S 68°37'W

★609 (INT 609) 2Ed. 4/26/97 LAST NM 2/11 7/11  
 Add Depth 593 meters enclosed by depth contour  
 (1000-meter) centered 34°04'S 80°16'W  
 (NTM0016/2010)

609 (INT 609) 2Ed. 4/26/97 LAST NM 7/11 18/13  
 Delete Depth 92 meters 35°02'S 72°34'W  
 Depth 41 meters 35°06'S 72°44'W  
 Depth contour (100-meter) in vicinity 35°04'S 72°40'W

Depth 14 meters, blue tint and enclosing  
 dotted-line circle centered 35°10'S 72°45'W  
 Depth 13 meters, blue tint and enclosing  
 dotted-line circle centered 35°18'S 72°47'W  
 Depth 18 meters, blue tint and enclosing  
 dotted-line circle centered 36°11'S 73°25'W  
 Depth 29 meters, blue tint and enclosing  
 depth contour (30-meter) centered 36°20'S 73°36'W  
 (NTM0002/2013)

609 (INT 609) 2Ed. 4/26/97 LAST NM 18/13 3/14  
 Add Wreck [K29] 33°57'S 72°24'W  
 (7(76)13 Valparaiso)

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★621 5Ed. 6/29/96 NEW EDITION 36/96  
 Delete Depth 56 meters 14°46'S 147°47'W

R Bn (AERO) 8°48'S 140°13'W  
 8°56'S 139°33'W  
 9°46'S 139°01'W  
 (DMA; 12(50)96 Brest; BA RA)

621 5Ed. 6/29/96 LAST NM 36/96 52/96  
 Add Depth 490 meters 8°09'S 141°23'W  
 54 meters 10°13'S 137°55'W  
 (Fr CH 7371)

621 5Ed. 6/29/96 LAST NM 52/96 7/97  
 Add Depth 390 meters 23°31'S 136°00'W  
 675 meters 23°32'S 135°34'W  
 (33(30)96 Brest)

621 5Ed. 6/29/96 LAST NM 7/97 29/97  
 Substitute Depth 87 fathoms for 67 fathoms  
 (GIMM037/97) 18°20'S 148°30'W

621 5Ed. 6/29/96 LAST NM 29/97 5/00  
 Delete R Bn (AERO) 17°30'S 149°30'W  
 (BA RA)

621 5Ed. 6/29/96 LAST NM 5/00 32/00  
 Delete Depth 38 meters 7°57'S 140°58'W  
 Legend "Depths 20m...(1965)" 8°24'S 141°35'W

Add Depth 27 meters 8°22'S 140°54'W  
 Depth 49 meters 7°55'S 140°58'W  
 (4(21)99 Brest)

621 5Ed. 6/29/96 LAST NM 32/00 15/01  
 Substitute Depth 0.8 meter for islet  
 (44(52)00 Brest) 7°52'S 140°23'W

621 5Ed. 6/29/96 LAST NM 15/01 28/01  
 Delete Depth 25.5 meters 27°25'S 143°57'W  
 Depth 51 meters 27°23'S 143°47'W  
 Depth 36 meters "Rep (1972)" 27°43'S 143°18'W  
 Depth 58 meters 27°52'S 143°38'W

Add Depth 30 meters 27°26'S 144°01'W  
 (14(42)01 Brest)

621 5Ed. 6/29/96 LAST NM 28/01 39/01  
 Delete Depth 340 meters 14°30'S 152°14'W  
 (20(169)01 Wellington)

621 5Ed. 6/29/96 LAST NM 39/01 42/01  
 Delete R Bn (AERO) 21°49'S 138°47'W  
 (34(36)99 Brest)

621 5Ed. 6/29/96 LAST NM 42/01 7/02  
 Substitute Depth 9.3 meters for 2.7 meters "Rep 1950"  
 8°06'S 139°36'W

Depth 14 meters for 7.3 meters "1863" 8°42'S 140°43'W  
 (13(41)01 Brest)

621 5Ed. 6/29/96 LAST NM 7/02 22/02  
 Substitute Depth 159 meters for 87 fathoms  
 (See 29/97-621) 18°20'S 148°30'W  
 (NTM0020/2002)

621 5Ed. 6/29/96 LAST NM 22/02 8/05  
 Substitute Depth 19.8 meters for 30 meters  
 Depth 523 meters for 590 meters  
 (6(64)04 Wellington) 27°26'S 144°01'W  
 27°30'S 145°02'W

621 5Ed. 6/29/96 LAST NM 8/05 15/05  
 Add Depth 887 meters 16°47'S 155°12'W  
 Depth 550 meters 17°29'S 150°10'W  
 Depth 725 meters 18°13'S 152°46'W  
 Depth 456 meters 18°26'S 154°04'W  
 Depth 529 meters 19°28'S 148°34'W  
 (13(127)04 Wellington)

621 5Ed. 6/29/96 LAST NM 15/05 16/05  
 Substitute Depth 210 meters for 398 meters  
 (15(142)04 Wellington) 22°35'S 150°59'W

621 5Ed. 6/29/96 LAST NM 16/05 20/05  
 Substitute Depth 598 meters for 695 meters  
 18°48'S 152°15'W

Add Depth 776 meters 18°59'S 154°06'W  
 (17(167)04 Wellington)

621 5Ed. 6/29/96 LAST NM 20/05 21/05  
 Substitute Depth 547 meters for 675 meters  
 23°32.0'S 135°34.0'W

Add Depth 396 meters 15°17.0'S 135°07.5'W  
 (19(179)04 Wellington)

621 5Ed. 6/29/96 LAST NM 21/05 37/05  
 Delete Depth 525 meters and legend "Rep (1978)"  
 18°14'S 154°00'W

Substitute Depth 875 meters for 1038 meters 23°17'S 149°54'W  
 Depth 360 meters for 418 meters 21°33'S 155°27'W  
 Depth 839 meters for 1188 meters 21°48'S 151°30'W  
 Depth 944 meters for 1029 meters 21°15'S 150°44'W  
 Depth 462 meters for 300 meters 19°13'S 151°31'W

Add Depth 990 meters 20°47'S 150°48'W  
 (16(147, 148)05 Wellington)

621 5Ed. 6/29/96 LAST NM 37/05 43/05  
 Add Depth 197 meters 25°31'S 150°30'W  
 (19(181)05 Wellington)

621 5Ed. 6/29/96 LAST NM 43/05 6/06  
 Delete Depth 525 meters "Rep (1978)"  
 (47(5514)05 Taunton) 18°15'S 153°58'W

621 5Ed. 6/29/96 LAST NM 6/06 18/06  
 Add Depth 903 meters 10°26'S 139°01'W  
 (NTM0022/2006)

621 5Ed. 6/29/96 LAST NM 18/06 26/07  
 Add Depth 937 meters enclosed by dashed-line  
 circle 24°56'S 121°52'W

Danger circle [K1] "Seamount reported 1966"  
 24°22'S 128°33'W  
 (NTM0011/2007)

621 5Ed. 6/29/96 LAST NM 26/07 34/07  
 Delete Depth 4261 meters 29°04'S 144°42'W

Add Depth 3752 meters 29°06'S 144°53'W  
 Depth 3177 meters 29°38'S 148°56'W

(continued on next page)

<b>621</b>	(Continued)		34/07		
	Depth 3290 meters	29°11'S	147°35'W		
	Depth 3533 meters	29°31'S	149°59'W		
	Depth 2451 meters	31°59'S	148°14'W		
	Depth 3913 meters	31°31'S	149°53'W		
	Depth 3377 meters	33°38'S	141°15'W		
	Depth 3413 meters	34°07'S	142°19'W		
	Depth 3574 meters	32°18'S	140°21'W		
	Depth 3137 meters	29°57'S	140°42'W		
	Depth 3199 meters	30°16'S	141°56'W		
	Depth 3668 meters	29°20'S	143°08'W		
	Depth 4189 meters	33°02'S	142°19'W		
	Depth 1665 meters	20°04'S	143°26'W		
	(NTM0011/2007)				
<b>621</b>	5Ed. 6/29/96 LAST NM 34/07		36/07		
Add	Depth 1902 meters	24°39'S	149°50'W		
	Depth 1096 meters	27°40'S	145°48'W		
	Depth 1420 meters	26°33'S	146°23'W		
	(NTM0011/2007)				
<b>621</b>	5Ed. 6/29/96 LAST NM 36/07		38/07		
Add	Depth 2416 meters	48°29'S	146°11'W		
	Depth 1199 meters	47°55'S	149°45'W		
	(NTM0011/2007)				
<b>621</b>	5Ed. 6/29/96 LAST NM 36/07		39/07		
Add	Depth 2171 meters	25°12'S	153°09'W		
	Depth 2460 meters	25°50'S	152°57'W		
	Depth 2725 meters	28°15'S	151°26'W		
	Depth 2267 meters	23°44'S	154°20'W		
	Depth 1435 meters	24°06'S	156°27'W		
	(NTM0011/2007)				
<b>621</b>	5Ed. 6/29/96 LAST NM 39/07		41/07		
Delete	Danger circle (PA) and legend "Discol water Rep (1990)"	25°54'S	134°14'W		
Add	Depth 2100 meters	25°00'S	138°20'W		
	(NTM0011/2007)				
<b>621</b>	5Ed. 6/29/96 LAST NM 41/07		43/07		
Add	Depth 2347 meters	44°52'S	155°26'W		
	Depth 1814 meters	44°31'S	159°26'W		
	Depth 3176 meters	42°06'S	150°30'W		
	Depth 2835 meters	40°34'S	158°56'W		
	Depth 2875 meters	40°04'S	158°30'W		
	(NTM0011/2007)				
<b>621</b>	5Ed. 6/29/96 LAST NM 43/07		3/08		
Add	Depth 445 meters "Rep (2007)"	24°46'S	119°14'W		
	Depth 357 meters "Rep (2007)"	25°22'S	119°07'W		
	Depth 170 meters "Rep (2007)"	26°56'S	110°14'W		
	Depth 178 meters "Rep (2007)"	34°55'S	119°09'W		
	Depth 446 meters "Rep (2007)"	24°46'S	121°39'W		
	Depth 262 meters "Rep (2007)"	24°39'S	125°07'W		
	Depth 280 meters "Rep (2007)"	8°02'S	139°37'W		
	Depth 357 meters "Rep (2007)"	15°17'S	135°06'W		
	Danger circle [K1] "Shoal (Rep 2007)"	24°40'S	124°48'W		
	Danger circle [K1] "Shoal (Rep 2007)" (PA)	24°14'S	128°22'W		
	Danger circle [K1] "Shoal (Rep 2007)" (PA)	8°50'S	139°35'W		
	Danger circle [K1] "Shoal (Rep 2007)" (PA)	7°51'S	140°10'W		
	(NTM0009/2007)				
<b>621</b>	5Ed. 6/29/96 LAST NM 3/08		7/08		
Add	Depth 359 fathoms "Rep (2007)"	1°17'N	159°57'W		
	(NTM0003/2008)				
<b>621</b>	5Ed. 6/29/96 LAST NM 7/08		13/08		
Add	Depth 2321 meters (25(233)07 Wellington)	12°49'S	162°12'W		
<b>621</b>	5Ed. 6/29/96 LAST NM 13/08		28/08		
Add	Depth 523 meters "Rep (2007)"	24°51'S	124°53'W		
	(NTM0009/2007)				
<b>621</b>	5Ed. 6/29/96 LAST NM 28/08		35/08		
Add	Depth 595 meters "Rep (2007)"	24°50'S	121°50'W		
	(NTM0009/2007)				
<b>★621</b>	5Ed. 6/29/96 LAST NM 35/08		10/11		
Delete	Danger circle "Shoal (Rep 2007)" (PA)	7°51'S	140°10'W		
	Depth 396 meters	15°17'S	135°08'W		
Substitute	Depth 362 meters for 357 meters "Rep (2007)"	15°17'S	135°06'W		
	(NTM0010/2011)				
<b>★621</b>	5Ed. 6/29/96 LAST NM 10/11		22/15		
Delete	Islet "ED" and enclosing dotted-line circle in vicinity	59°20'S	120°20'W		
	(NTM0012/2015)				
<b>★621</b>	5Ed. 6/29/96 LAST NM 22/15		24/18		
Delete	Depth 359 fathoms "Rep (2007)"	1°17'N	159°57'W		
Add	Depth 1054 meters	1°18'N	159°57'W		
	(NTM0001/2018)				
<b>★622</b>	9Ed. 2/10/96 NEW EDITION		19/96		
Delete	R Bn (AERO) (Previously published 8/96)	5°26'S	154°40'E		
Add	Legend "(ED)" to depth 84 fathoms (Previously published 13/96)	36°10'S	173°27'E		
Delete	R Bn (AERO)	41°47'S	171°35'E		
Substitute	Danger circle "Submarine Volcano Rep (1996)" for depth 53 fathoms "Rep (1981)"	20°59'S	170°17'E		
	(DMA; 11(940)96 Taunton; BA RA)				
<b>622</b>	9Ed. 2/10/96 LAST NM 19/96		30/96		
Add	Danger circle "Shoal Rep"	20°20'S	177°32'W		
	(23(207)96 Auckland)	19°56'S	177°12'W		
		17°27'S	176°35'W		
<b>622</b>	9Ed. 2/10/96 LAST NM 30/96		44/96		
Relocate	Superbuoy ODAS close N to (38(318)96 Auckland)	42°42'S	170°08'E		
<b>622</b>	9Ed. 2/10/96 LAST NM 44/96		50/96		
Substitute	Depth 164 fathoms for 1039 fathoms	24°04'S	168°34'E		
Add	Depth				
	166 fathoms	17°32'S	169°23'E		
	289 fathoms	19°13'S	164°54'E		
	16 fathoms	20°56'S	161°40'E		
	Danger circle (ED)	22°06'S	159°45'E		
	(34(38)96 Brest)				
<b>622</b>	9Ed. 2/10/96 LAST NM 50/96		51/96		
Delete	R Bn (44(366)96 Auckland)	35°55'S	175°07'E		
<b>622</b>	9Ed. 2/10/96 LAST NM 51/96		17/97		
Delete	Danger circle (ED) (See 50/96-622)	22°06'S	159°45'E		
	(4(98)97 Wollongong)				
<b>622</b>	9Ed. 2/10/96 LAST NM 17/97		24/97		
Delete	Depth				
	630 fathoms	9°17'S	160°41'E		
	27 fathoms "Rep (1967)"	23°23'S	167°06'E		
Add	Depth				
	321 fathoms	9°18'S	160°37'E		
	199 fathoms "Rep (1981)"	8°34'S	160°08'E		
	(13(1186)97 Taunton; 8(36)97 Brest)				
<b>622</b>	9Ed. 2/10/96 LAST NM 24/97		26/97		
Delete	Depth 1170 fathoms	27°20'S	177°10'W		
Substitute	Depth 284 fathoms for 372 fathoms	20°35'S	177°10'W		
Add	Depth 289 fathoms (16(138)97 Auckland)	27°13'S	177°18'W		

622 9Ed. 2/10/96 LAST NM 26/97 29/97  
 Add Depth 10 fathoms "Rep (1997)" 27°24'S 179°14'W  
 (23(196)97 Auckland)

622 9Ed. 2/10/96 LAST NM 29/97 40/97  
 Add Depth 180 fathoms 27°56'S 171°07'W  
 (34(291)97 Auckland)

622 9Ed. 2/10/96 LAST NM 40/97 17/98  
 Delete Depth 10 fathoms "Rep (1942)" 22°59'S 168°20'E  
 (30(34)97 Brest)

622 9Ed. 2/10/96 LAST NM 17/98 26/98  
 Delete Depth 38 fathoms and legend "Volcanic...1990)" 25°53'S 177°09'W  
 Add Depth 3 fathoms with legend "Volcanic activity Rep (1998)" 25°53'S 177°11'W  
 (GIMM016/98)

622 9Ed. 2/10/96 LAST NM 26/98 47/99  
 Add Danger circle "Shoal Rep (1999)" 22°11'S 171°10'E  
 (27(2499)99 Taunton; NTM0034/1999)

622 9Ed. 2/10/96 LAST NM 47/99 52/99  
 Add Depth 69 meters [I10] 22°32'S 161°19'E  
 Danger circle "Shoal Rep (1999)" [I4] 19°50'S 176°05'W  
 (43(411), 44(418)99 Auckland)

622 9Ed. 2/10/96 LAST NM 52/99 4/01  
 Delete Depth 61 fathoms 29°40'S 167°52'E  
 (10(291)99 Wollongong)

622 9Ed. 2/10/96 LAST NM 4/01 15/01  
 Add Depth 323 fathoms "Sub vol" enclosed by danger circle 14°13'S 169°04'W  
 (NTM0013/2001)

622 9Ed. 2/10/96 LAST NM 15/01 16/01  
 Add Depth 237 fathoms 38°30'S 169°08'E  
 Depth 260 fathoms 38°45'S 168°46'E  
 (50(468)99 Wellington)

622 9Ed. 2/10/96 LAST NM 16/01 29/01  
 Add Depth 105 fathoms 51°10'S 165°32'E  
 (1(21)00 Wellington)

622 9Ed. 2/10/96 LAST NM 29/01 39/01  
 Add Depth 5 1/2 fathoms "Rep (2001)" [I3.2] 15°57'S 175°39'E  
 (20(168)01 Wellington)

622 9Ed. 2/10/96 LAST NM 39/01 9/02  
 Add Legend "Volcanic Activity (2001)" 18°19'S 174°25'W  
 (2(27)02 Wellington)

622 9Ed. 2/10/96 LAST NM 9/02 12/02  
 Add Danger circle [K1] "Volcanic Activity Rep (2001)" 18°47'S 179°11'E  
 (3(34)02 Wellington)

622 9Ed. 2/10/96 LAST NM 12/02 14/02  
 Delete Depth 16 fathoms "Rep (1981)" 38°56'S 147°59'E  
 (1(59)02 Wollongong)

622 9Ed. 2/10/96 LAST NM 14/02 20/02  
 Substitute Depth 37 fathoms for 69 meters 22°32'S 161°19'E  
 (See 52/99-622)  
 (NTM0020/2002)

622 9Ed. 2/10/96 LAST NM 20/02 47/02  
 Delete R Bn (AERO) 30°19'S 153°07'E  
 R Bn (AERO) 40°05'S 148°01'E  
 R Bn (AERO) 28°09'S 153°30'E  
 R Bn (AERO) 21°10'S 149°11'E  
 (BA RA)

622 9Ed. 2/10/96 LAST NM 47/02 6/03  
 Delete Depth 10 fathoms 12°53'S 175°39'W  
 Add Depth 8 fathoms 12°57'S 175°40'W  
 (47(4391)99 Taunton)

622 9Ed. 2/10/96 LAST NM 6/03 11/05  
 Add "Restricted Area - Coastal shipping and dredging prohibited" bound by purple composite line [N2.1] joining 23°15.0'S 167°00.0'E  
 23°15.0'S 169°00.0'E  
 25°30.0'S 169°00.0'E  
 25°30.0'S 167°00.0'E  
 (23(33)04 Brest)

622 9Ed. 2/10/96 LAST NM 11/05 12/05  
 Add Wreck [K29] 40°32'S 173°10'E  
 (9(89)04 Wellington)

622 9Ed. 2/10/96 LAST NM 11/05 13/05  
 Add Buoy Y, spherical, "X" topmark, Fl(3) Y 15s 56°39'S 174°40'E  
 (10(103)04 Wellington)

622 9Ed. 2/10/96 LAST NM 13/05 17/05  
 Change Legend to "Restricted Area - Coastal shipping, trawling and dredging prohibited" 24°30'S 168°00'E  
 (See 11/05-622)  
 (16(159)04 Wellington)

622 9Ed. 2/10/96 LAST NM 17/05 26/05  
 Delete Depth 15 fathoms, danger circle and legend "Rep (1945)" 23°34'S 154°15'E  
 Legend "Breakers Rep (1950)" 23°45'S 155°24'E  
 Danger circle "Discol'd water Rep (1945)" 23°58'S 154°24'E  
 Substitute Depth 231 fathoms for danger circle "Obstr Rep (1956)" 22°48'S 154°05'E  
 Add Depth 911 fathoms 24°00'S 153°55'E  
 (Aus CH 426)

622 9Ed. 2/10/96 LAST NM 26/05 29/05  
 Add Depth 339 fathoms 25°16'S 168°55'E  
 Depth 260 fathoms 23°33'S 167°19'E  
 (2(26)05 Wellington)

622 9Ed. 2/10/96 LAST NM 29/05 30/05  
 Delete Depth 293 fathoms 30°10'S 171°14'E  
 Legend "Rep (1967)" 30°25'S 167°22'E  
 Legend "Rep (1973)" 21°25'S 157°04'E  
 Substitute Depth 124 fathoms for 191 fathoms 30°23'S 167°54'E  
 Depth 8 fathoms for 9 fathoms 21°43'S 156°44'E  
 Add Depth 205 fathoms 30°06'S 171°16'E  
 (3(35)05 Wellington)

622 9Ed. 2/10/96 LAST NM 30/05 46/05  
 Substitute Depth 12 fathoms for 18 fathoms "Rep (1964)" 16°40'S 178°35'W  
 (NTM0031/2005)

622 9Ed. 2/10/96 LAST NM 46/05 1/06  
 Add Danger circle "Obstn" [K40] 46°39'S 178°32'E  
 Danger circle "Obstn" [K40] 49°35'S 179°57'E  
 Danger circle "Obstn" [K40] 50°16'S 180°00'E  
 Depth 109 fathoms 50°40'S 167°42'E  
 Depth 91 fathoms 50°44'S 167°21'E  
 Depth 252 fathoms 52°41'S 173°36'E  
 Depth 305 fathoms 30°27'S 174°17'E  
 Depth 347 fathoms 29°53'S 174°06'E  
 Depth 14 fathoms 47°23'S 167°51'E  
 (34(4043)05 Taunton)

622 9Ed. 2/10/96 LAST NM 1/06 5/06  
 Add Danger circle "Obstn" [K40] 9°10'S 153°17'E  
 (NTM0009/2006)

<b>622</b>	9Ed. 2/10/96 LAST NM 5/06	13/06		
Delete	Depth 19 fathoms "Rep (1986) PD" and enclosing depth contour centered (33(3601)03 Taunton)	32°00'S 166°55'E		
<b>622</b>	9Ed. 2/10/96 LAST NM 13/06	16/06		
Delete	Depth 13 fathoms "Rep (1993)" and enclosing depth contour (20-fathom)	32°25'S 167°35'E		
	Depth 25 fathoms "Rep (1956)" and enclosing depth contour (100-fathom)	32°15'S 166°56'E		
	Depth 8¾ fathoms "Rep (1982)" and enclosing depth contour (20-fathom)	32°08'S 167°20'E		
Substitute	Depth 52 fathoms for 77 fathoms "Rep (1957)"	31°42'S 167°50'E		
Add	Depth 260 fathoms (26(248)05 Wellington)	32°12'S 168°05'E		
<b>622</b>	9Ed. 2/10/96 LAST NM 16/06	19/06		
Add	Depth 191 fathoms (34(4042)05 Taunton)	36°19'S 178°02'E		
<b>622</b>	9Ed. 2/10/96 LAST NM 16/06	20/06		
Substitute	Depth 4 fathoms for 7¼ fathoms (42(51)04 Brest)	16°05'S 173°50'W		
<b>622</b>	9Ed. 2/10/96 LAST NM 20/06	25/06		
Add	Depth 20 fathoms enclosed by depth contour (100-fathom) centered (11(115)06 Wellington)	23°12'S 159°27'E		
<b>622</b>	9Ed. 2/10/96 LAST NM 25/06	35/07		
Add	Depth 355 fathoms	38°15'S 164°55'E		
	Depth 1000 fathoms (NTM0011/2007)	39°18'S 161°00'E		
<b>622</b>	9Ed. 2/10/96 LAST NM 35/07	36/07		
Add	Depth 706 fathoms	39°59'S 165°51'W		
	Depth 758 fathoms	39°37'S 166°40'W		
	Depth 1206 fathoms	38°58'S 166°30'W		
	Depth 450 fathoms	39°06'S 167°22'W		
	Depth 695 fathoms	39°22'S 167°49'W		
	Depth 565 fathoms	37°28'S 169°21'W		
	Depth 581 fathoms	38°00'S 168°15'W		
	Depth 522 fathoms	36°54'S 169°43'W		
	Depth 1090 fathoms	36°17'S 169°39'W		
	Depth 828 fathoms	32°33'S 171°48'W		
	Depth 931 fathoms	32°12'S 171°52'W		
	Depth 892 fathoms	30°10'S 173°19'W		
	Depth 892 fathoms	30°38'S 172°53'W		
	Depth 916 fathoms	29°37'S 173°25'W		
	Depth 978 fathoms	29°19'S 173°12'W		
	Depth 627 fathoms	34°43'S 170°40'W		
	Depth 688 fathoms	33°49'S 171°24'W		
	Depth 309 fathoms	29°33'S 179°47'W		
	Depth 562 fathoms	33°09'S 179°56'W		
	Depth 369 fathoms	33°37'S 179°50'W		
	Depth 373 fathoms (NTM0011/2007)	33°28'S 179°37'W		
<b>622</b>	9Ed. 2/10/96 LAST NM 36/07	37/07		
Add	Depth 61 fathoms	29°40'S 167°52'E		
	Depth 405 fathoms	44°00'S 160°40'W		
	Depth 376 fathoms	43°37'S 161°27'W		
	Depth 450 fathoms	42°48'S 161°57'W		
	Depth 358 fathoms	42°14'S 162°48'W		
	Depth 425 fathoms	41°23'S 164°15'W		
	Depth 418 fathoms	40°53'S 165°04'W		
	Depth 584 fathoms	40°26'S 165°40'W		
	Depth 1046 fathoms (NTM0011/2007)	40°28'S 169°00'W		
<b>622</b>	9Ed. 2/10/96 LAST NM 37/07	3/08		
Add	Depth 192 fathoms	43°28'S 175°25'W		
	Depth 104 fathoms	43°35'S 175°37'W		
	Depth 538 fathoms	44°41'S 175°28'W		
	Depth 733 fathoms	44°43'S 172°18'W		
	Depth 892 fathoms	41°27'S 174°07'W		
	Depth 197 fathoms	48°10'S 179°37'W		
	Depth 364 fathoms	47°47'S 178°55'W		
	Depth 322 fathoms	47°38'S 179°27'W		
	Depth 1372 fathoms	45°50'S 175°32'W		
	Depth 1904 fathoms (NTM0011/2007)	46°07'S 170°28'W		
<b>622</b>	9Ed. 2/10/96 LAST NM 3/08	10/08		
Add	Buoy RW, can, FI Y 3s (23(209)07 Wellington)	46°56'S 160°28'E		
<b>622</b>	9Ed. 2/10/96 LAST NM 10/08	13/08		
Add	Depth 1269 fathoms	12°49'S 162°12'W		
	Depth 2795 fathoms (25(233)07 Wellington)	21°41'S 163°46'W		
<b>622</b>	9Ed. 2/10/96 LAST NM 13/08	14/08		
Substitute	Depth 11¼ fathoms for 182 fathoms and delete legend "Rep (1981)" close E (NTM0008/2008)	18°24'S 155°19'E		
<b>622</b>	9Ed. 2/10/96 LAST NM 14/08	21/08		
Add	"Depths to 181fms rep (2007)" area bound by dashed line joining	30°31'S 156°12'E 30°54'S 156°34'E 30°54'S 156°11'E 30°39'S 156°03'E		
	Danger circle [K1] "Shoal rep (2007)" (PA)	32°39'S 156°18'E		
	"Shoal rep (2007)" area bound by dotted line joining	33°00'S 156°00'E 33°00'S 156°20'E 33°23'S 156°20'E 33°23'S 156°00'E		
	(NTM0009/2007)			
<b>622</b>	9Ed. 2/10/96 LAST NM 21/08	24/08		
Substitute	Depth 198 fathoms for 225 fathoms	8°41'S 154°37'E		
	Depth 222 fathoms for 495 fathoms	27°41'S 155°16'E		
	Depth 177 fathoms for 180 fathoms	27°00'S 159°22'E		
Add	Depth 272 fathoms	1°05'S 148°02'E		
	Depth 199 fathoms	30°34'S 156°11'E		
	Depth 223 fathoms	1°06'S 148°50'E		
	Depth 151 fathoms	22°11'S 159°04'E		
	Depth 157 fathoms (NTM0026/2007)	22°52'S 159°18'E		
<b>622</b>	9Ed. 2/10/96 LAST NM 24/08	27/08		
Delete	Depth 20 fathoms and enclosing depth contour (100-fathom) centered	23°12'S 159°27'E		
Add	Depth 144 fathoms	23°24'S 159°50'E		
	"Depths to 174fms rep (2007)" area bound by dashed line joining	23°00'S 159°47'E 23°30'S 159°47'E 23°30'S 159°20'E 23°00'S 159°20'E		
	"Shoal rep (2007)" area bound by dotted line joining	23°52'S 159°42'E 24°15'S 159°42'E 24°15'S 159°15'E 23°52'S 159°15'E		
	"Shoal rep (2007)" area bound by dotted line joining	24°40'S 160°00'E 25°40'S 160°00'E 25°40'S 159°25'E 24°40'S 159°25'E		
	(NTM0009/2007, NTM0026/2007)			
<b>622</b>	9Ed. 2/10/96 LAST NM 27/08	40/08		
Add	Depth 519 fathoms	16°05'S 151°31'E		
	Depth 432 fathoms (NTM0026/2007)	16°52'S 151°53'E		
<b>622</b>	9Ed. 2/10/96 LAST NM 40/08	41/08		
Substitute	Depth 140 fathoms for 143 fathoms (NTM0026/2007)	26°41'S 159°22'E		
<b>★622</b>	9Ed. 2/10/96 LAST NM 41/08	48/08		
Delete	Depth 39 fathoms "Rep (1946)"	11°35'S 154°50'E		
Substitute	Depth 168 fathoms for 185 fathoms	9°12'S 153°53'E		
Add	Depth 527 fathoms	5°00'S 157°07'E		

(continued on next page)





622	9Ed. 2/10/96 LAST NM 10/11	36/11					
	Add Depth 60 fathoms Wk [K26]	36°13'S 150°17'E					
	(15(728)11 Wollongong)						
622	9Ed. 2/10/96 LAST NM 36/11	2/12					
	Delete AERO R Bn	6°37'S 147°51'E					
	(23(1181)11 Wollongong)						
622	9Ed. 2/10/96 LAST NM 2/12	29/12					
	Add Depth 650 fathoms enclosed by dashed-line						
	circle centered	24°06'S 155°22'E					
	(NTM0003/2012)						
622	9Ed. 2/10/96 LAST NM 29/12	40/12					
	Add Danger circle [K1] "Volcanic Activity Rep						
	(2012)"	30°57'S 179°08'W					
	(19(157)12 Wellington)						
★623	9Ed. 8/31/96 NEW EDITION	47/96					
	Delete Depth 7.7 meters	1°42'N 107°26'E					
	(NIMA; MCC1306/94)						
623	9Ed. 8/31/96 LAST NM 47/96	52/96					
	Delete Depth 10 meters	10°20'S 141°00'E					
	(34(567)96 Wollongong)						
623	9Ed. 8/31/96 LAST NM 52/96	7/97					
	Substitute Depth 7.8 meters for 6.4 meters	14°07'S 146°48'E					
	(37(634)96 Wollongong)						
623	9Ed. 8/31/96 LAST NM 7/97	15/97					
	Substitute Depth 14 meters for						
	dangerous submerged rock	40°24'S 144°05'E					
	(3(81)97 Wollongong)						
623	9Ed. 8/31/96 LAST NM 15/97	38/97					
	Add Depth 14.3 meters "Rep (1997)"	8°21'S 127°29'E					
	(GIMM043/96)						
623	9Ed. 8/31/96 LAST NM 38/97	44/97					
	Delete Depth						
	8.7 meters	9°44'S 129°06'E					
	7.3 meters	10°44'S 125°40'E					
	Add Depth						
	7 meters	9°53'S 129°17'E					
	7 meters	9°43'S 129°02'E					
	(16(450, 451)97 Wollongong)						
623	9Ed. 8/31/96 LAST NM 44/97	50/97					
	Add Depth 106 meters "Rep (1977)"	3°29'S 143°58'E					
	(20(549)97 Wollongong)						
623	9Ed. 8/31/96 LAST NM 50/97	9/98					
	Delete Dotted-line circle (PA)	12°35'S 130°02'E					
	(1(41)98 Wollongong)						
623	9Ed. 8/31/96 LAST NM 9/98	33/98					
	Substitute Depth 12.2 meters for 12.8 meters	10°08'S 129°31'E					
	(10(259)98 Wollongong)						
623	9Ed. 8/31/96 LAST NM 33/98	9/99					
	Add Depth 15.1 meters	10°42'S 126°14'E					
	(24(695)98 Wollongong)						
623	9Ed. 8/31/96 LAST NM 9/99	16/99					
	Substitute Depth 13.8 meters for 15.1 meters	10°42'S 126°14'E					
	(See 9/99-623)						
	(1(44)99 Wollongong)						
623	9Ed. 8/31/96 LAST NM 16/99	20/99					
	Add Danger circle "Obstn"	7°20'S 116°15'E					
	(26(2286)98 Taunton)						
623	9Ed. 8/31/96 LAST NM 20/99	39/99					
	Delete Lightship	10°44'S 141°03'E					
	(12(344)99 Wollongong)						
623	9Ed. 8/31/96 LAST NM 39/99	48/99					
	Add Depth 631 meters [I10]	43°55'S 150°28'E					
	(21(591)99 Wollongong)						
623	9Ed. 8/31/96 LAST NM 48/99	14/02					
	Delete Depth 29 meters and enclosing danger circle	38°56'S 147°59'E					
	(1(59)02 Wollongong)						
623	9Ed. 8/31/96 LAST NM 14/02	47/02					
	Delete R Bn (AERO)	30°19'S 153°07'E					
	R Bn (AERO)	41°00'S 145°42'E					
	R Bn (AERO)	40°06'S 148°01'E					
	R Bn (AERO)	39°53'S 143°52'E					
	R Bn (AERO)	38°36'S 145°36'E					
	R Bn (AERO)	12°24'S 130°54'E					
	R Bn (AERO)	28°10'S 153°30'E					
	R Bn (AERO)	21°10'S 149°11'E					
	R Bn (AERO)	16°55'S 145°48'E					
	(BA RA)						
623	9Ed. 8/31/96 LAST NM 47/02	19/03					
	Delete R Bn (AERO)	34°57'S 138°33'E					
	(BA RA)						
623	9Ed. 8/31/96 LAST NM 19/03	36/03					
	Delete R Bn (AERO)	24°53'S 113°42'E					
	(BA RA)						
623	9Ed. 8/31/96 LAST NM 36/03	26/05					
	Delete Depth 27.5 meters and danger circle	23°34'S 154°15'E					
	Danger circle "Breakers"	23°58'S 154°24'E					
	(Aus CH 426)						
623	9Ed. 8/31/96 LAST NM 26/05	18/06					
	Add Wreck [K29]	4°44'S 109°18'E					
	(2(7)06 Jakarta)						
623	9Ed. 8/31/96 LAST NM 18/06	14/08					
	Substitute Depth 42 meters for 44 meters	20°41'S 154°12'E					
	Depth 21 meters for 333 meters	18°24'S 155°19'E					
	(NTM0008/2008)						
623	9Ed. 8/31/96 LAST NM 14/08	19/08					
	Substitute Depth 69 meters "Rep (2001)" [I3.2] for						
	731 meters	6°31'S 104°46'E					
	(5(523)08 Taunton)						
623	9Ed. 8/31/96 LAST NM 19/08	21/08					
	Add "Depths to 331m rep (2007)" area bound by						
	dashed line joining	30°31'S 156°12'E					
		30°54'S 156°34'E					
		30°54'S 156°11'E					
		30°39'S 156°03'E					
	Danger circle [K1] "Shoal rep (2007)" (PA)	32°39'S 156°18'E					
	"Shoal rep (2007)" area bound by dotted line						
	joining	33°00'S 156°00'E					
		33°00'S 156°20'E					
		33°23'S 156°20'E					
		33°23'S 156°00'E					
	(NTM0009/2007)						
623	9Ed. 8/31/96 LAST NM 21/08	24/08					
	Delete R Bn	1°50'N 125°05'E					
	Substitute Depth 362 meters for 411 meters	8°41'S 154°37'E					
	Add Depth 498 meters	1°05'S 148°02'E					
	Depth 365 meters	30°34'S 156°11'E					
	Depth 409 meters	1°06'S 148°50'E					
	(BA LL; NTM0026/2007)						
623	9Ed. 8/31/96 LAST NM 24/08	27/08					
	Add Depth 411 meters	28°20'S 155°37'E					
	(NTM0026/2007)						

<b>623</b>	9Ed. 8/31/96	LAST NM 27/08	37/08	
	Substitute	Depth 306 meters for 338 meters	9°12'S 153°53'E	
	(NTM0026/2007)			
<b>★623</b>	9Ed. 8/31/96	LAST NM 37/08	39/08	
	Add	Depth 362 meters	5°43'S 154°05'E	
	(NTM0026/2007)			
<b>623</b>	9Ed. 8/31/96	LAST NM 39/08	40/08	
	Add	Depth 950 meters	16°05'S 151°31'E	
		Depth 790 meters	16°52'S 151°53'E	
	(NTM0026/2007)			
<b>★623</b>	9Ed. 8/31/96	LAST NM 40/08	48/08	
	Delete	Depth 71 meters and enclosing dotted-line circle	11°35'S 154°54'E	
	Add	Depth 1644 meters	11°27'S 154°59'E	
		Depth 1958 meters	11°37'S 154°55'E	
	(NTM0026/2007)			
<b>623</b>	9Ed. 8/31/96	LAST NM 48/08	52/08	
	Add	Depth 1000 meters	0°53'S 147°45'E	
	(NTM0026/2007)			
<b>★623</b>	9Ed. 8/31/96	LAST NM 52/08	29/09	
	Substitute	Depth 395 meters for 411 meters	28°20'S 155°38'E	
		Depth 373 meters for 397 meters	28°39'S 155°32'E	
	Add	Depth 384 meters	27°58'S 155°37'E	
		Depth 1161 meters	23°35'S 154°25'E	
	(NTM0011/2009)			
<b>623</b>	9Ed. 8/31/96	LAST NM 29/09	33/09	
	Delete	"Depths to 331m rep (2007)" area in vicinity	30°45'S 156°15'E	
		Danger circle "Shoal rep (2007)"	32°39'S 156°18'E	
		"Shoal rep (2007)" area in vicinity	33°10'S 156°15'E	
	Substitute	Depth 276 meters for 280 meters	30°48'S 156°14'E	
		Depth 347 meters for 365 meters	30°34'S 156°11'E	
		Depth 241 meters for 250 meters	32°36'S 156°20'E	
	(NTM0011/2009)			
<b>623</b>	9Ed. 8/31/96	LAST NM 33/09	7/10	
	Add	"Depths to 198m rep (2009)" area bound by dashed-line circle, radius 8 miles, centered	5°19'S 128°15'E	
	(NTM0011/2009)			
<b>623</b>	9Ed. 8/31/96	LAST NM 7/10	36/11	
	Add	Depth 110 meters Wk [K26]	36°13'S 150°17'E	
	(15(728)11 Wollongong)			
<b>623</b>	9Ed. 8/31/96	LAST NM 36/11	27/12	
	Delete	Superbuoy SBM	12°07'S 125°01'E	
	(9(431)12 Wollongong)			
<b>623</b>	9Ed. 8/31/96	LAST NM 27/12	29/12	
	Add	Depth 1188 meters enclosed by dotted-line circle centered	24°06'S 155°22'E	
	(NTM0003/2012)			
<b>623</b>	9Ed. 8/31/96	LAST NM 29/12	45/15	
	Add	"Depths to 115m rep (2008)" area bound by dashed-line circle, radius 10 miles, centered	11°24'S 104°59'E	
	(NTM0011/2015)			
<b>623</b>	9Ed. 8/31/96	LAST NM 45/15	41/16	
	Delete	R Bn (AERO)	10°27'S 105°42'E	
	(24(1062)07 Wollongong)			
<b>★624</b>	3Ed. 3/21/81	NEW EDITION (DMAHTC)	20/81	
<b>624</b>	3Ed. 3/21/81	LAST NM 20/81	32/81	
	Add	Depth 128 fathoms	51°01'S 167°23'E	
	(25(145)81 Auckland)			
<b>624</b>	3Ed. 3/21/81	LAST NM 32/81	39/83	
	Delete	Depths		
		52 fathoms "Rep (1963)"	44°15'S 175°56'E	
		80 fathoms	44°32'S 176°12'E	
	Add	Depth 54 fathoms	44°25'S 176°02'E	
	(30(192)83 Auckland)			
<b>624</b>	3Ed. 3/21/81	LAST NM 39/83	3/84	
	Add	R Bns (AERO)	41°46.0'S 171°35.0'E	
			42°44.0'S 170°56.0'E	
		Depth 14 fathoms	50°31.0'S 166°36.0'E	
	(NZ CH 4600)			
<b>624</b>	3Ed. 3/21/81	LAST NM 3/84	33/85	
	Delete	Depth 5 fathoms "Rep (1963)"	45°21'S 171°25'E	
	(28(157)85 Auckland)			
<b>624</b>	3Ed. 3/21/81	LAST NM 33/85	44/85	
	Add	Depth 10 fathoms	46°43.5'S 168°47.0'E	
	(HNNM7595/85)			
<b>624</b>	3Ed. 3/21/81	LAST NM 44/85	15/86	
	Add	Depth 10 fathoms	71°12'S 170°03'E	
	(BA CH 3173)			
<b>624</b>	3Ed. 3/21/81	LAST NM 15/86	47/86	
	Add	Depths		
		83 fathoms	43°35'S 176°11'W	
		16 fathoms	44°07'S 176°02'W	
	(39(276)86 Auckland)			
<b>624</b>	3Ed. 3/21/81	LAST NM 47/86	22/87	
	Add	Light symbols	43°50'S 176°53'W	
			43°43'S 176°14'W	
			43°36'S 169°34'E	
			44°13'S 176°13'W	
		R Bn (AERO)	41°20'S 174°49'E	
	(BA CH 4600)			
<b>624</b>	3Ed. 3/21/81	LAST NM 22/87	15/88	
	Add	Depths		
		84 fathoms	56°09'S 158°31'E	
		53 fathoms "Rep (1988)"	50°27'S 165°33'E	
	(BA CH 788; 4(50)88 Auckland)			
<b>624</b>	3Ed. 3/21/81	LAST NM 15/88	50/88	
	Add	Depths		
		164 fathoms	43°33'S 177°33'W	
		148 fathoms	43°40'S 175°50'W	
	(33(207)88 Auckland)			
<b>624</b>	3Ed. 3/21/81	LAST NM 50/88	10/89	
	Delete	R Bn	46°10'S 166°40'E	
		R Bn (AERO)	43°28'S 172°34'E	
	(48(293), 49(299)88 Auckland)			
<b>624</b>	3Ed. 3/21/81	LAST NM 10/89	47/89	
	Add	Depth 210 fathoms	48°49'S 164°45'E	
	(35(207)89 Auckland)			
<b>624</b>	3Ed. 3/21/81	LAST NM 47/89	14/91	
	Add	Depths		
		385 fathoms (PA)	67°45.2'S 167°04.6'E	
		290 fathoms (PA)	67°43.6'S 166°56.3'E	
		280 fathoms (PA)	67°36.4'S 166°47.1'E	
		390 fathoms (PA)	67°30.8'S 166°41.5'E	
	(MCNM1082/91)			
<b>624</b>	3Ed. 3/21/81	LAST NM 14/91	14/92	
	Add	Depth 23 fathoms	52°20'S 169°37'E	
	(1(23)92 Auckland)			
<b>624</b>	3Ed. 3/21/81	LAST NM 14/92	31/92	
	Add	Depth 32 fathoms	43°21'S 174°57'E	
	(12(100)92 Auckland)			

<b>624</b>	3Ed. 3/21/81 LAST NM 31/92 Add Depth 275 fathoms (49(344)92 Auckland)	11/93 47°31'S 177°03'E		<b>624</b>	3Ed. 3/21/81 LAST NM 1/99 Delete Light (GIMM011/99)	14/99 44°13'S 176°13'W
<b>624</b>	3Ed. 3/21/81 LAST NM 11/93 Delete R Bn at light (26(202)93 Auckland)	36/93 43°44.8'S 173°07.7'E		<b>624</b>	3Ed. 3/21/81 LAST NM 14/99 Add Depth 364 fathoms 61 fathoms (8(101)99 Auckland)	16/99 47°47'S 178°55'W 47°39'S 179°39'E
<b>624</b>	3Ed. 3/21/81 LAST NM 36/93 Add Depth 7 fathoms (2(29)94 Auckland)	10/94 43°28'S 176°51'W		<b>624</b>	3Ed. 3/21/81 LAST NM 16/99 Add Depth 105 fathoms (1(21)00 Wellington)	29/01 51°10'S 165°32'E
<b>624</b>	3Ed. 3/21/81 LAST NM 10/94 Add Superbuoy ODAS with light flare symbol (26(202)94 Auckland)	33/94 42°47'S 170°04'E		<b>624</b>	3Ed. 3/21/81 LAST NM 29/01 Add Legend "Lies 3 miles NW of charted position (2001)" centered (8(74)02 Wellington)	22/02 67°05'S 162°20'E
<b>624</b>	3Ed. 3/21/81 LAST NM 33/94 Add Depth 87 fathoms (46(3869)94 Taunton)	2/95 54°48.0'S 159°36.0'E		<b>624</b>	3Ed. 3/21/81 LAST NM 22/02 Add Depth 76 fathoms enclosed by depth contour (100-fathom) (16(1842)03 Taunton)	7/04 71°04'S 171°10'E
<b>624</b>	3Ed. 3/21/81 LAST NM 2/95 Substitute Depth 17 fathoms for 40 fathoms (18(151)95 Auckland)	22/95 46°35'S 165°55'E		<b>624</b>	3Ed. 3/21/81 LAST NM 7/04 Add Wreck [K29] (2(29)04 Wellington)	9/05 41°44'S 174°58'E
<b>624</b>	3Ed. 3/21/81 LAST NM 22/95 Delete Depth 87 fathoms (Supersedes 2/95-624)	30/95 54°48'S 159°36'E		<b>624</b>	3Ed. 3/21/81 LAST NM 9/05 Add Buoy Y, spherical, "X" topmark, Fl(3) Y 15s (10(103)04 Wellington)	13/05 56°39'S 174°40'E
<b>624</b>	3Ed. 3/21/81 LAST NM 30/95 Delete Light symbol (26(211)95 Auckland)	34/95 45°07'S 170°59'E		<b>624</b>	3Ed. 3/21/81 LAST NM 13/05 Add Danger circle "Obstn" [K40] Danger circle "Obstn" [K40] Danger circle "Obstn" [K40] (34(4043)05 Taunton)	1/06 46°38.5'S 178°31.5'E 49°35.0'S 179°57.0'E 50°16.0'S 180°00.0'
<b>624</b>	3Ed. 3/21/81 LAST NM 34/95 Add Islet (33(261)95 Auckland)	40/95 43°31'S 176°55'W		<b>624</b>	3Ed. 3/21/81 LAST NM 1/06 Delete Light symbol and legend "Cape Saunders" (14(145)06 Wellington)	33/06 45°53'S 170°44'E
<b>624</b>	3Ed. 3/21/81 LAST NM 40/95 Delete R Bn (38(295)95 Auckland)	46/95 46°39'S 168°26'E		<b>624</b>	3Ed. 3/21/81 LAST NM 33/06 Add Depth 67 fathoms Depth 109 fathoms Depth 91 fathoms Depth 252 fathoms (NTM0011/2007)	39/07 50°27'S 165°41'E 50°40'S 167°42'E 50°44'S 167°21'E 52°41'S 173°36'E
<b>624</b>	3Ed. 3/21/81 LAST NM 46/95 Delete R Bn (AERO) at light (BA RA)	5/96 42°25'S 173°42'E		<b>624</b>	3Ed. 3/21/81 LAST NM 39/07 Add Depth 104 fathoms Depth 138 fathoms Depth 538 fathoms Depth 733 fathoms Depth 892 fathoms Depth 197 fathoms Depth 322 fathoms Depth 1372 fathoms Depth 1904 fathoms (NTM0011/2007)	3/08 43°35'S 175°37'W 44°11'S 175°16'W 44°41'S 175°28'W 42°43'S 172°18'W 41°27'S 174°07'W 48°10'S 179°37'W 47°38'S 179°27'W 45°50'S 175°32'W 46°07'S 170°28'W
<b>624</b>	3Ed. 3/21/81 LAST NM 5/96 Delete R Bn (AERO) (PA) (BA RA)	22/96 41°46.0'S 171°35.0'E		<b>624</b>	3Ed. 3/21/81 LAST NM 3/08 Add Buoy RW, can, Fl Y 3s (23(209)07 Wellington)	10/08 46°56'S 160°28'E
<b>624</b>	3Ed. 3/21/81 LAST NM 22/96 Delete Depth 46 fathoms "Rep (1966)" Add Depth 85 fathoms Depth 32 fathoms with legend "Balleny Seamount" (NZ CH 14065)	43/96 65°30'S 160°55'E 49°25'S 178°45'E 65°27'S 161°00'E		<b>★624</b>	3Ed. 3/21/81 LAST NM 10/08 Add "Shoal rep (2009)" area bound by dotted line joining "Shoal rep (2009)" area bound by dotted line joining	7/10 45°41'S 166°21'E 46°42'S 166°21'E 47°15'S 165°46'E 46°39'S 165°27'E 48°19'S 166°11'E 48°10'S 166°21'E 48°47'S 166°21'E 48°38'S 166°11'E
<b>624</b>	3Ed. 3/21/81 LAST NM 43/96 Relocate Superbuoy ODAS (42°47'S 170°04'E) to (38(318)96 Auckland)	44/96 42°42'S 170°08'E				
<b>624</b>	3Ed. 3/21/81 LAST NM 44/96 Delete Depth 39 fathoms "Rep (1970)" Add Depth 2 fathoms (17(152)98 Auckland)	29/98 54°02'S 159°03'E 54°01'S 159°03'E				
<b>624</b>	3Ed. 3/21/81 LAST NM 29/98 Add Depth 11 fathoms (46(392)98 Auckland)	1/99 43°38'S 176°47'W				

(continued on next page)

<b>624</b>	(Continued)		7/10				
	"Shoal rep (2009)" area bound by dotted line joining	49°00'S 166°19'E 49°00'S 170°00'E 53°00'S 170°00'E 53°00'S 167°45'E 52°04'S 165°19'E 51°19'S 165°16'E					
	"Depths to 162fms rep (2009)" area bound by dashed line joining	49°12'S 164°12'E 49°12'S 164°26'E 49°28'S 164°27'E 49°53'S 164°02'E 49°33'S 163°51'E					
	"Depths to 241fms rep (2009)" area bound by dashed line joining	50°54'S 164°33'E 50°57'S 164°41'E 51°07'S 164°41'E 51°11'S 164°33'E					
	"Depths to 325fms rep (2009)" area bound by dashed line joining	52°49'S 160°00'E 52°54'S 160°09'E 53°00'S 160°02'E 53°00'S 159°49'E					
	(NTM0011/2009)						
<b>★624</b>	3Ed. 3/21/81 LAST NM 7/10 Delete "Depths to 162fms rep (2009)" area in vicinity	49°30'S 164°12'E	10/11				
	Add Depth 52 fathoms "Rep (2011)" enclosed by depth contour (100-fathom) centered	49°30'S 164°10'E					
	(NTM0010/2011)						
<b>★625</b>	4Ed. 10/12/96 NEW EDITION (NIMA)		50/96				
<b>625</b>	4Ed. 10/12/96 LAST NM 50/96 Substitute Depth 218 meters for 472 meters Depth 1499 meters for 2743 meters	59°43'S 68°52'W 60°39'S 66°19'W	31/06				
	Add Depth 1225 meters Depth 1870 meters	60°00'S 69°07'W 59°37'S 66°57'W					
	(NTM0014/2006)						
<b>★625</b>	4Ed. 10/12/96 LAST NM 31/06 Add Area "#66" (Red Dot Area), predicted depth 0 meter, bound by purple dashed line joining	43°11'S 98°08'W 43°16'S 97°25'W 43°58'S 97°06'W 43°18'S 98°14'W	16/07				
	Note from Subsection I-2 in upper right margin of chart						
	(NTM0009/2007)						
<b>625</b>	4Ed. 10/12/96 LAST NM 16/07 Add Depth 3857 meters Depth 3377 meters Depth 3413 meters	33°56'S 147°39'W 33°38'S 141°15'W 34°07'S 142°19'W	34/07				
	(NTM0011/2007)						
<b>625</b>	4Ed. 10/12/96 LAST NM 34/07 Add Depth 2416 meters Depth 1199 meters	48°29'S 146°11'W 47°55'S 149°45'W	38/07				
	(NTM0011/2007)						
<b>625</b>	4Ed. 10/12/96 LAST NM 38/07 Add Depth 2347 meters	44°52'S 155°26'W	43/07				
	Depth 1814 meters enclosed by depth contour (1829-meter) centered	44°31'S 159°26'W					
	Depth 3176 meters Depth 2855 meters Depth 2121 meters Depth 2875 meters	42°06'S 150°30'W 40°15'S 152°32'W 41°13'S 158°23'W 40°04'S 158°30'W					
	(NTM0011/2007)						
<b>★625</b>	4Ed. 10/12/96 LAST NM 43/07 Add Depth 472 meters "Rep (2009)" [I3.2]		48/09			48°45'S 146°54'W	
	(NTM0011/2009)						
<b>625</b>	4Ed. 10/12/96 LAST NM 48/09 Delete Depth 228 meters "PA Rep (1966)" and enclosing depth contour (1829-meter) centered		49/10			46°07'S 83°52'W	
	Add Depth 171 meters enclosed by depth contour (183-meter) centered					46°05'S 83°49'W	
	(6(56)09 Valparaiso)						
<b>625</b>	4Ed. 10/12/96 LAST NM 49/10 Add Depth 593 meters enclosed by depth contour (1829-meter) centered		7/11			34°04'S 80°16'W	
	(NTM0016/2010)						
<b>★625</b>	4Ed. 10/12/96 LAST NM 7/11 Add Depth 643 meters enclosed by depth contour (1829-meter) centered		18/11			55°34'S 99°23'W	
	(NTM0016/2011)						
<b>625</b>	4Ed. 10/12/96 LAST NM 18/11 Delete Depth 14 meters (ED) and enclosing depth contour (20-meter) centered		18/13			35°10'S 72°43'W	
	Depth 13 meters					35°18'S 72°46'W	
	Depth 18 meters (ED) and enclosing depth contour (20-meter) centered					36°10'S 73°30'W	
	Depth 29 meters					36°18'S 73°30'W	
	(NTM0002/2013)						
<b>625</b>	4Ed. 10/12/96 LAST NM 18/13 Add Wreck [K29]		3/14			33°57'S 72°24'W	
	(7(76)13 Valparaiso)						
<b>★632</b>	8Ed. 1/15/94 NEW EDITION Delete R Bn symbol at light (DMAHTC; 51(3770)86 Taunton)		18/94			5°58'S 106°51'E	
<b>632</b>	8Ed. 1/15/94 LAST NM 18/94 Delete Depth 4 fathoms "Rep (1974)"		32/94			1°44'N 107°26'E	
	(MCC1306/94)						
<b>632</b>	8Ed. 1/15/94 LAST NM 32/94 Delete Light symbol (39(3286)94 Taunton)		48/94			7°06'S 114°16'E	
<b>632</b>	8Ed. 1/15/94 LAST NM 48/94 Add Rock which covers and uncovers "Rep (1995)"		44/95			0°08'N 106°13'E	
	(MCC1299/94)						
<b>632</b>	8Ed. 1/15/94 LAST NM 44/95 Add Depth 16 fathoms Wk (unsurveyed)		45/95			5°22'N 114°39'E	
	(38(3144)95 Taunton)						
<b>632</b>	8Ed. 1/15/94 LAST NM 45/95 Change Caution No. 2 of CAUTIONS note in right upper margin of chart to "2. The area enclosed by the dashed line has not been completely surveyed, and it is reported that numerous dangers exist in the area."		47/95				
	Add Purple dashed line (limit of dangerous ground) joining					9°00'N 116°41'E 7°30'N 115°25'E 7°30'N 111°30'E 8°40'N 111°30'E 9°00'N 111°53'E	
	(BA CH 2660B)						
<b>632</b>	8Ed. 1/15/94 LAST NM 47/95 Add Depth 908 fathoms "Rep (1995)"		6/96			5°51'S 125°32'E	
	(SMEA002/96)						

<b>632</b>	8Ed. 1/15/94 LAST NM 6/96	12/96	
Add	Dangerous wreck	6°08.5'S 108°26.5'E	
	(5(395)96 Taunton)		
<b>632</b>	8Ed. 1/15/94 LAST NM 12/96	15/96	
Add	Light symbol	7°33'N 109°42'E	
		7°33'N 109°48'E	
		7°55'N 109°57'E	
		7°48'N 110°28'E	
		8°09'N 110°35'E	
		8°02'N 110°37'E	
		7°52'N 111°44'E	
		8°39'N 111°38'E	
		8°50'N 112°11'E	
	(33(62)94, 49(43, 46)95 Brest)		
<b>632</b>	8Ed. 1/15/94 LAST NM 15/96	45/96	
Delete	Dangerous wreck "Rep (1947)"	4°36.0'S 113°02.0'E	
Add	Wreck	4°37.0'S 112°58.8'E	
	(39(3218)96 Taunton; Indo CH 150)		
<b>632</b>	8Ed. 1/15/94 LAST NM 45/96	51/96	
Add	Depth 24 fathoms	7°36.3'N 108°30.0'E	
	(43(3560)96 Taunton)		
<b>632</b>	8Ed. 1/15/94 LAST NM 51/96	8/97	
Substitute	Depth 21 fathoms Wk for		
	11 fathoms Wk (unsurveyed)	2°15'N 104°56'E	
Add	Depth 10 fathoms 5 feet Wk (unsurveyed)	2°38'N 105°13'E	
	(33(2386)91, 50(4146)96 Taunton)		
<b>632</b>	8Ed. 1/15/94 LAST NM 8/97	10/97	
Add	Dangerous wreck	4°32'N 108°14'E	
	(1(63)97 Taunton)		
<b>632</b>	8Ed. 1/15/94 LAST NM 10/97	38/97	
Add	Depth 7 fathoms 5 feet "Rep (1997)"	8°21'S 127°29'E	
	(GIMM043/96)		
<b>632</b>	8Ed. 1/15/94 LAST NM 38/97	4/99	
Delete	Depth 947 fathoms	8°38'N 112°21'E	
Substitute	Depth 293 fathoms for 595 fathoms	8°34'N 109°38'E	
Add	Depth		
	293 fathoms	8°47'N 109°27'E	
	359 fathoms	8°40'N 109°55'E	
	259 fathoms	8°41'N 112°26'E	
	253 fathoms	6°40'N 111°57'E	
	156 fathoms	6°16'N 110°17'E	
	146 fathoms	5°48'N 110°36'E	
	59 fathoms	5°42'N 110°09'E	
	(12(1032)98 Taunton)		
<b>632</b>	8Ed. 1/15/94 LAST NM 4/99	9/99	
Add	Depth 8 fathoms 1 foot	10°42.4'S 126°14.2'E	
	(24(695)98 Wollongong)		
<b>632</b>	8Ed. 1/15/94 LAST NM 9/99	16/99	
Delete	Depth 14 fathoms "Rep (1956)"	10°42'S 126°10'E	
Substitute	Depth 7 fathoms 3 feet for		
	8 fathoms 1 foot	10°42.4'S 126°14.2'E	
	(See 9/99-632)		
	(1(44)99 Wollongong)		
<b>632</b>	8Ed. 1/15/94 LAST NM 16/99	20/99	
Add	Danger circle "Obstn"	7°20'S 116°15'E	
	(26(2286)98 Taunton)		
<b>632</b>	8Ed. 1/15/94 LAST NM 20/99	40/99	
Add	Dangerous wreck	0°37'N 107°50'E	
	(31(2890)99 Taunton)		
<b>632</b>	8Ed. 1/15/94 LAST NM 40/99	52/99	
Add	Light symbol	6°08'S 124°37'E	
	Light symbol	6°02'S 124°03'E	
	(39(3554)98 Taunton)		
<b>632</b>	8Ed. 1/15/94 LAST NM 52/99	15/02	
Add	Depth 30 meters Wk [K26]	1°49'N 108°29'E	
	(5(482)02 Taunton)		
<b>632</b>	8Ed. 1/15/94 LAST NM 15/02	24/02	
Add	Depth 9 fathoms 5 feet "Rep (2002)" [I3.2]	7°12'N 108°37'E	
	(18(1833)02 Taunton)		
<b>632</b>	8Ed. 1/15/94 LAST NM 24/02	45/02	
Add	Depth 580 meters	8°28'N 111°53'E	
	(36(3833)02 Taunton)		
<b>632</b>	8Ed. 1/15/94 LAST NM 45/02	50/05	
Add	Depth 12 meters	1°04'S 106°49'E	
	(43(1306)05 Tokyo)		
<b>632</b>	8Ed. 1/15/94 LAST NM 50/05	4/06	
Add	Depth 41 fathoms Wk [K26]	4°18'N 106°05'E	
	Depth 34 fathoms Wk [K26]	4°30'N 105°56'E	
	Depth 14 fathoms Wk [K26]	1°46'N 108°19'E	
	Wreck [K29]	5°50'S 107°30'E	
	Wreck [K29]	4°40'S 125°20'E	
	(34(256), 36(269-271), 37(279)04 Jakarta)		
<b>632</b>	8Ed. 1/15/94 LAST NM 4/06	12/06	
Add	Wreck [K29]	5°49'S 106°35'E	
	Wreck [K29]	5°12'S 109°59'E	
	(36(360), 37(365)05 Jakarta)		
<b>632</b>	8Ed. 1/15/94 LAST NM 12/06	14/06	
Add	Depth 199 fathoms	4°02'N 94°44'E	
	Depth 303 fathoms	2°41'N 95°04'E	
	Depth 424 fathoms	2°27'N 95°22'E	
	(41(399)05 Jakarta)		
<b>632</b>	8Ed. 1/15/94 LAST NM 14/06	18/06	
Add	Wreck [K29]	4°44'S 109°18'E	
	(2(7)06 Jakarta)		
<b>632</b>	8Ed. 1/15/94 LAST NM 18/06	35/06	
Add	Danger circle [Ke] "Discol water" centered	3°53'N 105°11'E	
	(6(93)06 Kuala Lumpur)		
<b>632</b>	8Ed. 1/15/94 LAST NM 35/06	47/06	
Add	Wreck [K29]	9°50'S 121°31'E	
	(19(141)06 Jakarta)		
<b>632</b>	8Ed. 1/15/94 LAST NM 47/06	19/08	
Add	Depth 37 fathoms "Rep (2001)" [I3.2]	6°31'S 104°46'E	
	(5(523)08 Taunton)		
<b>632</b>	8Ed. 1/15/94 LAST NM 19/08	24/08	
Delete	R Bn at light	1°52'N 125°04'E	
	(BA LL)		
<b>632</b>	8Ed. 1/15/94 LAST NM 24/08	46/08	
Delete	Depth 7 fathoms 3 feet, blue tint and enclosing		
	depth contour in vicinity	7°22'N 109°00'E	
Substitute	Depth 80 fathoms for 4 fathoms "Rep (1992)"	7°14'N 108°58'E	
	and delete blue tint and enclosing depth contour		
	(NTM0005/2008)		
<b>632</b>	8Ed. 1/15/94 LAST NM 46/08	7/10	
Add	"Depths to 221fms rep (2009)" area bound by		
	dashed-line circle, radius 10 miles, centered	6°39'S 103°44'E	
	(NTM0011/2009)		
<b>632</b>	8Ed. 1/15/94 LAST NM 7/10	26/11	
Delete	Depth 808 fathoms	6°25'N 112°31'E	

(continued on next page)

**632** (Continued) 26/11  
 Substitute Depth 10 fathoms 4 feet enclosed by depth contour (100-fathom) for 123 fathoms 6°38'N 112°39'E  
 Add Depth 68 fathoms enclosed by depth contour (100-fathom) centered 6°29'N 112°36'E (NTM0023/2010)  
**632** 8Ed. 1/15/94 LAST NM 26/11 49/11  
 Add Depth 227 fathoms 6°18'N 112°09'E (NTM0010/2011)  
**632** 8Ed. 1/15/94 LAST NM 49/11 45/12  
 Add Depth 27 fathoms enclosed by dotted-line circle centered [I4] 5°19'N 113°45'E (UKHO ARCS 3483-0)  
**632** 8Ed. 1/15/94 LAST NM 45/12 16/13  
 Add Legend "PA" to dangerous wreck (25(2675)11 Taunton) 1°21'N 105°00'E  
**632** 8Ed. 1/15/94 LAST NM 16/13 32/16  
 Delete Depth 13 fathoms "Rep (1965)" 8°12'N 116°35'E (NTM0003/2016)  
**★632** 8Ed. 1/15/94 LAST NM 32/16 33/16  
 Delete Depth 28 fathoms 1°59'N 97°52'E  
 Add Depth 23 fathoms 0°39'S 98°46'E  
 Depth 22 fathoms 1°57'N 97°49'E (NTM0003/2016)  
**632** 8Ed. 1/15/94 LAST NM 33/16 41/16  
 Delete R Bn (AERO) (PA) 10°26'S 105°44'E (24(1062)07 Wollongong)  
**632** 8Ed. 1/15/94 LAST NM 41/16 3/17  
 Delete Dangerous submerged rock "Cay Marino" (ED) 8°31'N 114°22'E  
 Dangerous submerged rock 8°48'N 115°16'E  
 Dangerous submerged rock "Director" (ED) 8°29'N 115°57'E  
 Islets (2) "(1940)" (ED), blue tint and enclosing dotted-line circle in vicinity 8°21'N 115°24'E (NTM0002/2016)  
**★632** 8Ed. 1/15/94 LAST NM 3/17 34/17  
 Add Depth 243 fathoms [I3.2] "Rep (2017)" enclosed by dotted-line circle centered 6°51'N 95°49'E (NTM0005/2017)  
**★632** 8Ed. 1/15/94 LAST NM 34/17 1/18  
 Add Depth 39 fathoms 6°47'N 109°35'E (NTM0005/2017)  
**★632** 8Ed. 1/15/94 LAST NM 1/18 19/19  
 Delete Depth 79 fathoms 8°17'N 108°56'E  
 Add Depth 67 fathoms 8°14'N 108°53'E (NTM0002/2019)  
**★700** (INT 700) 4Ed. 10/7/95 NEW EDITION 4/96 (DMA)  
**700** (INT 700) 4Ed. 10/7/95 LAST NM 4/96 47/96  
 Delete Legend "AERO" 31°43'S 29°07'E (7(75)96 Cape Town)  
**700** (INT 700) 4Ed. 10/7/95 LAST NM 47/96 3/99  
 Add Wreck 30°00'S 31°53'E (9(110)98 Cape Town)  
**700** (INT 700) 4Ed. 10/7/95 LAST NM 3/99 52/99  
 Delete Depth 49 meters 33°54'S 26°47'E (5(58)99 Cape Town)

**700** (INT 700) 4Ed. 10/7/95 LAST NM 52/99 21/00  
 Delete Depth 192 meters 28°39'S 32°40'E (1(25)00 Cape Town)  
**700** (INT 700) 4Ed. 10/7/95 LAST NM 21/00 34/00  
 Delete R Bn at light 27°33'S 32°41'E  
 R Bn at light 28°09'S 32°33'E  
 R Bn at light 28°31'S 32°24'E  
 R Bn at light 28°46'S 32°08'E  
 R Bn at light 33°31'S 27°06'E  
 R Bn at light 32°14'S 28°55'E  
 R Bn at light 30°45'S 30°28'E  
 R Bn at light 30°28'S 30°39'E  
 R Bn at light 29°56'S 31°00'E  
 R Bn at light 34°01'S 25°42'E  
 R Bn at light 33°02'S 27°54'E (3(36)00 Cape Town)  
**700** (INT 700) 4Ed. 10/7/95 LAST NM 34/00 8/07  
 Add Depth 1710 meters enclosed by dashed-line circle 29°08'S 44°11'E  
 Depth 969 meters enclosed by dashed-line circle 34°32'S 43°12'E (NTM0014/2006)  
**700** (INT 700) 4Ed. 10/7/95 LAST NM 8/07 18/07  
 Delete Depth 146 meters, blue tint and enclosing danger circle centered 29°29'S 31°57'E (4(59)06 Cape Town)  
**700** (INT 700) 4Ed. 10/7/95 LAST NM 18/07 40/07  
 Add Depth 995 meters 37°25'S 50°28'E  
 Depth 1556 meters 37°02'S 52°05'E  
 Depth 205 meters 36°53'S 52°06'E  
 Depth 666 meters 36°35'S 52°01'E  
 Depth 1660 meters 36°38'S 52°35'E  
 Depth 1232 meters 36°53'S 52°44'E  
 Depth 1411 meters 37°37'S 51°08'E (NTM0011/2007)  
**★700** (INT 700) 4Ed. 10/7/95 LAST NM 40/07 18/09  
 Add Danger circle [K1] "Shoal rep (2008)", radius 8 miles, centered 35°55'S 53°14'E (NTM0009/2009)  
**★700** (INT 700) 4Ed. 10/7/95 LAST NM 18/09 7/10  
 Add "Depths to 500m rep (2009)" area bound by dashed-line circle, radius 6 miles, centered 35°46'S 53°37'E (NTM0011/2009)  
**700** (INT 700) 4Ed. 10/7/95 LAST NM 7/10 40/13  
 Substitute Depth 239 meters enclosed by depth contour (1000-meter) for 1180 meters 27°29'S 46°17'E (NTM0005/2013)  
**★701** (INT 701) 3Ed. 10/5/96 NEW EDITION 51/96 (NIMA)  
**701** (INT 701) 3Ed. 10/5/96 LAST NM 51/96 4/97  
 Add Depth 86 meters (ED) 11°52'S 44°23'E (47(3880)96 Taunton)  
**701** (INT 701) 3Ed. 10/5/96 LAST NM 4/97 1/08  
 Substitute Depth 75 meters enclosed by dotted-line circle for 2979 meters 11°37'S 43°02'E  
 Add Depth 56 meters enclosed by dotted-line circle 11°43'S 43°02'E  
 Depth 22.5 meters enclosed by dotted-line circle 11°55'S 43°06'E (38(3744)00 Taunton)  
**701** (INT 701) 3Ed. 10/5/96 LAST NM 1/08 47/16  
 Delete RC (Aero) 11°34'S 47°16'E (51(44)10 Brest)  
**★702** (INT 702) 5Ed. 10/14/95 NEW EDITION 14/96 (DMA)

<b>702</b> (INT 702)	5Ed. 10/14/95	LAST NM 14/96	40/97
Add	Depth 317 meters	8°46.5'S 70°17.0'E	
(27(2361)97 Taunton)			
<b>702</b> (INT 702)	5Ed. 10/14/95	LAST NM 40/97	44/97
Delete	Depth 891 meters	8°18'S 71°22'E	
Add	Depth 599 meters	8°20'S 71°22'E	
(29(2572)97 Taunton)			
<b>702</b> (INT 702)	5Ed. 10/14/95	LAST NM 44/97	7/03
Delete	Depth 23 meters, blue tint and enclosing dotted-line circle in vicinity	10°25'S 57°30'E	
	Depth 22 meters, blue tint and enclosing dotted-line circle in vicinity	6°26'S 58°32'E	
(13(36)02 Brest)			
<b>★702</b> (INT 702)	5Ed. 10/14/95	LAST NM 7/03	47/09
Add	Danger circle [K1] "Discolored water Rep (2008)"	17°13'S 58°26'E	
	Danger circle [K1] "Discolored water Rep (2008)"	9°42'S 61°48'E	
	Danger circle [K1] "Discolored water Rep (2008)"	9°46'S 61°53'E	
(NTM0039/2009)			
<b>★702</b> (INT 702)	5Ed. 10/14/95	LAST NM 47/09	4/10
Add	Depth 1234 meters enclosed by depth contour (2000-meter) centered	14°28'S 64°47'E	
	Depth 1503 meters enclosed by depth contour (2000-meter) centered	9°07'S 73°11'E	
(NTM0001/2010)			
<b>★702</b> (INT 702)	5Ed. 10/14/95	LAST NM 4/10	7/10
Substitute	Danger circle [K1] "Shoal rep (2009)", radius 8 miles for danger circle "Discolored water Rep (2008)", centered (See 47/09-702)	17°13'S 58°27'E	
(NTM0011/2009)			
<b>702</b> (INT 702)	5Ed. 10/14/95	LAST NM 7/10	29/13
Add	Depth 1000 meters "Rep (2009)" enclosed by dotted-line circle centered [I3.2]	9°05'S 70°39'E	
(NTM0015/2013)			
<b>702</b> (INT 702)	5Ed. 10/14/95	LAST NM 29/13	35/13
Change	Legend to "Rep (2008)" (See 29/13-702)	9°05'S 70°39'E	
(NTM0015/2013)			
<b>702</b> (INT 702)	5Ed. 10/14/95	LAST NM 35/13	46/13
Add	Depth 27 meters, blue tint and enclosing depth contour (30-meter) centered	18°28'S 58°16'E	
(36(155)13 Brest)			
<b>702</b> (INT 702)	5Ed. 10/14/95	LAST NM 46/13	47/16
Delete	RC (Aero)	11°34'S 47°16'E	
(51(44)10 Brest)			
<b>★703</b> (INT 703)	4Ed. 6/1/96	NEW EDITION	39/96
Delete	Depth 521 meters	11°45'N 73°02'E	
Substitute	Depth 47 meters for 48 meters	12°14'N 54°17'E	
Add	Depth 262 meters "Rep (1983)"	6°51'S 72°12'E	
	419 meters	11°44'N 73°01'E	
	Danger circle "Discol water (1992)"	11°35'N 55°57'E	
	"Obstn Rep (1991)"	13°02'N 46°22'E	
	Islet, six miles by one mile wide, oriented 035°-205° on axis centered	7°09'S 56°15'E	
	R Bn (AERO)	7°08'S 56°16'E	
(DMA; SMEA003/96)			
<b>703</b> (INT 703)	4Ed. 6/1/96	LAST NM 39/96	24/97
Add	Depth 758 meters "Rep (1997)"	12°38'N 47°14'E	
(GIMM044/96)			
<b>703</b> (INT 703)	4Ed. 6/1/96	LAST NM 24/97	41/97
Add	Depth 235 meters	9°24'N 74°39'E	
(13(271)97 Dehra Dun)			
<b>703</b> (INT 703)	4Ed. 6/1/96	LAST NM 41/97	49/99
Delete	R Bn at light	8°16'N 73°02'E	
(31(2755)98 Taunton)			
<b>703</b> (INT 703)	4Ed. 6/1/96	LAST NM 49/99	3/01
Add	Depth 645 meters	12°08'N 47°30'E	
(22(1993)99 Taunton)			
<b>703</b> (INT 703)	4Ed. 6/1/96	LAST NM 3/01	7/01
Delete	Depth 600 meters	13°25'N 50°13'E	
Add	Depth 55 meters	12°32'N 54°41'E	
	Depth 200 meters	11°47'N 55°11'E	
	Depth 547 meters	12°09'N 47°06'E	
	Depth 523 meters	13°28'N 50°09'E	
(38(3493, 3494)99 Taunton)			
<b>703</b> (INT 703)	4Ed. 6/1/96	LAST NM 7/01	8/01
Add	Depth 185 meters enclosed by depth contour (200-meter)	4°26'N 72°40'E	
(11(1037)99 Taunton)			
<b>703</b> (INT 703)	4Ed. 6/1/96	LAST NM 8/01	41/01
Delete	R Bn at light	13°00'N 74°47'E	
	R Bn at light	10°12'N 76°10'E	
(17(378, 379)98 Dehra Dun)			
<b>703</b> (INT 703)	4Ed. 6/1/96	LAST NM 41/01	46/02
Delete	Depth 155 meters, blue tint and enclosing danger circle in vicinity	13°07'N 51°23'E	
(15(11)02 Brest)			
<b>703</b> (INT 703)	4Ed. 6/1/96	LAST NM 46/02	7/03
Delete	Depth 22 meters, blue tint and enclosing dotted-line circle in vicinity	6°26'S 58°32'E	
(13(36)02 Brest)			
<b>703</b> (INT 703)	4Ed. 6/1/96	LAST NM 7/03	44/03
Add	Depth 1737 meters	7°58'N 74°35'E	
(NTM0030/2003)			
<b>703</b> (INT 703)	4Ed. 6/1/96	LAST NM 44/03	24/09
Delete	Depth 2758 meters	12°22'N 61°17'E	
Substitute	Depth 271 meters for 443 meters	7°30'N 72°59'E	
Add	Depth 2661 meters	12°26'N 61°19'E	
(50(6783)08 Taunton)			
<b>★703</b> (INT 703)	4Ed. 6/1/96	LAST NM 24/09	26/11
Add	Depth 1027 meters enclosed by depth contour (2000-meter) centered	1°14'N 56°36'E	
(NTM0008/2011)			
<b>703</b> (INT 703)	4Ed. 6/1/96	LAST NM 26/11	38/11
Delete	Depth 194 meters	10°46'N 72°10'E	
Substitute	Depth 157 meters, blue tint and enclosing depth contour (200-meter) for 218 meters	8°32'N 73°17'E	
Add	Depth 188 meters and extend depth contour (200-meter) and blue tint W to enclose	10°50'N 72°02'E	
	Depth 370 meters enclosed by depth contour (1000-meter) centered	9°19'N 73°28'E	
(UKHO ARCS 2738-0)			
<b>703</b> (INT 703)	4Ed. 6/1/96	LAST NM 38/11	7/15
Delete	Depth 159 meters, blue tint and enclosing dotted-line circle in vicinity	10°37'N 72°34'E	
(2(40)14 Dehra Dun)			

★703 (INT 703) 4Ed. 6/1/96 LAST NM 7/15 48/15  
 Add Depth 956 meters "Rep (2015)" enclosed by  
 dotted-line circle [I3.2] centered 13°27'N 59°22'E  
 Depth 1781 meters "Rep (2015)" enclosed by  
 dotted-line circle [I3.2] centered 3°24'S 59°50'E  
 (NTM0032/2015)

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★704 (INT 704) 1Ed. 8/11/84 NEW CHART 41/84  
 (DMAHTC)

704 (INT 704) 1Ed. 8/11/84 LAST NM 41/84 26/85  
 Delete Depth 726 meters 25°31'N 35°32'E  
 Add Depth 14.6 meters "Rep (1984)" (PA) 25°32.9'N 35°31.7'E  
 (16(1062)85 Taunton)

704 (INT 704) 1Ed. 8/11/84 LAST NM 26/85 16/86  
 Add Depth 34 meters "Rep (1985)" 16°27'N 40°45'E  
 (4(281)86 Taunton)

704 (INT 704) 1Ed. 8/11/84 LAST NM 16/86 27/86  
 Delete Depth 591 meters 21°17.5'N 37°29.0'E  
 Add Depths  
 119 meters 21°17.5'N 37°29.8'E  
 444 meters (PA) 11°55.0'N 44°42.0'E  
 (15(1106)86 Taunton; MCNM7776/86)

704 (INT 704) 1Ed. 8/11/84 LAST NM 27/86 35/86  
 Add R Bn 19°36.5'N 37°14.1'E  
 (25(1797)86 Taunton)

704 (INT 704) 1Ed. 8/11/84 LAST NM 35/86 10/87  
 Add Light symbol 23°28'N 38°25'E  
 (SPA A170/86)

704 (INT 704) 1Ed. 8/11/84 LAST NM 10/87 14/87  
 Add Depth 10 meters "Rep (1986)" 14°14'N 42°27'E  
 (DIFRAP 5209/86; 4(329)87 Taunton)

704 (INT 704) 1Ed. 8/11/84 LAST NM 14/87 1/88  
 Delete Depth 14.6 meters "Rep (1984)" (PA) 25°33'N 35°32'E  
 Light 21°30'N 39°12'E  
 Add Depth 726 meters 25°32'N 35°32'E  
 (46(3480, 3481)87 Taunton)

704 (INT 704) 1Ed. 8/11/84 LAST NM 1/88 25/88  
 Add Rock awash 22°19'N 38°53'E  
 Submerged rock 21°38'N 38°59'E  
 Dangerous submerged rock 21°24'N 38°51'E  
 (13(1033, 1034)88 Taunton)

704 (INT 704) 1Ed. 8/11/84 LAST NM 25/88 45/88  
 Delete Legend "NOT...APPLIES"  
 in lower left margin of chart  
 (MCNM8163/88)

704 (INT 704) 1Ed. 8/11/84 LAST NM 45/88 46/88  
 Delete Depth 31 meters 18°57'N 38°08'E  
 Add Depth 23 meters 18°57'N 38°09'E  
 (36(2708)88 Taunton)

704 (INT 704) 1Ed. 8/11/84 LAST NM 46/88 52/88  
 Delete R Bn (AERO) 29°31'N 34°54'E  
 Add R Bn (AERO) 29°03'N 34°40'E  
 (40(2990)88 Taunton; BA RA)

704 (INT 704) 1Ed. 8/11/84 LAST NM 52/88 53/88  
 Add Depth 24 meters 27°50'N 34°59'E  
 (42(3137)88 Taunton)

704 (INT 704) 1Ed. 8/11/84 LAST NM 53/88 40/92  
 Delete R Bn (AERO) 19°34'N 37°13'E  
 (DMAHTC)

704 (INT 704) 1Ed. 8/11/84 LAST NM 40/92 46/95  
 Delete R Bn (AERO) 11°33'N 43°08'E  
 (BA RA)

704 (INT 704) 1Ed. 8/11/84 LAST NM 46/95 31/00  
 Add Depth 18.4 meters, blue tint and enclosing  
 depth contour (30-meter) centered 14°03'N 41°54'E  
 (23(2300)00 Taunton)

704 (INT 704) 1Ed. 8/11/84 LAST NM 31/00 7/01  
 Add Depth 205 meters 19°33'N 39°24'E  
 (38(3495)99 Taunton)

704 (INT 704) 1Ed. 8/11/84 LAST NM 7/01 38/09  
 Add Depth 927 meters 24°39'N 36°10'E  
 (NTM0011/2009)

704 (INT 704) 1Ed. 8/11/84 LAST NM 38/09 11/12  
 Delete Light symbol 15°32'N 41°49'E  
 (9(883)12 Taunton)

704 (INT 704) 1Ed. 8/11/84 LAST NM 11/12 31/12  
 Delete Depth 48 meters 16°28'N 41°24'E  
 Add Depth 42 meters "Rep (2012)", blue tint and  
 enclosing dotted-line circle centered [I4] 16°26'N 41°23'E  
 (27(2955)12 Taunton)

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★705 (INT 705) 3Ed. 6/5/82 NEW EDITION 33/82  
 Add Depth 366 meters 12°51'N 71°30'E  
 (Previously published 26/82)  
 (DMAHTC)

705 (INT 705) 3Ed. 6/5/82 LAST NM 33/82 34/82  
 Add Light symbol 20°56.3'N 72°45.5'E  
 (10(257)82 Dehra Dun)

705 (INT 705) 3Ed. 6/5/82 LAST NM 34/82 37/83  
 Delete R Bns 15°53'N 73°28'E  
 18°42'N 72°49'E  
 (10(250), 14(380)83 Dehra Dun)

705 (INT 705) 3Ed. 6/5/82 LAST NM 37/83 40/83  
 Add Depth 521 meters "Rep (1983)" (PA) 11°45.2'N 73°02.0'E  
 (NV57032/83)

705 (INT 705) 3Ed. 6/5/82 LAST NM 40/83 47/83  
 Delete R Bn (AERO) and legend "Zaqqum" 24°52'N 53°37'E  
 (40(2577)83 Taunton)

705 (INT 705) 3Ed. 6/5/82 LAST NM 47/83 1/84  
 Add Depth 16 meters "Rep (1975)" (PA) 19°16.8'N 58°12.5'E  
 (NV57141/83)

705 (INT 705) 3Ed. 6/5/82 LAST NM 1/84 2/84  
 Add R Bn at light 19°17'N 72°47'E  
 (22(582)83 Dehra Dun)

705 (INT 705) 3Ed. 6/5/82 LAST NM 2/84 27/84  
 Substitute Depth 47 meters for 48 meters 12°13.5'N 54°19.5'E  
 (52(50)76 Brest)

705 (INT 705) 3Ed. 6/5/82 LAST NM 27/84 28/84  
 Delete R Bn 24°51'N 67°01'E  
 (US RA)

705 (INT 705) 3Ed. 6/5/82 LAST NM 28/84 33/84  
 Add Light symbol 11°15.4'N 72°47.4'E  
 (12(290)84 Dehra Dun)

705 (INT 705) 3Ed. 6/5/82 LAST NM 33/84 35/84  
 Add Depth 179 meters "Rep (1961)" (PA) 12°33.6'N 45°04.2'E  
 (NV57308/84)



705 (INT 705) 3Ed. 6/5/82 LAST NM 35/84 4/85 Add Light symbol with legend "Kasaragod" 12°30'N 74°58'E (19(461)84 Dehra Dun)	705 (INT 705) 3Ed. 6/5/82 LAST NM 16/89 26/89 Substitute Depth 13 meters for 16 meters 10°51'N 73°48'E (15(1172)89 Taunton)
705 (INT 705) 3Ed. 6/5/82 LAST NM 4/85 8/85 Add Dangerous wreck 19°19'N 72°15'E (1(46)85 Dehra Dun)	705 (INT 705) 3Ed. 6/5/82 LAST NM 26/89 34/90 Add Depth 380 meters 13°49'N 73°06'E (10(207)90 Dehra Dun)
705 (INT 705) 3Ed. 6/5/82 LAST NM 8/85 47/85 Delete R Bn (AERO) 25°05'N 61°48'E (DMAHTC)	705 (INT 705) 3Ed. 6/5/82 LAST NM 34/90 4/91 Delete Depth 16 meters 12°53'N 43°16'E (MCNM1068/90)
705 (INT 705) 3Ed. 6/5/82 LAST NM 47/85 8/86 Add Light symbol 21°37'N 69°37'E Legend "Oilfields and Recommended Routes (see note)" 18°50'N 71°35'E Note "OILFIELDS AND RECOMMENDED ROUTES Due to existence of various Oilfields in the area, recommended routes have been established to assist mariners to navigate safely in the vicinity of these Oilfields. For details of these, the larger scale charts should be consulted." 23°40'N 73°10'E (22(547), 24(594)85 Dehra Dun)	705 (INT 705) 3Ed. 6/5/82 LAST NM 4/91 11/92 Add Depth 389 meters 11°44'N 55°08'E (1(51)92 Taunton)
705 (INT 705) 3Ed. 6/5/82 LAST NM 8/86 11/86 Add Depth 382 meters 19°05.5'N 58°16.3'E (HNNM 7711/86)	705 (INT 705) 3Ed. 6/5/82 LAST NM 11/92 9/93 Add Danger circle "Discol water (1992)" 11°35'N 55°57'E (MCC1232/93)
705 (INT 705) 3Ed. 6/5/82 LAST NM 11/86 19/86 Add Danger circle "Shoal (rep 1969)" 12°07.5'N 52°32.0'E (9(670)86 Taunton)	705 (INT 705) 3Ed. 6/5/82 LAST NM 9/93 11/93 Delete R Bn (AERO) 21°38'N 69°40'E  Substitute R Bn for light symbol 21°37'N 69°37'E (29(2086)91 Taunton; 19(358)92 Dehra Dun; BA RA)
705 (INT 705) 3Ed. 6/5/82 LAST NM 19/86 40/86 Add Light symbol 21°56.5'N 69°13.9'E (14(376)86 Dehra Dun; 33(2383)86 Taunton)	705 (INT 705) 3Ed. 6/5/82 LAST NM 11/93 13/93 Delete R Bn (AERO) 29°27'N 48°18'E  Add R Bn (AERO) 28°05'N 48°37'E (19(1386)92 Taunton)
705 (INT 705) 3Ed. 6/5/82 LAST NM 40/86 3/87 Add Light symbol with legend "Chetwai" 10°33'N 76°01'E (20(526)86 Dehra Dun)	705 (INT 705) 3Ed. 6/5/82 LAST NM 13/93 16/93 Add R Bn at light 16°59'N 73°16'E (23(434)92 Dehra Dun)
705 (INT 705) 3Ed. 6/5/82 LAST NM 3/87 9/87 Delete Depth 631 meters 12°59'N 53°57'E  Add Depths 386 meters 12°59'N 54°01'E 494 meters 12°08'N 45°38'E 664 meters 12°07'N 44°58'E (49(3598)86 Taunton)	705 (INT 705) 3Ed. 6/5/82 LAST NM 16/93 33/93 Add Danger circle "Obstn Rep (1991)" 13°02'N 46°22'E (MCC1265/93)
705 (INT 705) 3Ed. 6/5/82 LAST NM 9/87 17/87 Add Light symbol with legend "Tekra" 22°55.5'N 70°07.3'E (1(28)87 Dehra Dun)	705 (INT 705) 3Ed. 6/5/82 LAST NM 33/93 45/94 Add Depth 494 meters "Rep" 15°02'N 72°27'E (MCC1337/94)
705 (INT 705) 3Ed. 6/5/82 LAST NM 17/87 39/87 Delete Depths 57 meters 12°00'N 54°44'E 152 meters 12°04'N 54°47'E (MCNM7970/87)	705 (INT 705) 3Ed. 6/5/82 LAST NM 45/94 6/95 Add Depth 489 meters 13°21'N 72°01'E 120 meters 12°15'N 73°45'E (48(4020)94 Taunton)
705 (INT 705) 3Ed. 6/5/82 LAST NM 39/87 48/87 Substitute Depth 23 meters for 60 meters 19°00.4'N 69°54.4'E (16(391)87 Dehra Dun)	705 (INT 705) 3Ed. 6/5/82 LAST NM 6/95 6/96 Delete Depth 120 meters 12°15'N 73°45'E (See 6/95-705) (48(3947)95 Taunton)
705 (INT 705) 3Ed. 6/5/82 LAST NM 48/87 5/88 Add Depth 68 meters 12°31'N 53°11'E (50(3783)87 Taunton)	705 (INT 705) 3Ed. 6/5/82 LAST NM 6/96 8/96 Add Depth 311 meters 24°45.4'N 61°51.3'E (Pak CH 33)
705 (INT 705) 3Ed. 6/5/82 LAST NM 5/88 32/88 Delete R Bn at light 26°28'N 56°32'E (26(1980)88 Taunton)	705 (INT 705) 3Ed. 6/5/82 LAST NM 8/96 22/97 Add Stranded wreck 29°09'N 49°16'E (11(976)97 Taunton)
705 (INT 705) 3Ed. 6/5/82 LAST NM 32/88 16/89 Add Racon at light 26°28'N 56°32'E (10/89 Bahrain)	705 (INT 705) 3Ed. 6/5/82 LAST NM 22/97 24/97 Add Depth 758 meters "Rep (1997)" 12°38'N 47°14'E (GIMM044/96)
	705 (INT 705) 3Ed. 6/5/82 LAST NM 24/97 36/97 Delete Depth 494 meters "Rep" 15°02'N 72°27'E  Add Depth 451 meters 15°00'N 72°26'E (23(2010)97 Taunton)
	705 (INT 705) 3Ed. 6/5/82 LAST NM 36/97 21/98 Delete R Bn (AERO) 26°15'N 50°10'E (8(645)98 Taunton)

<b>705</b> (INT 705)	3Ed. 6/5/82	LAST NM 21/98	21/99
Delete	Light	25°12'N 63°30'E	
Add	Depth 29 meters Wk (unsurveyed) (K30)	26°20'N 53°11'E	
	(8(30)99 Karachi; 15(1372)99 Taunton)		
<b>705</b> (INT 705)	3Ed. 6/5/82	LAST NM 21/99	38/99
Delete	R Bn at light	22°29'N 69°04'E	
	Note: Racon remains		
	(11(216)98 Dehra Dun)		
<b>705</b> (INT 705)	3Ed. 6/5/82	LAST NM 38/99	49/99
Delete	R Bn at light	19°16'N 72°47'E	
	(35(3131)98 Taunton)		
<b>705</b> (INT 705)	3Ed. 6/5/82	LAST NM 49/99	3/00
Add	Superbuoy ODAS [Q58] with Ra Ref	18°36'N 71°02'E	
	(15(306)98 Dehra Dun)		
<b>705</b> (INT 705)	3Ed. 6/5/82	LAST NM 3/00	4/00
Delete	Depth 353 meters	14°50'N 51°21'E	
Add	Depth 285 meters	14°50'N 51°31'E	
	(35(3257)99 Taunton)		
<b>705</b> (INT 705)	3Ed. 6/5/82	LAST NM 4/00	16/00
Delete	Racon at light	22°29'N 69°04'E	
	(See 38/99-705)		
	(24(505)98 Dehra Dun)		
<b>705</b> (INT 705)	3Ed. 6/5/82	LAST NM 16/00	20/00
Add	Racon at light	22°36'N 69°57'E	
	Racon at light	20°54'N 71°32'E	
	(23(463, 464)99 Dehra Dun)		
<b>705</b> (INT 705)	3Ed. 6/5/82	LAST NM 20/00	22/00
Substitute	Islet [K10] for light	25°14'N 54°12'E	
	(5(393)00 Taunton)		
<b>705</b> (INT 705)	3Ed. 6/5/82	LAST NM 22/00	3/01
Add	Depth 645 meters	12°08'N 47°30'E	
	(22(1993)99 Taunton)		
<b>705</b> (INT 705)	3Ed. 6/5/82	LAST NM 3/01	4/01
Add	Racon [S3.1] at light	21°36'N 72°21'E	
	(4(103)00 Dehra Dun)		
<b>705</b> (INT 705)	3Ed. 6/5/82	LAST NM 4/01	5/01
Add	Racon [S3.1] at light	23°15'N 68°36'E	
	(20(421)99 Dehra Dun)		
<b>705</b> (INT 705)	3Ed. 6/5/82	LAST NM 5/01	7/01
Delete	Depth 389 meters	11°44'N 55°08'E	
	Depth 600 meters	13°23'N 50°14'E	
Add	Depth 55 meters	12°32'N 54°41'E	
	Depth 200 meters	11°47'N 55°11'E	
	Depth 547 meters	12°09'N 47°06'E	
	Depth 523 meters	13°28'N 50°09'E	
	Depth 224 meters	14°32'N 49°49'E	
	(38(3493, 3494)99 Taunton)		
<b>705</b> (INT 705)	3Ed. 6/5/82	LAST NM 7/01	41/01
Delete	R Bn at light	13°00'N 74°47'E	
	(17(378)98 Dehra Dun)		
<b>705</b> (INT 705)	3Ed. 6/5/82	LAST NM 41/01	12/02
Delete	AERO R Bn at light	24°50'N 66°40'E	
	(BA RA)		
<b>705</b> (INT 705)	3Ed. 6/5/82	LAST NM 12/02	46/02
Delete	Depth 155 meters "Rep (1981)", blue tint and enclosing depth contour in vicinity	13°07'N 51°23'E	
	(15(11)02 Brest)		
<b>705</b> (INT 705)	3Ed. 6/5/82	LAST NM 46/02	52/02
Add	Superbuoy ODAS [Q58] "DS1" Y, Fl 3s	15°33'N 69°10'E	
	(21(417)02 Dehra Dun)		
<b>705</b> (INT 705)	3Ed. 6/5/82	LAST NM 52/02	7/08
Delete	Dangerous wreck (PA)	26°00'N 52°06'E	
	(51(5790)07 Taunton)		
<b>705</b> (INT 705)	3Ed. 6/5/82	LAST NM 7/08	48/08
Add	Light symbol [P1]	13°59'N 48°11'E	
	(39(5263)08 Taunton)		
<b>705</b> (INT 705)	3Ed. 6/5/82	LAST NM 48/08	24/09
Delete	Depth 2758 meters	12°22'N 61°17'E	
Add	Depth 2661 meters	12°26'N 61°19'E	
	(50(6783)08 Taunton)		
<b>705</b> (INT 705)	3Ed. 6/5/82	LAST NM 24/09	38/09
Add	Depth 545 meters	21°25'N 61°58'E	
	(NTM0011/2009)		
<b>705</b> (INT 705)	3Ed. 6/5/82	LAST NM 38/09	47/09
Add	Dangerous wreck [K28]	20°51'N 70°01'E	
	(16(282)09 Dehra Dun)		
<b>705</b> (INT 705)	3Ed. 6/5/82	LAST NM 47/09	1/10
Delete	Wreck (PA)	14°00'N 74°16'E	
	(18(308)09 Dehra Dun)		
<b>705</b> (INT 705)	3Ed. 6/5/82	LAST NM 1/10	38/11
Delete	Depth 194 meters	10°47'N 72°08'E	
Add	Depth 188 meters and extend depth contour (200-meter) and blue tint W to enclose	10°50'N 72°02'E	
	(UKHO ARCS 2738-0)		
<b>705</b> (INT 705)	3Ed. 6/5/82	LAST NM 38/11	11/12
Add	Dangerous wreck [K28]	27°10'N 50°52'E	
	(43(4861)11 Taunton)		
<b>705</b> (INT 705)	3Ed. 6/5/82	LAST NM 11/12	15/14
Add	Depth 30 meters	12°41'N 53°22'E	
	(12(174)14 Brest)		
<b>705</b> (INT 705)	3Ed. 6/5/82	LAST NM 15/14	7/15
Delete	Depth 159 meters, blue tint and enclosing dotted-line circle in vicinity	10°37'N 72°34'E	
	(2(40)14 Dehra Dun)		
<b>705</b> (INT 705)	3Ed. 6/5/82	LAST NM 7/15	48/15
Add	Depth 956 meters "Rep (2015)" enclosed by dotted-line circle [I3.2] centered	13°27'N 59°22'E	
	(NTM0032/2015)		
<b>★706</b> (INT 706)	4Ed. 4/19/86	NEW EDITION	29/86
Add	Racon to light	10°16'N 79°52'E	
	(Previously published 20/86)		
Delete	R Bns (AERO)	3°33'N 98°48'E	
		4°00'N 101°02'E	
		13°00'N 80°10'E	
	Depth 29 meters	8°28'N 100°33'E	
Add	Depth 29 meters	3°28'N 100°33'E	
	(DMAHTC; BA CH 828, 4707)		
<b>706</b> (INT 706)	4Ed. 4/19/86	LAST NM 29/86	32/86
Add	Depth 325 meters "Rep (1986)"	12°12'N 94°57'E	
	(11(308)86 Dehra Dun)		
<b>706</b> (INT 706)	4Ed. 4/19/86	LAST NM 32/86	34/86
Add	Light symbol	10°30.8'N 92°30.2'E	
	(12(331)86 Dehra Dun)		
<b>706</b> (INT 706)	4Ed. 4/19/86	LAST NM 34/86	36/86
Add	Danger circle "Unexploded ordnance"	11°11'N 92°41'E	
	(13(370)86 Dehra Dun)		

706 (INT 706)	4Ed. 4/19/86	LAST NM 36/86	44/86		
Add	Depths				
	37 meters		4°22'N 99°55'E		
	38 meters		5°16'N 99°36'E		
(37(2688)86 Taunton)					
706 (INT 706)	4Ed. 4/19/86	LAST NM 44/86	49/86		
Add	Depth 33 meters (PA)		3°45'N 95°59'E		
(41(2991)86 Taunton)					
706 (INT 706)	4Ed. 4/19/86	LAST NM 49/86	3/87		
Add	Light symbol with legend "Chetwai"		10°33'N 76°01'E		
(20(526)86 Dehra Dun)					
706 (INT 706)	4Ed. 4/19/86	LAST NM 3/87	8/87		
Add	Depths				
	564 meters (PA)		6°35'N 96°05'E		
	615 meters (PA)		6°35'N 96°18'E		
(MCNM7895/87)					
706 (INT 706)	4Ed. 4/19/86	LAST NM 8/87	16/87		
Add	Light symbol		16°32'N 94°14'E		
(Ind CH 31)					
706 (INT 706)	4Ed. 4/19/86	LAST NM 16/87	21/87		
Add	Depth 50 meters "Rep (1986)"		7°38'N 72°44'E		
(11(847)87 Taunton)					
706 (INT 706)	4Ed. 4/19/86	LAST NM 21/87	27/87		
Add	R Bn (AERO)		5°24.5'N 103°04.0'E		
(BA CH 3543)					
706 (INT 706)	4Ed. 4/19/86	LAST NM 27/87	45/87		
Delete	R Bn (AERO)		5°28.0'N 100°24.0'E		
(BA RA)					
706 (INT 706)	4Ed. 4/19/86	LAST NM 45/87	48/87		
Add	Submarine cable joining		19°00.0'N 72°30.0'E		
			19°00.0'N 71°00.0'E		
(16(392)87 Dehra Dun)					
706 (INT 706)	4Ed. 4/19/86	LAST NM 48/87	28/88		
Add	Light symbol		20°15'N 86°40'E		
	Light symbol with legend				
	"Anjengo"		8°40'N 76°46'E		
(8(215), 9(239)88 Dehra Dun)					
706 (INT 706)	4Ed. 4/19/86	LAST NM 28/88	44/88		
Substitute	Depth 419 meters for 521 meters				
	and encircling dotted line		11°44'N 73°00'E		
(MCNM8159/88)					
706 (INT 706)	4Ed. 4/19/86	LAST NM 44/88	52/88		
Add	R Bn (AERO)		20°08'N 92°53'E		
(41(3060)88 Taunton)					
706 (INT 706)	4Ed. 4/19/86	LAST NM 52/88	10/89		
Add	R Bn		5°55'N 95°18'E		
(47(373)88 Jakarta)					
706 (INT 706)	4Ed. 4/19/86	LAST NM 10/89	11/89		
Add	Depth 480 meters		4°52'N 93°18'E		
(MCNM1033/89)					
706 (INT 706)	4Ed. 4/19/86	LAST NM 11/89	26/89		
Substitute	Depth 13 meters for 16 meters		10°51'N 73°48'E		
(15(1172)89 Taunton)					
706 (INT 706)	4Ed. 4/19/86	LAST NM 26/89	44/89		
Add	Depth 433 meters "Rep (1989)" (PA)		12°42.0'N 94°40.0'E		
(MCNM1114/89)					
706 (INT 706)	4Ed. 4/19/86	LAST NM 44/89	11/90		
Add	Light flare symbol		5°30.3'N 95°10.0'E		
(1(1)90 Jakarta)					
706 (INT 706)	4Ed. 4/19/86	LAST NM 11/90	34/90		
Add	Depth 380 meters		13°49'N 73°06'E		
(10(207)90 Dehra Dun)					
706 (INT 706)	4Ed. 4/19/86	LAST NM 34/90	4/91		
Add	Light symbol		3°44.0'N 96°36.0'E		
(33(215)90 Jakarta)					
706 (INT 706)	4Ed. 4/19/86	LAST NM 4/91	6/91		
Add	Depths				
	30 meters		7°15'N 103°04'E		
	86 meters "Rep (1990)"		8°32'N 97°27'E		
(43(3092)90 Taunton; 36(49)90 Brest)					
706 (INT 706)	4Ed. 4/19/86	LAST NM 6/91	49/92		
Delete	R Bn at light		20°19'N 86°44'E		
	R Bn at light		20°15'N 86°40'E		
(9(190)92 Dehra Dun; BA RA)					
706 (INT 706)	4Ed. 4/19/86	LAST NM 49/92	3/93		
Add	R Bn at light		10°46'N 79°51'E		
(9(189)92 Dehra Dun)					
706 (INT 706)	4Ed. 4/19/86	LAST NM 3/93	15/93		
Add	R Bn at light		19°15'N 84°54'E		
(BA RA)					
706 (INT 706)	4Ed. 4/19/86	LAST NM 15/93	16/93		
Add	R Bn at light		16°59'N 73°16'E		
(23(434)92 Dehra Dun)					
706 (INT 706)	4Ed. 4/19/86	LAST NM 16/93	16/94		
Add	R Bn at light		14°15'N 80°09'E		
(7(122)93 Dehra Dun)					
706 (INT 706)	4Ed. 4/19/86	LAST NM 16/94	45/94		
Add	Depth 494 meters "Rep"		15°02'N 72°27'E		
(MCC1337/94)					
706 (INT 706)	4Ed. 4/19/86	LAST NM 45/94	6/95		
Add	Depth				
	489 meters		13°21'N 72°01'E		
	120 meters		12°15'N 73°45'E		
(48(4020)94 Taunton)					
706 (INT 706)	4Ed. 4/19/86	LAST NM 6/95	47/95		
Delete	R Bn (AERO)		11°40'N 92°44'E		
(BA RA)					
706 (INT 706)	4Ed. 4/19/86	LAST NM 47/95	6/96		
Delete	Depth 120 meters		12°15'N 73°45'E		
	(See 6/95-706)				
(48(3947)95 Taunton)					
706 (INT 706)	4Ed. 4/19/86	LAST NM 6/96	15/96		
Add	Depth				
	110 meters		7°36'N 76°45'E		
	203 meters		7°39'N 76°34'E		
	733 meters		7°40'N 76°31'E		
(BA CH 1566)					
706 (INT 706)	4Ed. 4/19/86	LAST NM 15/96	26/96		
Add	R Bn (AERO)		12°40'N 101°00'E		
(BA RA; BA CH 3965)					
706 (INT 706)	4Ed. 4/19/86	LAST NM 26/96	7/97		
Add	Light symbol		2°06'N 96°37'E		
(GIMM008/97)					
706 (INT 706)	4Ed. 4/19/86	LAST NM 7/97	10/97		
Delete	Light symbol		8°31'N 81°19'E		
(BA LL)					

706 (INT 706) 4Ed. 4/19/86 LAST NM 10/97 36/97  
Delete Depth 494 meters "Rep" 15°02'N 72°27'E  
Add Depth 451 meters 15°00'N 72°26'E  
(23(2010)97 Taunton)

706 (INT 706) 4Ed. 4/19/86 LAST NM 36/97 41/97  
Add Depth 235 meters 9°24'N 74°39'E  
(13(271)97 Dehra Dun)

706 (INT 706) 4Ed. 4/19/86 LAST NM 41/97 47/98  
Add Superbuoy ODAS "DS3" Fl 2s 13°00'N 87°01'E  
(20(403)97, 15(313)98 Dehra Dun)

706 (INT 706) 4Ed. 4/19/86 LAST NM 47/98 49/99  
Delete R Bn at light 8°16'N 73°02'E  
R Bn at light 11°55'N 79°50'E  
R Bn at light 19°16'N 72°47'E  
(31(2755, 2757), 35(3131)98 Taunton)

706 (INT 706) 4Ed. 4/19/86 LAST NM 49/99 52/99  
Add Light symbol 8°28'N 93°37'E  
(13(275)98 Dehra Dun; BA LL)

706 (INT 706) 4Ed. 4/19/86 LAST NM 52/99 20/00  
Add Racon at light 20°54'N 71°32'E  
(23(464)99 Dehra Dun)

706 (INT 706) 4Ed. 4/19/86 LAST NM 20/00 4/01  
Add Racon [S3.1] at light 21°36'N 72°21'E  
(4(103)00 Dehra Dun)

706 (INT 706) 4Ed. 4/19/86 LAST NM 4/01 8/01  
Add Depth 185 meters enclosed by depth contour  
(200-meter) 4°26'N 72°40'E  
(11(1037)99 Taunton)

706 (INT 706) 4Ed. 4/19/86 LAST NM 8/01 41/01  
Delete R Bn at light 13°00'N 74°47'E  
R Bn at light 10°12'N 76°10'E  
(17(378, 379)98 Dehra Dun)

706 (INT 706) 4Ed. 4/19/86 LAST NM 41/01 43/01  
Add Racon [S3.1] at light 13°25'N 80°20'E  
(21(443)99 Dehra Dun)

706 (INT 706) 4Ed. 4/19/86 LAST NM 43/01 44/01  
Delete R Bn at light 21°39'N 88°03'E  
(17(385)98 Dehra Dun)

706 (INT 706) 4Ed. 4/19/86 LAST NM 44/01 44/03  
Add Depth 1737 meters enclosed by depth contour  
(2000-meter) 7°58'N 74°35'E  
(NTM0030/2003)

706 (INT 706) 4Ed. 4/19/86 LAST NM 44/03 14/06  
Add Depth 364 meters 4°02'N 94°44'E  
Depth 604 meters 3°57'N 94°42'E  
Depth 578 meters 2°39'N 95°06'E  
Depth 756 meters 2°27'N 95°22'E  
Depth 280 meters 4°43'N 93°41'E  
Depth 577 meters 4°27'N 94°28'E  
Depth 393 meters 4°34'N 93°23'E  
Depth 774 meters 3°55'N 93°45'E  
(41(399)05 Jakarta)

706 (INT 706) 4Ed. 4/19/86 LAST NM 14/06 32/08  
Delete Depth 7 meters and enclosing danger circle 10°25'N 92°26'E  
Dangerous submerged rock 11°00'N 92°30'E  
(13(363)08 Dehra Dun)

706 (INT 706) 4Ed. 4/19/86 LAST NM 32/08 24/09  
Substitute Depth 271 meters for 442 meters 7°30'N 72°59'E  
(50(6783)08 Taunton)

706 (INT 706) 4Ed. 4/19/86 LAST NM 24/09 46/09  
Delete Depth 486 meters and enclosing depth contour  
(1000-meter) centered 7°31'N 92°26'E  
(NTM0011/2009)

706 (INT 706) 4Ed. 4/19/86 LAST NM 46/09 1/10  
Delete Wreck (PA) 14°00'N 74°16'E  
(18(308)09 Dehra Dun)

706 (INT 706) 4Ed. 4/19/86 LAST NM 1/10 14/11  
Delete R Bn at light 14°15'N 80°09'E  
(4(122)08 Dehra Dun)

706 (INT 706) 4Ed. 4/19/86 LAST NM 14/11 38/11  
Delete Depth 194 meters 10°46'N 72°08'E  
Substitute Depth 157 meters, blue tint and enclosing  
depth contour (200-meter) for 217 meters 8°32'N 73°17'E  
Depth 350 meters enclosed by depth contour  
(1000-meter) for 1200 meters 7°17'N 72°34'E  
Add Depth 188 meters 10°50'N 72°02'E  
and extend depth contour (200-meter) and blue  
tint W to enclose  
Depth 370 meters enclosed by depth contour  
(1000-meter) centered 9°19'N 73°28'E  
(UKHO ARCS 2738-0)

706 (INT 706) 4Ed. 4/19/86 LAST NM 38/11 7/15  
Delete Depth 159 meters, blue tint and enclosing  
dotted-line circle in vicinity 10°37'N 72°34'E  
(2(40)14 Dehra Dun)

★706 (INT 706) 4Ed. 4/19/86 LAST NM 7/15 48/15  
Add Depth 3234 meters enclosed by depth contour  
(4000-meter) centered 2°00'N 79°54'E  
(NTM0032/2015)

706 (INT 706) 4Ed. 4/19/86 LAST NM 48/15 33/16  
Substitute Depth 40 meters for 377 meters 1°57'N 97°49'E  
Add Depth 138 meters 20°07'N 90°43'E  
and extend depth contour (200-meter) and blue  
tint S to enclose  
(NTM0003/2016)

706 (INT 706) 4Ed. 4/19/86 LAST NM 33/16 12/19  
Delete Position circle "R Sta" 6°54'N 79°52'E  
(13(1458)04 Taunton)

★707 (INT 707) 2Ed. 11/11/95 NEW EDITION 10/96  
(DMA)

707 (INT 707) 2Ed. 11/11/95 LAST NM 10/96 15/96  
Add Depth 110 meters 7°36'N 76°45'E  
203 meters 7°39'N 76°34'E  
733 meters 7°40'N 76°31'E  
(BA CH 1566)

707 (INT 707) 2Ed. 11/11/95 LAST NM 15/96 7/97  
Add Light symbol 2°06'N 96°37'E  
(GIMM008/97)

707 (INT 707) 2Ed. 11/11/95 LAST NM 7/97 10/97  
Delete Light symbol 8°31'N 81°19'E  
(BA LL)

707 (INT 707) 2Ed. 11/11/95 LAST NM 10/97 49/99  
Delete R Bn at light 8°16'N 73°02'E  
(31(2755)98 Taunton)

707 (INT 707) 2Ed. 11/11/95 LAST NM 49/99 52/99  
Add Light symbol 8°28'N 93°37'E  
(13(275)98 Dehra Dun; BA LL)

<b>707</b> (INT 707)	2Ed. 11/11/95	LAST NM 52/99	8/01
Delete	Depth 1097 meters		4°28'N 72°45'E
Add	Depth 185 meters enclosed by depth contour (200-meter)		4°26'N 72°40'E
	(11(1037)99 Taunton)		
<b>707</b> (INT 707)	2Ed. 11/11/95	LAST NM 8/01	34/03
Delete	Light R Bn (AERO)		12°11'S 96°49'E
	(14(398)00 Wollongong; BA RA)		12°09'S 96°49'E
<b>707</b> (INT 707)	2Ed. 11/11/95	LAST NM 34/03	44/03
Add	Depth 1737 meters enclosed by depth contour (2000-meter)		7°58'N 74°35'E
	(NTM0030/2003)		
<b>707</b> (INT 707)	2Ed. 11/11/95	LAST NM 44/03	14/06
Add	Depth 554 meters		2°41'N 95°04'E
	Depth 280 meters		4°43'N 93°41'E
	Depth 577 meters		4°27'N 94°28'E
	Depth 393 meters		4°34'N 93°23'E
	Depth 774 meters		3°55'N 93°45'E
	(41(399)05 Jakarta)		
<b>707</b> (INT 707)	2Ed. 11/11/95	LAST NM 14/06	19/08
Add	Depth 69 meters "Rep (2001)" [I3.2]		6°31'S 104°46'E
	(5(523)08 Taunton)		
<b>707</b> (INT 707)	2Ed. 11/11/95	LAST NM 19/08	24/09
Substitute	Depth 271 meters for 442 meters		7°30'N 72°59'E
	(50(6783)08 Taunton)		
<b>707</b> (INT 707)	2Ed. 11/11/95	LAST NM 24/09	46/09
Delete	Depth 486 meters and enclosing depth contour (1000-meter) centered		7°31'N 92°26'E
	(NTM0011/2009)		
<b>707</b> (INT 707)	2Ed. 11/11/95	LAST NM 46/09	4/10
Add	Depth 1503 meters enclosed by depth contour (2000-meter) centered		9°07'S 73°11'E
	(NTM0001/2010)		
<b>707</b> (INT 707)	2Ed. 11/11/95	LAST NM 4/10	7/10
Add	"Depths to 404m rep (2009)" area bound by dashed-line circle, radius 10 miles, centered		6°39'S 103°44'E
	(NTM0011/2009)		
<b>707</b> (INT 707)	2Ed. 11/11/95	LAST NM 7/10	38/11
Substitute	Depth 157 meters, blue tint and enclosing depth contour (200-meter) for 218 meters		8°32'N 73°17'E
	Depth 350 meters enclosed by depth contour (1000-meter) for 1200 meters		7°17'N 72°34'E
	(UKHO ARCS 2738-0)		
<b>707</b> (INT 707)	2Ed. 11/11/95	LAST NM 38/11	31/13
Add	Depth 2341 meters "Rep (2013)" enclosed by dotted-line circle centered [I3.2]		7°17'S 89°09'E
	(NTM0015/2013)		
<b>707</b> (INT 707)	2Ed. 11/11/95	LAST NM 31/13	45/15
Add	"Depths to 115m rep (2008)" area bound by dashed-line circle, radius 10 miles, centered		11°24'S 104°59'E
	(NTM0011/2015)		
<b>707</b> (INT 707)	2Ed. 11/11/95	LAST NM 45/15	48/15
Add	Depth 3234 meters enclosed by depth contour (4000-meter) centered		2°00'N 79°54'E
	(NTM0032/2015)		
<b>707</b> (INT 707)	2Ed. 11/11/95	LAST NM 48/15	41/16
Delete	R Bn (AERO)		10°26'S 105°42'E
	(24(1062)07 Wollongong)		
<b>707</b> (INT 707)	2Ed. 11/11/95	LAST NM 41/16	12/19
Delete	Position circle "R Sta" (13(1458)04 Taunton)		6°55'N 79°53'E
<b>★708</b> (INT 708)	3Ed. 12/30/95	NEW EDITION	22/96
Delete	Depth 900 meters (Previously published 19/96)		32°04'S 96°17'E
Add	Depth 686 meters (Previously published 19/96)		32°01'S 96°21'E
	(DMA)		
<b>708</b> (INT 708)	3Ed. 12/30/95	LAST NM 22/96	4/97
Add	Submarine cable joining		16°28'S 117°30'E
			16°05'S 116°57'E
			15°46'S 113°53'E
			15°20'S 112°41'E
			14°45'S 112°10'E
			14°16'S 111°28'E
			13°06'S 110°16'E
			12°01'S 108°47'E
			11°20'S 108°18'E
			10°46'S 107°59'E
			10°25'S 107°05'E
			9°48'S 105°57'E
			9°47'S 105°45'E
			9°34'S 105°40'E
			9°25'S 105°25'E
			9°10'S 104°56'E
			8°58'S 104°46'E
			8°05'S 104°43'E
			7°49'S 104°34'E
			7°35'S 104°31'E
			6°55'S 104°28'E
			6°27'S 105°00'E
			6°17'S 105°18'E
	(35(588)96 Wollongong)		
<b>708</b> (INT 708)	3Ed. 12/30/95	LAST NM 4/97	18/99
Delete	Light symbol (2(84)99 Wollongong)		32°57'S 115°40'E
<b>708</b> (INT 708)	3Ed. 12/30/95	LAST NM 18/99	20/99
Add	Danger circle "Obstm" (26(2286)98 Taunton)		7°20'S 116°15'E
<b>708</b> (INT 708)	3Ed. 12/30/95	LAST NM 20/99	34/03
Delete	Light RC (Aero) (14(398)00 Wollongong; BA RA)		12°12'S 96°50'E
			12°09'S 96°49'E
<b>708</b> (INT 708)	3Ed. 12/30/95	LAST NM 34/03	36/03
Delete	RC (Aero) (BA RA)		24°53'S 113°40'E
<b>708</b> (INT 708)	3Ed. 12/30/95	LAST NM 36/03	19/08
Add	Depth 69 meters "Rep (2001)" [I3.2] (5(523)08 Taunton)		6°31'S 104°46'E
<b>★708</b> (INT 708)	3Ed. 12/30/95	LAST NM 19/08	18/09
Add	"Depths to 115m rep (2008)" area bound by dashed-line circle, radius 10 miles, centered		11°24'S 104°59'E
	(NTM0009/2009)		
<b>708</b> (INT 708)	3Ed. 12/30/95	LAST NM 18/09	7/10
Add	"Depths to 404m rep (2009)" area bound by dashed-line circle, radius 10 miles, centered		6°39'S 103°44'E
	(NTM0011/2009)		
<b>708</b> (INT 708)	3Ed. 12/30/95	LAST NM 7/10	33/10
Substitute	Depth 26 meters Wk [K26] for dangerous wreck (11(597)10 Wollongong)		31°10'S 115°11'E
<b>708</b> (INT 708)	3Ed. 12/30/95	LAST NM 33/10	41/16
Delete	RC (AERO) (24(1062)07 Wollongong)		10°26'S 105°41'E

**★709** (INT 709) 2Ed. 2/10/96 NEW EDITION 16/96  
 Delete R Bn (AERO) 33°40'S 121°48'E  
 (DMA)

**709** (INT 709) 2Ed. 2/10/96 LAST NM 16/96 15/97  
 Substitute Depth 14 meters for  
 dangerous submerged rock 40°24'S 144°05'E  
 (3(81)97 Wollongong)

**709** (INT 709) 2Ed. 2/10/96 LAST NM 15/97 18/99  
 Delete Light symbol 32°57'S 115°40'E  
 (2(84)99 Wollongong)

**709** (INT 709) 2Ed. 2/10/96 LAST NM 18/99 50/02  
 Add Light symbol [P1] 32°23'S 133°29'E  
 Light symbol [P1] 35°04'S 136°12'E  
 (16(504), 21(664)02 Wollongong)

**709** (INT 709) 2Ed. 2/10/96 LAST NM 50/02 19/03  
 Delete R Bn (AERO) 34°57'S 138°33'E  
 R Bn (AERO) 39°52'S 143°53'E  
 (BA RA)

**709** (INT 709) 2Ed. 2/10/96 LAST NM 19/03 25/03  
 Add Light symbol [P1] 37°54'S 140°23'E  
 (6(204)03 Wollongong)

**709** (INT 709) 2Ed. 2/10/96 LAST NM 25/03 13/07  
 Add Depth 91 meters, blue tint and enclosed by  
 dotted-line circle 35°26'S 134°40'E  
 (NTM0014/2006)

**709** (INT 709) 2Ed. 2/10/96 LAST NM 13/07 24/07  
 Delete Depth 60 meters R 41°22'S 144°21'E  
 Depth 120 meters R 41°49'S 144°24'E  
 Depth 68 meters 42°41'S 144°51'E  
 (NTM0011/2007)

**709** (INT 709) 2Ed. 2/10/96 LAST NM 24/07 35/07  
 Add Depth 18 meters "Rep (1966)", blue tint and  
 enclosing depth contour (30-meter) centered 34°47'S 121°56'E  
 (NTM0011/2007)

**709** (INT 709) 2Ed. 2/10/96 LAST NM 35/07 33/10  
 Substitute Depth 26 meters Wk [K26] for  
 dangerous wreck 31°10'S 115°11'E  
 (11(597)10 Wollongong)

**709** (INT 709) 2Ed. 2/10/96 LAST NM 33/10 39/10  
 Delete Depth 91 meters, blue tint and enclosing  
 dotted-line circle centered 35°26'S 134°40'E  
 (11(598)10 Wollongong)

**★800** 4Ed. 8/3/96 NEW EDITION 37/96  
 (DMA)

**800** 4Ed. 8/3/96 LAST NM 37/96 50/96  
 Add Wreck (PA) 56°49'N 162°36'W  
 (45/96 CG17)

**800** 4Ed. 8/3/96 LAST NM 50/96 4/01  
 Delete Depth 2.7 meters "(rep 1851)" (ED) 64°15'N 178°00'W  
 (NTM0055/2000)

**800** 4Ed. 8/3/96 LAST NM 4/01 7/01  
 Delete R Bn 66°01'N 169°43'W  
 R Bn 65°28'N 171°04'W  
 (43(7170, 7171)00 St. Petersburg)

**800** 4Ed. 8/3/96 LAST NM 7/01 40/01  
 Add Wreck [K29] 58°56'N 175°53'W  
 (32/01 CG17)

**800** 4Ed. 8/3/96 LAST NM 40/01 17/02  
 Delete R Bn 57°11'N 170°22'W  
 (NOS)

**800** 4Ed. 8/3/96 LAST NM 17/02 15/04  
 Delete R Bn 64°24'N 172°15'W  
 R Bn 64°20'N 173°34'W  
 (34(5550, 5551)03 St. Petersburg)

**800** 4Ed. 8/3/96 LAST NM 15/04 20/04  
 Delete R Bn 54°44'N 162°07'E  
 (36(5870)03 St. Petersburg)

**800** 4Ed. 8/3/96 LAST NM 20/04 28/05  
 Add Superbuoy ODAS [Q58] "46073" Y,  
 Fl(4) Y 20s 54°57'N 172°02'W  
 (NOS)

**★800** 4Ed. 8/3/96 LAST NM 28/05 17/09  
 Add Depth 27 meters 79°09'N 162°12'W  
 (NTM0020/2009)

**800** 4Ed. 8/3/96 LAST NM 17/09 31/09  
 Delete Depth 27 meters 79°09'N 162°12'W  
 (Cancels 17/09-800)

Add Depth 27 meters 72°09'N 162°12'W  
 (NTM0020/2009)

**800** 4Ed. 8/3/96 LAST NM 31/09 41/09  
 Relocate Superbuoy ODAS "46073" from  
 54°57'N 172°02'W to 55°01'N 171°59'W  
 (38/09 CG17)

**800** 4Ed. 8/3/96 LAST NM 41/09 46/11  
 Add Dashed-line circle "Subm buoys (cov 36m)" 70°50'N 163°12'W  
 Dashed-line circle "Subm buoys (cov 34m)" 71°13'N 164°15'W  
 Dashed-line circle "Subm buoys (cov 34m)" 71°49'N 165°59'W  
 Dashed-line circle "Subm buoy (cov 42m)" 75°06'N 168°00'W  
 Dashed-line circle "Subm buoys" 76°00'N 175°07'W  
 Dashed-line circle "Subm buoy (cov 89m)" 75°00'N 162°00'W  
 (38, 42/11 CG17)

**800** 4Ed. 8/3/96 LAST NM 46/11 12/12  
 Delete Depth 9.1 meters (PA), blue tint and enclosing  
 depth contour (18.3-meter) centered 61°48'N 176°19'E  
 (11(2224)85 Leningrad)

**800** 4Ed. 8/3/96 LAST NM 12/12 26/12  
 Add Depth 88 meters 54°20'N 166°00'W  
 (NOS)

**800** 4Ed. 8/3/96 LAST NM 26/12 21/13  
 Delete Depth 18.3 meters, blue tint and enclosing  
 depth contour (18.3-meter) centered 65°24'N 168°28'W  
 (NTM0004/2013)

**P 800** 4Ed. 8/3/96 LAST NM 21/13 44/15  
 Add Legend "AREA TO BE AVOIDED (See Note)" 55°50'N 165°25'W

Note  
 "AREA TO BE AVOIDED  
 Area to be avoided by all ships (solely in  
 transit) of 400 gross tons or more to reduce the  
 risk of a marine casualty, resulting pollution  
 and damage to the environment. See Charts  
 16011, 16012, 16013." 67°40'N 175°10'E

Note: The above Area to be Avoided has been  
 adopted by IMO and will become effective at  
 0001 GMT on 01 January 2016  
 (NTM0027/2015)

**800** 4Ed. 8/3/96 LAST NM 44/15 52/15  
 Add Legend "AREA TO BE AVOIDED (See Note)" 55°50'N 165°25'W

(continued on next page)

<b>800</b> (Continued) Note "AREA TO BE AVOIDED Area to be avoided by all ships (solely in transit) of 400 gross tons or more to reduce the risk of a marine casualty, resulting pollution and damage to the environment. See Charts 16011, 16012, 16013."  Note: The above Area to be Avoided has been adopted by IMO (Supersedes 44/15P-800) (NTM0027/2015)	52/15				
<b>800</b> 4Ed. 8/3/96 LAST NM 52/15 Add Depth 56 meters (NTM0003/2016)	28/16 62°01'N 172°54'W				
<b>★803</b> 1Ed. 6/12/67 NEW CHART (USNOO)	41/67				
<b>803</b> 1Ed. 6/12/67 LAST NM 41/67 Add R Bn  (RS07549/67)	48/67 64°24'N 172°20'W 65°04'N 172°10'W 65°32'N 171°04'W 66°02'N 169°49'W 66°09'N 169°50'W				
<b>★803</b> 1Ed. 6/12/67 LAST NM 48/67 Add Depth 78 fathoms "Rep (1968)" (RS09851/68)	8/68 61°48'N 50°43'W				
<b>803</b> 1Ed. 6/12/67 LAST NM 8/68 Add R Bn (12(467)68 Kobenhavn)	20/68 69°17'N 53°30'W				
<b>★803</b> 1Ed. 6/12/67 LAST NM 20/68 Add Depth 4 fathoms "Rep 1969" (PA) (C & GS CL-102/69)	8/69 70°57'N 150°32'W				
<b>★803</b> 1Ed. 6/12/67 LAST NM 8/69 Add Depth 15 fathoms (RS7562/69)	18/69 53°19'N 135°40'W				
<b>803</b> 1Ed. 6/12/67 LAST NM 18/69 Add Depth 13 fathoms 27 fathoms (RS6617/70)	27/70 70°39'N 132°29'W 74°30'N 101°19'W				
<b>803</b> 1Ed. 6/12/67 LAST NM N27/70 Add Depth 120 fathoms (RS9546/71)	N38/71 52°40'N 172°20'W				
<b>803</b> 1Ed. 6/12/67 LAST NM N38/71 Add Depth 275 fathoms (RS4190/71)	N1/72 61°23'N 50°21'W				
<b>★803</b> 1Ed. 6/12/67 LAST NM 1/72 Delete R Bn (AERO) (NOS CL-1810/71)	2/72 70°10'N 146°51'W				
<b>803</b> 1Ed. 6/12/67 LAST NM 2/72 Add Depth 8 fathoms (BA CH 247)	27/73 62°27'N 50°55'W				
<b>★803</b> 1Ed. 6/12/67 LAST NM 27/73 Add Danger circle "Pinnacle Rep (1974)" (NOS CL589/74)	32/74 57°40'N 173°20'W				
<b>803</b> 1Ed. 6/12/67 LAST NM 32/74 Delete R Bn (13(526)75 Kobenhavn)	21/75 66°00'N 53°30'W				
<b>803</b> 1Ed. 6/12/67 LAST NM 21/75 Delete Aero R Bn (27/75 CG1)	33/75 70°31'N 68°19'W				
<b>803</b> 1Ed. 6/12/67 LAST NM 33/75 Add Depth 18 fathoms (RS1036/77)	7/77 76°41.0'N 70°14.7'W				
<b>803</b> 1Ed. 6/12/67 LAST NM 7/77 Add Depth 288 fathoms (NVS3930/79)	12/79 54°07.0'N 149°21.2'W				
<b>803</b> 1Ed. 6/12/67 LAST NM 12/79 Add Dangerous wreck (PA) (27/80 CG17)	32/80 56°35'N 159°57'W				
<b>803</b> 1Ed. 6/12/67 LAST NM 32/80 Add Depth 12 fathoms (PA) (27(1477)80 Taunton)	35/80 63°43'N 172°45'W				
<b>803</b> 1Ed. 6/12/67 LAST NM 35/80 Delete R Bn  Add R Bn (1(29)81 Taunton)	8/81 66°09'N 169°50'W  65°49'N 169°05'W				
<b>803</b> 1Ed. 6/12/67 LAST NM 8/81 Add Depths 85 fathoms "Rep (1982)" (PA) 63 fathoms "Rep (1982)" (PA) 70 fathoms "Rep (1982)" (PA) 175 fathoms "Rep (1982)" (PA) 55 fathoms "Rep (1982)" (PA) 175 fathoms "Rep (1982)" (PA) 45 fathoms "Rep (1982)" (PA) 23 fathoms "Rep (1982)" (PA) 30 fathoms "Rep (1982)" (PA) (NVS7095/83)	47/83 75°11'N 59°29'W 75°21'N 60°10'W 75°54'N 62°04'W 75°27'N 67°54'W 62°06'N 50°21'W 74°46'N 59°19'W 77°37'N 72°19'W 77°44'N 71°56'W 64°19'N 53°32'W				
<b>803</b> 1Ed. 6/12/67 LAST NM 47/83 Add Depths 94 fathoms "Rep (1976)" (PA) 121 fathoms "Rep (1976)" (PA) (NVS7272/84)	26/84 57°44'N 149°58'W 52°09'N 131°34'W				
<b>803</b> 1Ed. 6/12/67 LAST NM 26/84 Add Depth 87 fathoms "Rep (1981)" (NVS7295/84)	38/84 72°33'N 59°09'W				
<b>803</b> 1Ed. 6/12/67 LAST NM 38/84 Delete R Bn (Aero)  Add Depths 166 fathoms 54 fathoms (Can CH 4000)	41/84 58°30'N 62°45'W 63°20'N 64°10'W  61°05'N 63°50'W 76°14'N 79°15'W				
<b>803</b> 1Ed. 6/12/67 LAST NM 41/84 Delete R Bns  (27(601, 608, 614)84 Ottawa)	42/84 53°31'N 55°45'W 54°28'N 56°56'W 55°13'N 59°08'W				
<b>803</b> 1Ed. 6/12/67 LAST NM 42/84 Delete R Bn (AERO) (13/85 CG17)	17/85 59°28'N 146°18'W				
<b>803</b> 1Ed. 6/12/67 LAST NM 17/85 Delete R Bn (AERO) (29(1866)85 Taunton)	36/85 76°32'N 68°45'W				
<b>★803</b> 1Ed. 6/12/67 LAST NM 36/85 Add Depths 159 fathoms 76 fathoms (HNNM7551/85)	37/85 75°05'N 66°11'W 75°32'N 65°40'W				
<b>803</b> 1Ed. 6/12/67 LAST NM 37/85 Delete Islet (50(1275)86 Ottawa)	10/87 78°39'N 71°00'W				

<b>803</b>	1Ed. 6/12/67	LAST NM 10/87	49/88
Delete	Depth 10 fathoms and enclosing danger circle (39(742)88 Ottawa)	74°52'N 100°38'W	
<b>803</b>	1Ed. 6/12/67	LAST NM 49/88	32/89
Substitute	Depth 8 fathoms for 15 fathoms (MCNM1082/89)	53°19'N 135°40'W	
<b>803</b>	1Ed. 6/12/67	LAST NM 32/89	11/91
Add	Submarine cable joining	59°50'N 149°28'W 59°28'N 149°12'W 59°00'N 148°47'W 58°55'N 148°38'W 58°53'N 148°33'W 58°52'N 148°31'W 58°41'N 148°11'W 58°39'N 148°05'W	
	(7/91 CG17)		
<b>803</b>	1Ed. 6/12/67	LAST NM 11/91	47/91
Substitute	Depth 365 fathoms for 462 fathoms (MCNM1142/91)	50°55'N 143°20'W	
<b>803</b>	1Ed. 6/12/67	LAST NM 47/91	33/92
Delete	R Bn (AERO) (27(489)92 Ottawa)	68°26.0'N 66°45.0'W	
<b>803</b>	1Ed. 6/12/67	LAST NM 33/92	21/94
Substitute	Purple international maritime boundary line for dashed line and legend "UNITED...(1867)" joining	70°52'N 168°59'W 65°30'N 168°59'W 64°18'N 171°38'W 63°25'N 173°30'W	
Add	Purple international maritime boundary line between	74°02'N 168°59'W 70°52'N 168°59'W	
	Legend		
	"RUSSIA"	69°25'N 169°12'W	
	"UNITED STATES (see note)"	69°25'N 168°32'W	
	Note		
	"NOTE Maritime boundary provisionally applied pending formal exchange of instruments of ratification."	66°00'N 157°00'W	
	(MCC1339/94)		
<b>803</b>	1Ed. 6/12/67	LAST NM 21/94	30/94
Delete	R Bn (11(389)94 Ottawa)	51°38'N 55°33'W	
<b>803</b>	1Ed. 6/12/67	LAST NM 30/94	32/95
Delete	R Bn (25/95 CG17)	55°59'N 134°10'W 58°15'N 136°37'W	
<b>803</b>	1Ed. 6/12/67	LAST NM 32/95	50/96
Add	Wreck (PA) (45/96 CG17)	56°49'N 162°36'W	
<b>803</b>	1Ed. 6/12/67	LAST NM 50/96	25/97
Delete	R Bn (5(329)97 Ottawa)	50°26'N 128°10'W	
<b>803</b>	1Ed. 6/12/67	LAST NM 25/97	51/97
Delete	R Bn (10(W521)97 Ottawa)	54°15'N 133°03'W	
<b>803</b>	1Ed. 6/12/67	LAST NM 51/97	29/98
Delete	R Bn (AERO)	70°55'N 153°05'W 70°28'N 149°54'W	
Add	R Bn (AERO) (NOS)	71°17'N 156°48'W	
<b>803</b>	1Ed. 6/12/67	LAST NM 29/98	42/98
Delete	R Bn (37/98 CG17)	60°18'N 146°39'W	
<b>803</b>	1Ed. 6/12/67	LAST NM 42/98	7/01
Delete	R Bns (2) in vicinity R Bn (43(7170, 7171)00 St. Petersburg)	66°01'N 169°43'W 65°28'N 171°04'W	
<b>803</b>	1Ed. 6/12/67	LAST NM 7/01	13/01
Delete	R Bn (44(7355)00 St. Petersburg)	65°04'N 172°06'W	
<b>803</b>	1Ed. 6/12/67	LAST NM 13/01	8/02
Delete	R Bn (Can LL)	50°47'N 128°26'W	
<b>803</b>	1Ed. 6/12/67	LAST NM 8/02	17/02
Delete	R Bn (NOS)	57°09'N 170°14'W	
<b>803</b>	1Ed. 6/12/67	LAST NM 17/02	15/04
Delete	R Bn (34(5550)03 St. Petersburg)	64°24'N 172°15'W	
<b>803</b>	1Ed. 6/12/67	LAST NM 15/04	28/05
Add	Superbuoy ODAS [Q58] "46073" Y, Fl(4) Y 20s (NOS)	54°57'N 172°02'W	
<b>803</b>	1Ed. 6/12/67	LAST NM 28/05	10/06
Add	Danger circle [K1] "Subm buoy (cov 10 fathoms 5 feet)" (NTM0010/2006)	50°02'N 144°56'W	
<b>803</b>	1Ed. 6/12/67	LAST NM 10/06	51/06
Delete	R Bn (3(4000)06 Ottawa)	62°32'N 70°30'W	
<b>803</b>	1Ed. 6/12/67	LAST NM 51/06	34/07
Delete	R Bn (2(4700)07 Ottawa)	60°42'N 64°38'W	
<b>★803</b>	1Ed. 6/12/67	LAST NM 34/07	40/07
Add	Depth 506 fathoms "Healy Seamount" (36/07 CG17)	78°37'N 158°21'W	
<b>803</b>	1Ed. 6/12/67	LAST NM 40/07	3/08
Delete	Depth 8 fathoms	53°19'N 135°40'W	
Add	Depth 13 fathoms (NOS)	53°18'N 135°39'W	
<b>803</b>	1Ed. 6/12/67	LAST NM 3/08	17/09
Add	Depth 65 fathoms (NTM0020/2009)	69°21'N 56°13'W	
<b>803</b>	1Ed. 6/12/67	LAST NM 17/09	26/09
Add	Depth 450 fathoms enclosed by dashed-line circle "Rep (2009)" (NTM0005/2009)	54°24'N 134°24'W	
<b>803</b>	1Ed. 6/12/67	LAST NM 26/09	31/09
Add	Depth 14 fathoms (NTM0020/2009)	72°09'N 162°12'W	
<b>803</b>	1Ed. 6/12/67	LAST NM 31/09	32/09
Add	Superbuoy ODAS [Q58] "46066" Y, Fl(4) Y 20s (27/09 CG17)	52°44'N 154°58'W	
<b>803</b>	1Ed. 6/12/67	LAST NM 32/09	36/09
Add	Superbuoy ODAS [Q58] "46410" Y, Fl(4) Y 20s (29/09 CG17)	57°38'N 143°48'W	



<b>803</b>	1Ed. 6/12/67	LAST NM 36/09	37/09
Add	Superbuoy ODAS [Q58] "46078" Y, Fl(4) Y 20s		56°04'N 152°39'W
	(33/09 CG17)		
<b>803</b>	1Ed. 6/12/67	LAST NM 37/09	41/09
Relocate	Superbuoy ODAS "46073" from 54°57'N 172°02'W to		55°01'N 171°59'W
	(38/09 CG17)		
<b>803</b>	1Ed. 6/12/67	LAST NM 41/09	45/09
Delete	R Bn		62°39'N 73°56'W
	(6(5002)06 Ottawa)		
<b>803</b>	1Ed. 6/12/67	LAST NM 45/09	7/10
Add	"Depths to 6fms rep (2009)" blue tint area bound by dotted line joining		53°36'N 170°02'W 53°36'N 169°39'W 53°28'N 169°39'W 53°28'N 170°02'W
	(NTM0011/2009)		
<b>803</b>	1Ed. 6/12/67	LAST NM 7/10	24/10
Add	Superbuoy DART [Q58] "46409" Y, Fl(4) Y 20s (Priv)		55°18'N 148°30'W
	(20/10 CG17)		
<b>803</b>	1Ed. 6/12/67	LAST NM 24/10	46/11
Add	Dashed-line circle "Subm buoys (cov 20fms)"		70°50'N 163°12'W
	Dashed-line circle "Subm buoys (cov 19fms)"		71°13'N 164°15'W
	Dashed-line circle "Subm buoys (cov 19fms)"		71°49'N 165°59'W
	Dashed-line circle "Subm buoy (cov 122fms)"		72°28'N 157°24'W
	Dashed-line circle "Subm buoy (cov 170fms)"		72°48'N 158°24'W
	Dashed-line circle "Subm buoy (cov 23fms)"		75°06'N 168°00'W
	Dashed-line circle "Subm buoys"		71°43'N 155°10'W
	Dashed-line circle "Subm buoy (cov 49fms)"		75°00'N 162°00'W
	(38, 42/11 CG17)		
<b>803</b>	1Ed. 6/12/67	LAST NM 46/11	44/12
Add	Dashed-line circle "Subm buoy (cov 10fms)"		73°19'N 157°21'W
	Dashed-line circle "Subm buoy (cov 10fms)"		73°49'N 157°29'W
	(NTM0009/12)		
<b>803</b>	1Ed. 6/12/67	LAST NM 44/12	21/13
Delete	Depth 10 fathoms, blue tint and enclosing depth contour (10-fathom) centered		65°27'N 168°31'W
	(NTM0004/2013)		
<b>803</b>	1Ed. 6/12/67	LAST NM 21/13	51/13
Delete	Depth 6 fathoms "Rep (1947)" and enclosing depth contour (10-fathom) centered		54°11'N 160°47'W
	(NOS)		
<b>P 803</b>	1Ed. 6/12/67	LAST NM 51/13	44/15
Change	Legend to "ALEUTIAN ISLANDS (Areas to be Avoided - See Note)"		54°04'N 168°10'W
Add	Note "AREAS TO BE AVOIDED The Aleutian Island chain contains areas to be avoided by all ships (solely in transit) of 400 gross tons or more to reduce the risk of a marine casualty, resulting pollution and damage to the environment. See Charts 16011, 16012, 16013."		62°40'N 156°35'W
	Note: The above Areas to be Avoided have been adopted by IMO and will become effective at 0001 GMT on 01 January 2016		
	(NTM0027/2015)		
<b>803</b>	1Ed. 6/12/67	LAST NM 44/15	52/15
Change	Legend to "ALEUTIAN ISLANDS (Areas to be Avoided - See Note)"		54°04'N 168°10'W
Add	Note "AREAS TO BE AVOIDED The Aleutian Island chain contains areas to be avoided by all ships (solely in transit) of 400 gross tons or more to reduce the risk of a marine casualty, resulting pollution and damage to the environment. See Charts 16011, 16012, 16013."		62°40'N 156°35'W
	Note: The above Areas to be Avoided have been adopted by IMO (Supersedes 44/15P-803)		
	(NTM0027/2015)		
<b>803</b>	1Ed. 6/12/67	LAST NM 52/15	46/16
Add	Dashed line circle "Subm buoy (cov 34fms)"		72°28'N 155°24'W
	Dashed line circle "Subm buoy (cov 29fms)"		73°18'N 160°47'W
	(37/16 CG17)		
<b>803</b>	1Ed. 6/12/67	LAST NM 46/16	6/17
Add	Note "NOTE Ocean Data Acquisition System (ODAS) buoys and Deep-ocean Assessment and Reporting of Tsunami (DART) buoys will no longer be maintained on this chart unless located in areas where larger scale chart coverage is unavailable."		61°10'N 104°30'W
	(NTM0008/2014)		
<b>803</b>	1Ed. 6/12/67	LAST NM 6/17	9/17
Change	Legend at dashed-line circle to "Subm buoy (cov 23fms)"		72°28'N 155°24'W
	Legend at dashed-line circle to "Subm buoy (cov 25fms)"		73°18'N 160°47'W
	(See 46/16-803)		
	(46/16 CG17)		
<b>★803</b>	1Ed. 6/12/67	LAST NM 9/17	24/18
Delete	"Depths to 6fms rep (2009)" area in vicinity		53°32'N 169°50'W
	(NTM0001/2018)		
<b>★804</b>	5Ed. 4/13/96	NEW EDITION (DMA)	26/96
<b>804</b>	5Ed. 4/13/96	LAST NM 26/96	40/05
Delete	Depth 34 fathoms		69°34'N 41°02'E
	(NTM0033/2005)		
<b>804</b>	5Ed. 4/13/96	LAST NM 40/05	4/08
Add	Depth 681 fathoms "Rep (2007)"		72°17'N 0°39'W
	(NTM0002/2008)		
<b>804</b>	5Ed. 4/13/96	LAST NM 4/08	12/11
Delete	Depth 4 fathoms, blue tint and enclosing depth contour (10-fathom) centered		76°12'N 14°40'E
	(UKHO ARCS 2228-0)		
<b>804</b>	5Ed. 4/13/96	LAST NM 12/11	13/11
Add	Depth 30 fathoms enclosed by depth contour (100-fathom) centered		78°29'N 28°25'E
	Depth 33 fathoms		78°27'N 35°40'E
	(UKHO ARCS 4010-0)		
<b>804</b>	5Ed. 4/13/96	LAST NM 13/11	29/16
Add	Depth 6 fathoms one foot, blue tint and enclosing depth contour (10-fathom) centered		63°05'N 19°55'E
	(NTM0003/2016)		

**804** 5Ed. 4/13/96 LAST NM 29/16 35/17  
 Add Superbuoy ODAS [Q58] "K7" Y, Fl(5) Y 20s 60°29'N 4°10'W  
 (2(168)13 Taunton)

**804** 5Ed. 4/13/96 LAST NM 35/17 37/17  
 Change Designation of superbuoy ODAS "25GB" to "K2" 51°02'N 13°17'W  
 (UKHO ARCS 4102-0)

**804** 5Ed. 4/13/96 LAST NM 37/17 38/17  
 Add Superbuoy ODAS [Q58] "K5" Y, Fl(5) Y 20s 59°07'N 11°41'W  
 Superbuoy ODAS [Q58] "K4" Y, Fl(5) Y 20s 55°09'N 12°45'W  
 Superbuoy ODAS [Q58] "M6" Y, Fl(5) Y 20s 53°03'N 15°57'W  
 (UKHO ARCS 4102-0)

**★805** 1Ed. 1/16/04 NEW EDITION N38/12  
 Add Depth 925 meters "Healy Seamount" 78°37'N 158°21'W  
 (Previously published N40/07)

Add Depth 120 meters 69°21'N 56°13'W  
 (Previously published N17/09)  
 (NGA)

**★1113A** 32Ed. 10/18 NEW EDITION 44/18  
 (NOS)

**★1113A** 32Ed. 10/18 LAST NM 44/18 3/19  
 Delete Buoy "I" 24°43.6'N 82°52.0'W  
 Buoy "P" 24°36.1'N 82°50.1'W  
 (45/18 CG7)

**★1113A** 32Ed. 10/18 LAST NM 3/19 9/19  
 Add Chartlet, depicting changes in hydrography, from Subsection I-2 24°37.7'N 82°15.0'W  
 (NOS)

**★1113A** 32Ed. 10/18 LAST NM 9/19 26/19  
 Delete Depth 7 ½ fathoms 27°31.0'N 82°56.9'W

Add Depth 3 ½ fathoms Obstn [K41] 27°31.2'N 82°47.6'W  
 Depth 6 ½ fathoms Obstn [K41] 27°31.0'N 82°54.7'W  
 Depth 5 ¾ fathoms Obstn [K41] 27°31.3'N 82°53.4'W  
 Depth 7 ½ fathoms Obstn [K41] 27°30.6'N 82°56.3'W  
 (NOS)

**★1113A** 32Ed. 10/18 LAST NM 26/19 32/19  
 Add Depth 62 fathoms enclosed by depth contour (100-fathom) centered 24°21.1'N 82°01.6'W  
 Buoy "A CDIP STA 244" Y, Fl(5) Y 20s (Priv) [Q130.6] 24°24.4'N 81°58.0'W  
 Depth 2 ¼ fathoms enclosed by depth contour (3-fathom) centered 24°38.7'N 82°18.1'W  
 (See 9/19)  
 (NOS; 12/19 CG7)

**★1114A** Ed. 1/06 NEW EDITION 11/06  
 Add Dangerous wreck [K28] 27°40.2'N 82°57.7'W  
 (Previously published 8/06)  
 (NOS)

**1114A** Ed. 1/06 LAST NM 11/06 27/06  
 Relocate Buoy "I" from 27°32.5'N 82°47.9'W to 27°32.3'N 82°48.6'W  
 (16/06 CG7)

**1114A** Ed. 1/06 LAST NM 27/06 28/06  
 Add Depth 5 ¾ fathoms Wk [K26] 29°12.0'N 83°52.0'W  
 (17/06 CG7)

**1114A** Ed. 1/06 LAST NM 28/06 39/06  
 Delete Buoy "30" 29°28.5'N 85°29.8'W  
 (36/06 CG8)

**1114A** Ed. 1/06 LAST NM 39/06 32/07  
 Add Dangerous wreck [K28] (PA) 29°46.1'N 83°58.2'W  
 (26/07 CG8)

**1114A** Ed. 1/06 LAST NM 32/07 6/08  
 Delete Buoy "1" 29°33.5'N 84°58.1'W  
 (51/07 CG8)

**1114A** Ed. 1/06 LAST NM 6/08 31/08  
 Add Danger circle [K46.2] "Obstn (Fish Haven) (auth min 7 ¼ fms)" 27°41.7'N 83°17.5'W  
 (NOS)

**1114A** Ed. 1/06 LAST NM 31/08 48/08  
 Delete Buoy 27°51.4'N 83°01.8'W  
 Buoy 27°51.9'N 83°01.8'W  
 Buoy 27°50.9'N 83°01.8'W  
 Legend "Priv aids" 27°53.2'N 83°02.6'W  
 (7/07 CG7)

**1114A** Ed. 1/06 LAST NM 48/08 51/08  
 Add Danger circle "Fish haven (auth min 4 ½ fms)" [K46.2] 29°39.6'N 84°30.0'W  
 (NOS)

**1114A** Ed. 1/06 LAST NM 51/08 7/09  
 Add Buoy "C12" Y, Fl Y 12s (Priv) 27°29.9'N 83°43.3'W  
 Buoy "C16" Y, Fl Y 12s (Priv) 27°27.5'N 84°13.1'W  
 (52/08 CG7)

**1114A** Ed. 1/06 LAST NM 7/09 8/09  
 Add Buoy "C14" Y, Fl Y 12s (Priv) 28°18.6'N 83°18.3'W  
 (52/08 CG7)

**1114A** Ed. 1/06 LAST NM 8/09 22/09  
 Add Light Fl 6s 76ft (Priv) 29°39.8'N 84°51.8'W  
 (17/09 CG8)

**1114A** Ed. 1/06 LAST NM 22/09 24/09  
 Add Depth 7 fathoms 27°35.5'N 83°04.6'W  
 Depth 9 ¼ fathoms 27°35.7'N 83°11.1'W  
 Depth 9 ½ fathoms 27°33.9'N 83°10.9'W  
 Depth 12 fathoms 27°32.5'N 83°14.5'W  
 Depth 16 fathoms 27°27.7'N 83°26.7'W  
 Depth 11 ¼ fathoms 27°34.6'N 83°08.9'W  
 (NTM0023/2009)

**1114A** Ed. 1/06 LAST NM 24/09 30/09  
 Change Legend to "Obstn (Fish Haven) (auth min 3 ½ fms)" 27°43.4'N 82°58.5'W  
 Legend to "Obstn (Fish Haven) (auth min 3 ½ fms)" 28°03.0'N 83°00.7'W  
 (NOS)

**1114A** Ed. 1/06 LAST NM 30/09 41/09  
 Change Height of light "O" to 120ft 29°32.4'N 84°37.0'W  
 (34/09 CG8)

**1114A** Ed. 1/06 LAST NM 41/09 45/09  
 Add Obstruction "(Fish haven) (auth min 6 ½ fms)" [K46.2] bound by dotted line joining 29°43.2'N 85°29.4'W  
 29°44.2'N 85°29.4'W  
 29°44.2'N 85°28.3'W  
 29°43.2'N 85°28.3'W  
 (NOS)

**1114A** Ed. 1/06 LAST NM 45/09 8/10  
 Change Light "1" to Fl G 2.5s 16ft 4M 28°08.3'N 82°52.0'W  
 Light "7" to Fl G 6s 16ft 4M 28°09.6'N 82°50.1'W  
 (4/10 CG7)

**1114A** Ed. 1/06 LAST NM 8/10 10/10  
 Add Danger circle [K40] "Obstn Aquaculture Area" 29°46.4'N 84°19.5'W  
 (NOS)

**1114A** Ed. 1/06 LAST NM 10/10 11/10  
 Change Light to "1" Fl G 2.5s 16ft 4M 28°08.3'N 82°52.0'W  
 Light to "7" Fl G 6s 16ft 4M 28°08.3'N 82°50.9'W  
 (Cancels 8/10-1114A)  
 (4/10 CG7)

<b>1114A</b>	Ed. 1/06	LAST NM 11/10	32/10		
Add	Dangerous wreck [K28] (PA)		29°36.0'N 85°08.0'W		
		(28/10 CG8)			
<b>1114A</b>	Ed. 1/06	LAST NM 32/10	11/11		
Add	Depth 3 1/3 fathoms Obstn [K41] "Rep (2011)" (PA)		29°43.3'N 85°28.5'W		
		(7/11 CG8)			
<b>1114A</b>	Ed. 1/06	LAST NM 11/11	35/11		
Delete	Buoy "WR" and add legend "Wk" at dotted-line circle		29°35.8'N 85°00.0'W		
		(13/11 CG8)			
<b>1114A</b>	Ed. 1/06	LAST NM 35/11	23/12		
Substitute	Depth 2 1/2 fathoms Obstn [K41] "Rep (2011)" (PA) for 3 1/3 fathoms Obstn		29°43.3'N 85°28.5'W		
		(NOS)			
<b>1114A</b>	Ed. 1/06	LAST NM 23/12	35/12		
Delete	BELL from buoy "2"		29°44.5'N 84°39.2'W		
		(32/12 CG8)			
<b>1114A</b>	Ed. 1/06	LAST NM 35/12	37/12		
Delete	BELL from buoy "26"		29°48.2'N 84°20.4'W		
		(33/12 CG8)			
<b>1114A</b>	Ed. 1/06	LAST NM 37/12	52/12		
Delete	Buoy		27°52.5'N 83°11.4'W		
		(49/12 CG7)			
<b>1114A</b>	Ed. 1/06	LAST NM 52/12	37/13		
Change	Period of buoy "C14" to 4s		28°18.6'N 83°18.3'W		
		(34/13 CG7)			
<b>1114A</b>	Ed. 1/06	LAST NM 37/13	46/13		
Change	Period of buoy "C12" to 4s Period of buoy "C16" to 4s		27°29.9'N 83°43.3'W 27°27.5'N 84°13.1'W		
		(33/13 CG7)			
<b>1114A</b>	Ed. 1/06	LAST NM 46/13	7/14		
Change	Visibility (range) of light "1" to 5M		27°58.3'N 82°50.8'W		
		(50/13 CG7)			
<b>1114A</b>	Ed. 1/06	LAST NM 7/14	22/14		
Add	Wreck [K29] (PA)		29°08.3'N 85°27.0'W		
		(12/14 CG8)			
<b>1114A</b>	Ed. 1/06	LAST NM 22/14	27/14		
Change	Visibility (range) of light "4" to 5M		28°14.8'N 82°49.9'W		
Add	Stranded wreck [K24] (PA)		27°56.2'N 82°56.2'W		
		(20/14 CG7)			
<b>1114A</b>	Ed. 1/06	LAST NM 27/14	32/14		
Delete	Buoy "C14" Buoy "C16" (See 37, 46/13-1114A)		28°18.6'N 83°18.3'W 27°27.5'N 84°13.1'W		
		(22/14 CG7)			
<b>1114A</b>	Ed. 1/06	LAST NM 32/14	7/15		
Add	Danger circle "Obstn" [K40] (Rep 2014) (PA)		27°36.2'N 83°02.1'W		
		(NOS)			
<b>1114A</b>	Ed. 1/06	LAST NM 7/15	9/15		
Change	Legend to "Fish haven (auth min 3fms)"		29°19.7'N 83°27.6'W		
Add	Depth 2 3/4 fathoms		29°19.8'N 83°26.1'W		
		(NOS)			
<b>1114A</b>	Ed. 1/06	LAST NM 9/15	18/15		
Add	AIS [S17.2] to buoy "T"		27°35.4'N 83°00.7'W		
		(8/15 CG7)			
<b>1114A</b>	Ed. 1/06	LAST NM 18/15	1/16		
Relocate	Buoy "C12" from 27°29.9'N 83°43.3'W to 27°30.3'N 83°44.5'W				
		(25/15 CG7)			
<b>1114A</b>	Ed. 1/06	LAST NM 1/16	11/16		
Relocate	Buoy "26" from 29°48.2'N 84°20.4'W to 29°48.0'N 84°20.7'W				
		(32/15 CG8)			
<b>1114A</b>	Ed. 1/06	LAST NM 11/16	12/16		
Add	Depth 2 3/4 fathoms Wk [K26]		27°56.0'N 82°55.1'W		
		(NOS)			
<b>1114A</b>	Ed. 1/06	LAST NM 12/16	45/16		
Delete	Buoy "2"		29°48.8'N 84°31.2'W		
		(9/16 CG8)			
<b>1114A</b>	Ed. 1/06	LAST NM 45/16	6/17		
Add	Dangerous wreck [K28] (PA)		27°47.3'N 83°06.6'W		
		(30/16 CG7)			
<b>1114A</b>	Ed. 1/06	LAST NM 6/17	12/17		
Delete	Buoy "2"		28°55.3'N 83°11.9'W		
		(40/16 CG7)			
<b>★1114A</b>	Ed. 1/06	LAST NM 12/17	3/18		
Change	Range of light to 13M		27°35.9'N 82°45.5'W		
		(45/17 CG7)			
<b>★1114A</b>	36Ed. 1/06	LAST NM 3/18	7/19		
Add	Dangerous wreck [K28] (PA)		29°30.3'N 85°07.2'W		
		(46/18 CG8)			
<b>★1114A</b>	36Ed. 1/06	LAST NM 7/19	22/19		
Add	Depth 6 1/4 fathoms Obstn [K41] Depth 6 1/4 fathoms Obstn [K41]		27°40.8'N 82°58.5'W 27°40.6'N 82°58.4'W		
		(NOS)			
<b>★1114A</b>	36Ed. 1/06	LAST NM 22/19	26/19		
Delete	Depth 7 1/2 fathoms		27°30.8'N 82°56.7'W		
Add	Depth 3 1/4 fathoms Obstn [K41] Depth 5 1/4 fathoms Obstn [K41] Depth 3 1/2 fathoms Obstn [K41] Depth 6 1/2 fathoms Obstn [K41] Depth 5 3/4 fathoms Obstn [K41] Depth 7 1/2 fathoms Obstn [K41]		27°44.5'N 82°58.6'W 27°46.1'N 82°57.0'W 27°31.2'N 82°47.6'W 27°31.0'N 82°54.7'W 27°31.3'N 82°53.4'W 27°30.6'N 82°56.3'W		
		(NOS)			
<b>★1114A</b>	36Ed. 1/06	LAST NM 26/19	32/19		
Add	Depth 4 1/2 fathoms Obstn [K41]		27°47.0'N 82°56.3'W		
		(NOS)			
<b>★1115A</b>	Ed. 10/10	NEW EDITION	48/10		
		(NOS)			
<b>1115A</b>	Ed. 10/10	LAST NM 48/10	49/10		
Delete	Position circle and legend "Cleaning...B)"		28°17.0'N 88°42.0'W		
	Position circle and legend "Cleaning...B)"		28°50.0'N 89°24.0'W		
		(See 30/10-1115A)			
		(NOS)			
<b>1115A</b>	Ed. 10/10	LAST NM 49/10	4/11		
Add	Well (cov 25 fms) [L20]		29°26.3'N 88°38.0'W		
		(51/10 CG8)			
<b>1115A</b>	Ed. 10/10	LAST NM 4/11	6/11		
Delete	Dangerous wreck and legend "(6 fms rep)"		30°01.0'N 85°42.0'W		

(continued on next page)

**1115A** (Continued) 6/11  
 Add Submarine pipeline [L40.1] joining 28°12.5'N 88°44.2'W  
 28°12.5'N 88°45.3'W  
 28°14.2'N 88°46.4'W  
 28°12.5'N 88°47.6'W  
 28°11.7'N 88°44.9'W  
 28°11.7'N 88°43.5'W  
 28°12.5'N 88°44.2'W

(NOS)

**1115A** Ed. 10/10 LAST NM 6/11 7/11  
 Delete Well (cov 25fms) 29°26.3'N 88°38.0'W  
 (Supersedes 4/11-1115A)  
 (3/11 CG8)

**1115A** Ed. 10/10 LAST NM 7/11 26/11  
 Add Legend "LOWER MISSISSIPPI RIVER  
 VESSEL TRAFFIC SERVICES AREA (see  
 note B)" 28°48.4'N 89°20.9'W

Note  
 "Note B  
 The U.S. Coast Guard operates a mandatory  
 Vessel Traffic Services (VTS) system in the  
 Lower Mississippi River. Vessel operating  
 procedures and designated radiotelephone  
 frequencies are published in 33 CFR 161, the  
 U.S. Coast Pilot, and/or the VTS User's  
 Manual. Mariners should consult these sources  
 for applicable rules and reporting requirements.  
 Although mandatory VTS participation is  
 limited to the navigable waters of the United  
 States, certain vessels are encouraged or may  
 be required, as a condition of port entry, to  
 report beyond this area to facilitate advance  
 vessel traffic management within the VTS  
 area." 29°13.0'N 89°20.5'W

(NOS)

**1115A** Ed. 10/10 LAST NM 26/11 29/11  
 Add Platform [L10] 29°10.3'N 88°36.2'W  
 (25/11 CG8)

**1115A** Ed. 10/10 LAST NM 29/11 30/11  
 Delete Submerged well (cov 25fms) and buoy 29°32.8'N 88°22.0'W

Add Submarine pipeline [L40.1] joining 29°09.7'N 88°02.3'W  
 29°09.2'N 88°02.3'W  
 29°07.6'N 88°03.5'W  
 29°07.0'N 88°03.7'W

(NOS; 15/11 CG8)

**1115A** Ed. 10/10 LAST NM 30/11 31/11  
 Add Submarine pipeline [L40.1] joining 27°57.0'N 88°09.2'W  
 27°58.5'N 88°09.2'W  
 28°08.1'N 88°00.4'W

(NOS)

**1115A** Ed. 10/10 LAST NM 31/11 33/11  
 Delete Platform 29°37.5'N 88°34.4'W  
 (29/11 CG8)

**1115A** Ed. 10/10 LAST NM 33/11 35/11  
 Delete Platform 29°56.5'N 88°06.4'W  
 Platform 29°51.5'N 87°54.5'W  
 WHIS from buoy "SA" 30°05.6'N 85°46.2'W  
 (13, 31/11 CG8)

**1115A** Ed. 10/10 LAST NM 35/11 43/11  
 Delete Platform 29°39.3'N 88°37.2'W  
 Platform 29°40.1'N 88°37.7'W  
 (39/11 CG8)

**1115A** Ed. 10/10 LAST NM 43/11 44/11  
 Delete Platform and Racon 30°04.1'N 87°57.3'W  
 (40/11 CG8)

**1115A** Ed. 10/10 LAST NM 44/11 48/11  
 Delete Platform 29°31.0'N 88°39.2'W  
 Platform 29°59.7'N 88°00.2'W

Add Depth 9 1/2 fathoms Obstn [K41] "Rep (2010)" 30°15.1'N 87°15.0'W  
 (NOS; 44/11 CG8)

**1115A** Ed. 10/10 LAST NM 48/11 50/11  
 Delete Platform 30°00.8'N 87°58.7'W  
 (46/11 CG8)

**1115A** Ed. 10/10 LAST NM 50/11 51/11  
 Add Submarine pipeline [L40.1] joining 28°44.3'N 88°55.8'W  
 28°50.7'N 88°55.4'W  
 28°51.9'N 88°55.8'W

(NOS)

**1115A** Ed. 10/10 LAST NM 51/11 8/12  
 Delete Platform 29°44.7'N 88°26.8'W  
 Platform 29°44.4'N 88°25.8'W  
 (5/12 CG8)

**1115A** Ed. 10/10 LAST NM 8/12 9/12  
 Add Submarine pipeline [L40.1] joining 29°11.2'N 88°41.0'W  
 29°10.4'N 88°37.3'W  
 29°10.3'N 88°36.2'W

(NOS)

**1115A** Ed. 10/10 LAST NM 9/12 11/12  
 Add Submarine pipeline [L40.1] joining 28°43.5'N 89°26.0'W  
 28°45.1'N 89°24.4'W  
 28°45.6'N 89°24.3'W  
 28°46.0'N 89°24.3'W

Submarine pipeline [L40.1] between 29°33.1'N 88°39.3'W  
 29°33.4'N 88°38.5'W

(NOS)

**1115A** Ed. 10/10 LAST NM 11/12 13/12  
 Delete Buoy "2" 28°58.7'N 89°06.6'W  
 (10/12 CG8)

**1115A** Ed. 10/10 LAST NM 13/12 16/12  
 Add Submarine pipeline [L40.1] joining 28°14.9'N 89°30.0'W  
 28°21.1'N 89°26.8'W  
 28°21.7'N 89°26.7'W  
 28°23.6'N 89°27.2'W  
 28°20.7'N 89°27.1'W

Buoy Y (Priv)  
 Platform [L10] 28°56.2'N 88°58.2'W  
 29°21.4'N 87°58.7'W  
 (NOS; 12, 13/12 CG8)

**1115A** Ed. 10/10 LAST NM 16/12 18/12  
 Add Danger circle "Obstn" [K40] (PA) 28°51.8'N 89°24.2'W

Submarine pipeline [L40.1] between 28°27.1'N 89°05.1'W  
 28°26.3'N 89°04.8'W

Submarine pipeline [L40.1] joining 28°15.2'N 89°15.2'W  
 28°21.1'N 89°07.7'W  
 28°23.3'N 89°02.9'W  
 28°24.9'N 89°01.0'W  
 28°24.8'N 88°58.6'W  
 28°25.5'N 88°55.9'W  
 28°25.7'N 88°52.3'W  
 28°24.7'N 88°47.5'W  
 28°24.7'N 88°44.4'W

Submarine pipeline [L40.1] joining 28°24.9'N 89°01.0'W  
 28°26.1'N 89°01.4'W  
 28°27.0'N 89°01.2'W  
 28°27.7'N 89°00.7'W  
 28°24.9'N 89°01.0'W  
 28°25.9'N 89°02.1'W  
 28°26.7'N 89°02.6'W  
 28°26.4'N 89°01.9'W  
 28°25.8'N 89°01.4'W

(NOS; 15/12 CG8)

**1115A** Ed. 10/10 LAST NM 18/12 20/12  
 Delete Platforms (2) 29°44.0'N 88°28.9'W  
 (17/12 CG8)

<b>1115A</b>	Ed. 10/10	LAST NM 20/12		23/12	
Delete	Danger circle "Obstn...1986"		30°11.4'N 87°27.4'W		
	Depth 9 1/2 fathoms Obstn		30°11.8'N 87°27.4'W		
	Depth 9 1/2 fathoms Obstn		30°11.6'N 87°25.2'W		
(NOS)					
<b>1115A</b>	Ed. 10/10	LAST NM 23/12		26/12	
Delete	Platforms (2) in vicinity		28°58.4'N 88°37.6'W		
	Wreck (PA)		30°15.8'N 86°20.1'W		
Add	Platform [L10]		28°59.0'N 88°37.9'W		
	Submerged well (cov 24fms) [L20] marked by				
	buoy W Or, Fl 2.5s (Priv)		29°33.2'N 88°20.3'W		
	Buoy ODAS (Priv)		29°54.1'N 87°11.6'W		
	Buoy ODAS (Priv)		29°56.7'N 87°11.6'W		
	Buoy ODAS (Priv)		29°55.1'N 87°10.2'W		
	Buoy ODAS (Priv)		29°54.4'N 87°08.2'W		
	Buoy ODAS (Priv)		29°48.9'N 87°04.2'W		
	Buoy ODAS (Priv)		29°24.1'N 86°59.0'W		
	Depth 10 fathoms Obstn [K41]		30°16.8'N 86°26.0'W		
(NOS; 21, 22/12 CG8)					
<b>1115A</b>	Ed. 10/10	LAST NM 26/12		27/12	
Change	Buoy to ODAS "C" Y, Fl Y 2.5s (Priv)		29°54.1'N 87°11.6'W		
	Buoy to ODAS "B" Y, Fl Y 2.5s (Priv)		29°54.4'N 87°08.2'W		
	Buoy to ODAS "A" Y, Fl Y 2.5s (Priv)		29°48.9'N 87°04.2'W		
	(See 26/12-1115A)				
Add	Submerged well (cov 35fms) [L10] marked by				
	buoy W Or, Fl 2.5s (Priv)		29°17.0'N 88°36.4'W		
(24/12 CG8)					
<b>1115A</b>	Ed. 10/10	LAST NM 27/12		29/12	
Delete	Depth 8 fathoms Wk		30°10.8'N 87°17.6'W		
	Dangerous wreck (PA)		30°12.0'N 87°17.0'W		
	Swept depth 9 1/2 fathoms Obstn		30°12.3'N 87°16.0'W		
	Depth 9 1/2 fathoms Obstn		30°12.7'N 87°21.8'W		
	Dangerous wreck		30°13.4'N 87°18.5'W		
	Depth 10 fathoms Obstn		30°13.4'N 87°16.2'W		
Substitute	Depth 10 fathoms Wk [K26] for 8 1/2 fathoms Wk		30°13.1'N 87°19.4'W		
Add	Depth 10 fathoms Obstn [K41]		30°10.0'N 87°18.6'W		
	Depth 9 1/2 fathoms Obstn [K41]		30°11.0'N 87°18.3'W		
	Depth 11 fathoms Obstn [K41]		30°11.6'N 87°19.5'W		
	Depth 9 1/2 fathoms Obstn [K41]		30°09.9'N 87°20.2'W		
	Depth 11 fathoms Obstn [K41]		30°09.6'N 87°22.5'W		
	Depth 10 fathoms Obstn [K41]		30°10.1'N 87°22.2'W		
	Depth 10 fathoms Obstn [K41]		30°11.9'N 87°22.5'W		
	Depth 10 fathoms Obstn [K41]		30°11.2'N 87°22.1'W		
(NOS)					
<b>1115A</b>	Ed. 10/10	LAST NM 29/12		30/12	
Delete	Submerged well (cov 35fms) and buoy		29°17.0'N 88°36.4'W		
	(See 27/12-1115A)				
(26/12 CG8)					
<b>1115A</b>	Ed. 10/10	LAST NM 30/12		34/12	
Delete	WHIS from buoy "SW"		28°52.6'N 89°26.2'W		
Add	Submarine pipeline [L40.1] between		28°14.2'N 88°46.4'W		
			28°12.1'N 88°45.9'W		
(NOS; 31/12 CG8)					
<b>1115A</b>	Ed. 10/10	LAST NM 34/12		35/12	
Add	Submarine pipeline [L40.1] between		27°33.4'N 87°46.2'W		
			27°33.7'N 87°44.4'W		
	Submarine pipeline [L40.1] joining		28°31.3'N 88°17.3'W		
			28°30.6'N 88°19.2'W		
			28°29.7'N 88°19.6'W		
			28°26.7'N 88°16.6'W		
			28°27.5'N 88°14.7'W		
			28°30.6'N 88°19.2'W		
Submarine pipeline [L40.1] between			28°26.7'N 88°16.6'W		
			28°30.6'N 88°19.2'W		
(NOS)					
<b>1115A</b>	Ed. 10/10	LAST NM 35/12		38/12	
Substitute	Obstruction "Fish haven (auth min 16fms)"				
	bound by dashed line [K46.2] joining		29°05.0'N 88°43.5'W		
			29°05.6'N 88°43.8'W		
			29°05.9'N 88°43.1'W		
			29°05.3'N 88°42.8'W		
	for dashed line area "Obstn...32fms"				
	Note: Buoy "FR-MS-16" remains				
	Obstruction "Fish haven (auth min 14fms)"				
	bound by dashed line [K46.2] joining		29°20.3'N 88°48.3'W		
			29°20.9'N 88°48.3'W		
			29°20.9'N 88°47.5'W		
			29°20.3'N 88°47.5'W		
	for dashed line circle "Obstn...14fms"				
	Note: Buoy (Y Priv) and danger circle "Obstn" (PA) close SW remain				
Add	Danger circle "Obstn" [K40] (PA)		29°05.6'N 88°43.3'W		
	Submarine pipeline [L40.1] joining		28°05.1'N 87°59.2'W		
			28°01.9'N 88°01.1'W		
			27°59.5'N 88°01.3'W		
			27°55.0'N 87°59.6'W		
			27°49.7'N 87°56.3'W		
			27°43.7'N 87°54.8'W		
			27°38.3'N 87°56.0'W		
			27°36.9'N 87°55.1'W		
			27°33.4'N 87°46.2'W		
	Submarine pipeline [L40.1] joining		27°39.8'N 87°55.7'W		
			27°39.5'N 87°54.6'W		
			27°34.0'N 87°47.9'W		
(NOS)					
<b>1115A</b>	Ed. 10/10	LAST NM 38/12		39/12	
Delete	Depth 9 fathoms Wk		30°16.0'N 87°13.6'W		
	Depth 10 fathoms Wk		30°16.1'N 87°12.5'W		
	Depth 10 1/2 fathoms Obstn		30°15.4'N 87°12.1'W		
	Depth 9 1/2 fathoms Obstn		30°14.8'N 87°12.0'W		
	Depth 10 3/4 fathoms Obstn		30°13.9'N 87°11.8'W		
	Depth 11 fathoms Obstn		30°13.1'N 87°11.8'W		
	Depth 10 1/4 fathoms Obstn		30°14.9'N 87°07.3'W		
	Depth 10 1/4 fathoms Obstn		30°14.4'N 87°06.7'W		
	Depth 9 3/4 fathoms Obstn		30°15.0'N 87°06.0'W		
	Depth 10 1/4 fathoms Obstn		30°16.6'N 87°00.9'W		
(NOS)					
<b>1115A</b>	Ed. 10/10	LAST NM 39/12		42/12	
Add	Submarine pipeline [L40.1] between		27°49.6'N 87°56.2'W		
			28°05.1'N 87°59.1'W		
(NOS)					
<b>1115A</b>	Ed. 10/10	LAST NM 42/12		1/13	
Delete	Platform		29°21.4'N 87°58.7'W		
	(See 16/12-1115A)				
(49/12 CG8)					
<b>1115A</b>	Ed. 10/10	LAST NM 1/13		2/13	
Add	Submarine pipeline [L40.1] joining		28°50.6'N 89°02.7'W		
			28°47.6'N 88°52.3'W		
			28°46.8'N 88°51.1'W		
			28°44.5'N 88°49.5'W		
			28°47.8'N 88°51.5'W		
			28°49.0'N 88°52.6'W		
			28°49.9'N 88°54.0'W		
			28°50.8'N 88°55.0'W		
			28°51.9'N 88°55.5'W		
			28°52.3'N 88°55.9'W		
			28°52.4'N 88°56.4'W		
			28°52.1'N 88°59.2'W		
	Submarine pipeline [L40.1] joining		28°44.5'N 88°49.5'W		
			28°45.2'N 88°50.3'W		
			28°46.2'N 88°50.0'W		
			28°44.5'N 88°49.5'W		
(NOS)					
<b>1115A</b>	Ed. 10/10	LAST NM 2/13		3/13	
Delete	Platform		29°23.5'N 87°57.4'W		
(51/12 CG8)					
<b>1115A</b>	Ed. 10/10	LAST NM 3/13		5/13	
Substitute	Platform [L10] for submerged well (cov 24fms) and buoy		29°33.2'N 88°20.3'W		
	(See 26/12-1115A)				
(2/13 CG8)					

**1115A** Ed. 10/10 LAST NM 5/13 9/13  
 Change Buoy to "A" Y, Fl Y 2.5s (Priv) 28°56.2'N 88°58.2'W  
 (See 16/12-1115A)

Add Depth 7 ¼ fathoms Wk [K26] 30°02.1'N 88°30.9'W  
 (NOS; 4/13 CG8)

**1115A** Ed. 10/10 LAST NM 9/13 14/13  
 Add Position circle "TOWER" 29°59.0'N 88°35.0'W  
 Submerged well (cov 19fms) [L20] 29°39.8'N 88°28.4'W  
 (NOS; 7/13 CG8)

**1115A** Ed. 10/10 LAST NM 14/13 20/13  
 Delete Danger circle "Obstn" (PA) 29°20.4'N 88°48.2'W  
 (17/13 CG8)

**1115A** Ed. 10/10 LAST NM 20/13 27/13  
 Delete Buoy "C" 29°54.1'N 87°11.6'W  
 Buoy "B" 29°54.4'N 87°08.2'W  
 Buoy "A" 29°48.9'N 87°04.2'W

Add Position circle "Tr" [E1] 29°44.5'N 88°31.0'W  
 Position circle "Tr" [E1] 29°52.7'N 88°19.0'W  
 (NOS; 23/13 CG8)

**1115A** Ed. 10/10 LAST NM 27/13 35/13  
 Add Platform [L10] 28°09.6'N 89°14.3'W  
 (26/13 CG8)

**1115A** Ed. 10/10 LAST NM 35/13 40/13  
 Add Submarine pipeline [L40.1] between 29°08.6'N 88°42.0'W  
 29°11.2'N 88°41.0'W  
 (NOS)

**1115A** Ed. 10/10 LAST NM 40/13 42/13  
 Add "REGULATED NAVIGATION AREA  
 165.840 (see note A)" bound by purple dashed-  
 line circle [N1.2] enclosing buoy "A" 28°56.2'N 88°58.2'W  
 (See 9/13-1115A)  
 (NOS)

**1115A** Ed. 10/10 LAST NM 42/13 47/13  
 Delete Buoy (mooring) 28°09.6'N 89°15.8'W  
 (35/13 CG8)

**1115A** Ed. 10/10 LAST NM 47/13 3/14  
 Add Position circle "Pipe (awash)" [L23] (PA) 29°12.1'N 88°55.9'W  
 (43/13 CG8)

**1115A** Ed. 10/10 LAST NM 3/14 5/14  
 Delete Light 28°59.3'N 89°08.4'W  
 Depth 7 ¼ fathoms Wk 30°02.1'N 88°30.9'W  
 (See 9/13-1115A)

Add Dashed-line circle "Fish haven  
 (auth min 25fms)" [K46.2] 28°47.7'N 89°10.6'W  
 Submerged well (cov 36fms) [L20] marked by  
 buoy W Or, Fl 2.5s (Priv) 29°16.1'N 88°38.1'W  
 (NOS; 44/13 CG8)

**1115A** Ed. 10/10 LAST NM 5/14 8/14  
 Delete Danger circle "Obstn...(1973)" 29°59.4'N 88°23.7'W  
 Danger circle "Obstn...2005)" 30°03.1'N 88°25.1'W  
 Depth 11 ¾ fathoms Obstn 30°03.1'N 88°10.1'W  
 (NOS)

**1115A** Ed. 10/10 LAST NM 8/14 15/14  
 Delete BELL from buoy "2" 29°14.4'N 88°57.4'W  
 Platform 29°34.0'N 88°39.5'W

Add Platform [L10] 29°36.7'N 88°24.1'W  
 (5, 6/14 CG8)

**1115A** Ed. 10/10 LAST NM 15/14 18/14  
 Add "SAFETY ZONE 147.849 (see note A)" area  
 bound by purple dashed line [N1.2] joining  
 28°09.3'N 89°14.7'W  
 28°09.9'N 89°14.7'W  
 28°09.9'N 89°14.0'W

(See 35/13-1115A)  
 (NOS) 28°09.3'N 89°14.0'W

**1115A** Ed. 10/10 LAST NM 18/14 22/14  
 Add Platform [L10] 28°14.1'N 88°59.7'W  
 Wreck [K29] (PA) 29°08.3'N 85°27.0'W  
 (12/14 CG8)

**1115A** Ed. 10/10 LAST NM 22/14 23/14  
 Delete Platform 29°33.9'N 88°38.4'W  
 (15/14 CG8)

**1115A** Ed. 10/10 LAST NM 23/14 34/14  
 Add Platform [L10] 28°45.3'N 88°16.0'W  
 (24/14 CG8)

**1115A** Ed. 10/10 LAST NM 34/14 36/14  
 Delete Platform 28°54.1'N 89°01.4'W  
 (25/14 CG8)

**1115A** Ed. 10/10 LAST NM 36/14 40/14  
 Delete Light 29°00.9'N 89°10.0'W  
 (28/14 CG8)

**1115A** Ed. 10/10 LAST NM 40/14 46/14  
 Add Obstruction "(Fish haven) (auth min 8 ¼fms)" 30°10.2'N 85°54.6'W  
 [K46.2] 30°10.2'N 85°54.6'W  
 Obstruction "(Fish haven) (auth min 8 ¼fms)" 30°08.6'N 85°51.8'W  
 [K46.2] 30°08.6'N 85°51.8'W  
 (NOS)

**1115A** Ed. 10/10 LAST NM 46/14 48/14  
 Substitute Platform [L10] for submerged well (cov 13fms) 29°34.6'N 88°36.1'W  
 (38/14 CG8)

**1115A** Ed. 10/10 LAST NM 48/14 50/14  
 Delete Depth 10 fathoms Obstn 30°03.7'N 88°17.5'W  
 (NOS)

**1115A** Ed. 10/10 LAST NM 50/14 51/14  
 Add Wreck [K29] (PA) 28°48.6'N 89°26.7'W  
 Platform [L10] 29°25.1'N 88°38.9'W  
 Platform [L10] 29°33.4'N 88°37.1'W  
 Platform [L10] 29°33.3'N 88°38.5'W  
 (39/14 CG8)

**1115A** Ed. 10/10 LAST NM 51/14 2/15  
 Delete Dangerous wreck 30°03.4'N 88°31.1'W

Add Depth 7 ¼ fathoms Wk [K26] 30°02.1'N 88°30.9'W  
 (See 5/14-1115A)  
 (NOS)

**1115A** Ed. 10/10 LAST NM 2/15 4/15  
 Delete Depth 9 ¼ fathoms Obstns 30°03.7'N 88°22.3'W

Substitute Depth 10 ½ fathoms Wk [K26] for 8 ½ fathoms  
 Obstn 30°02.9'N 88°19.8'W

Add Submarine pipeline [L40.1] joining 28°55.9'N 88°32.6'W  
 28°57.4'N 88°33.0'W  
 28°57.5'N 88°36.0'W

"SAFETY ZONE 147.859 (see note A)",  
 0.5 mile square, bound by purple dashed line  
 [N1.2], centered on platform) 28°14.1'N 88°59.7'W  
 (See 22/14-1115A)  
 (NOS)

**1115A** Ed. 10/10 LAST NM 4/15 7/15  
 Add Submarine pipeline [L40.1] joining 28°09.4'N 89°07.8'W  
 28°11.1'N 89°07.9'W  
 28°10.6'N 89°07.0'W

Platform [L10] 29°21.5'N 88°15.9'W  
 (NOS; 47/14 CG8)

<b>1115A</b>	Ed. 10/10	LAST NM 7/15	10/15		
Delete	Buoy (undesignated)	29°16.0'N 88°19.0'W			
	Note: Submerged well (cov 45fms) remains				
	Buoy "B1"	29°21.0'N 87°54.5'W			
	Buoy "C1"	29°35.0'N 87°21.0'W			
Add	Danger circle "Obstn" [K40] (PA)	29°17.2'N 88°54.5'W			
	Submarine pipeline [L40.1] joining	29°13.7'N 87°46.8'W 28°59.0'N 87°46.7'W 28°56.4'N 87°45.1'W 28°55.2'N 87°44.9'W 28°54.4'N 87°45.4'W 28°53.7'N 87°46.7'W			
	Submarine pipeline [L40.1] joining	28°57.9'N 87°46.1'W 28°56.6'N 87°43.5'W 28°55.0'N 87°44.5'W 28°54.4'N 87°45.4'W			
	(NOS; 50/14 CG8)				
<b>1115A</b>	Ed. 10/10	LAST NM 10/15	11/15		
Add	Submarine pipeline [L40.1] between	28°26.3'N 89°04.8'W 28°25.5'N 89°04.0'W			
	Submarine pipeline [L40.1] between	28°25.9'N 89°04.4'W 28°25.8'N 89°04.7'W			
	(NOS)				
<b>1115A</b>	Ed. 10/10	LAST NM 11/15	12/15		
Add	"SAFETY ZONE 147.855 (see note A)", 0.5 mile square, bound by purple dashed line [N1.2], centered on platform	28°20.5'N 88°15.9'W			
	Platform [L10] enclosed by "SAFETY ZONE 147.853 (see note A)", 0.5 mile square, bound by purple dashed line [N1.2]	28°13.7'N 87°47.9'W			
	(NOS)				
<b>1115A</b>	Ed. 10/10	LAST NM 12/15	18/15		
Add	Submarine pipeline [L40.1] joining	28°14.1'N 88°59.7'W 28°13.1'N 88°52.8'W 28°11.7'N 88°50.0'W 28°11.7'N 88°48.9'W 28°14.7'N 88°46.8'W 28°15.9'N 88°46.8'W			
	Depth 9¾ fathoms Obstn [K41]	30°06.2'N 85°48.1'W			
	Depth 6¼ fathoms Obstn [K41]	30°02.7'N 85°43.8'W			
	Depth 10½ fathoms Obstn [K41]	30°00.4'N 85°43.6'W			
	(NOS)				
<b>1115A</b>	Ed. 10/10	LAST NM 18/15	19/15		
Delete	Danger circle "Obstn" (PA)	30°02.3'N 88°40.6'W			
Add	Depth 10¾ fathoms Obstn [K41]	28°57.6'N 89°28.1'W			
	Depth 11 fathoms Wk [K26]	29°57.0'N 88°36.9'W			
	Platform [L10]	29°16.1'N 88°11.4'W			
	Depth 10½ fathoms Obstn [K41]	30°04.3'N 85°48.7'W			
	(NOS; 8/15 CG8)				
<b>1115A</b>	Ed. 10/10	LAST NM 19/15	23/15		
Add	Depth 7½ fathoms Wk [K26]	30°03.6'N 85°49.4'W			
	Depth 11 fathoms Obstn [K41]	30°03.6'N 85°48.3'W			
	Depth 11 fathoms Obstn [K41]	30°01.5'N 85°45.2'W			
	(NOS)				
<b>1115A</b>	Ed. 10/10	LAST NM 23/15	34/15		
Delete	Buoy "U"	29°15.0'N 88°44.9'W			
	Buoy "T"	29°45.0'N 88°14.9'W			
	Platform	29°36.9'N 88°06.1'W			
	Note: Platform close SE remains				
Add	Depth 11 fathoms Obstn [K41]	30°03.6'N 85°45.3'W			
	(NOS; 19/15 CG8)				
<b>1115A</b>	Ed. 10/10	LAST NM 34/15	37/15		
Add	Buoy (mooring)	29°16.0'N 88°56.4'W			
	Depth 8 fathoms Obstn "Fish haven" [K46.2]	30°19.7'N 86°22.9'W			
	(NOS)				
<b>1115A</b>	Ed. 10/10	LAST NM 37/15	41/15		
Add	Depth 6 fathoms Obstn [K41]	29°20.3'N 88°57.8'W			
	(NOS)				
<b>1115A</b>	Ed. 10/10	LAST NM 41/15	43/15		
Add	Depth 10½ fathoms Obstn [K41]	29°22.5'N 88°51.3'W			
	(NOS)				
<b>1115A</b>	Ed. 10/10	LAST NM 43/15	46/15		
Delete	Racon from platform	29°06.5'N 87°56.6'W			
	(17/15 CG8)				
<b>1115A</b>	Ed. 10/10	LAST NM 46/15	1/16		
Add	Submarine pipeline [L40.1] joining	28°09.6'N 89°14.4'W 28°15.0'N 89°18.2'W 28°18.0'N 89°19.3'W 28°21.6'N 89°21.9'W 28°25.7'N 89°23.2'W 28°35.1'N 89°28.0'W 28°37.0'N 89°30.0'W			
	Submarine pipeline [L40.1] joining	28°24.9'N 89°01.0'W 28°24.5'N 89°02.9'W 28°24.6'N 89°03.6'W 28°25.6'N 89°04.5'W			
	Submarine pipeline [L40.1] between	28°24.9'N 89°01.0'W 28°24.9'N 89°03.9'W			
	(NOS)				
<b>1115A</b>	Ed. 10/10	LAST NM 1/16	2/16		
Add	Wreck [K29] (PA)	29°44.0'N 85°45.7'W			
	(26/15 CG8)				
<b>1115A</b>	Ed. 10/10	LAST NM 2/16	6/16		
Add	Obstruction "Fish haven (auth min 10¼ fms)" [K46.2]	29°35.8'N 88°02.8'W			
	Note: Platform remains				
	(NOS)				
<b>1115A</b>	Ed. 10/10	LAST NM 6/16	9/16		
Add	Submarine pipeline [L40.1] joining	29°07.9'N 88°33.2'W 28°47.4'N 88°16.2'W 28°45.3'N 88°16.0'W			
	Submarine pipeline [L40.1] between	29°10.0'N 88°27.4'W 28°47.4'N 88°16.2'W			
	"Pipeline Area" [L40.2] bound by purple dashed line joining	28°45.3'N 88°16.0'W 28°44.7'N 88°13.9'W 28°44.1'N 88°13.3'W 28°43.1'N 88°12.8'W 28°42.7'N 88°15.7'W 28°43.3'N 88°16.1'W			
	Submarine pipeline [L40.1] between	28°43.1'N 88°12.8'W 28°41.0'N 88°10.5'W			
	Submarine pipeline [L40.1] joining	28°42.7'N 88°15.7'W 28°40.4'N 88°14.2'W 28°34.1'N 88°15.5'W			
	Buoy ODAS "Z" Y, FI Y 2.5s AIS	29°16.1'N 87°45.5'W			
	(NOS; 29/15 CG8)				
<b>1115A</b>	Ed. 10/10	LAST NM 9/16	16/16		
Add	Depth 9 fathoms Wk [K26]	30°05.4'N 85°54.9'W			
	(NOS)				
<b>1115A</b>	Ed. 10/10	LAST NM 16/16	27/16		
Delete	Dotted-line area "Obstn...8¼fms)" in vicinity	29°55.0'N 85°40.7'W			
Add	Obstruction "Fish haven (auth min 8fms)" area [K46.2] bound by dotted line joining	29°54.7'N 85°41.0'W 29°55.5'N 85°41.0'W 29°55.5'N 85°37.6'W 29°54.7'N 85°37.6'W			
	(continued on next page)				

**1115A** (Continued) 27/16  
Obstruction "Fish haven (auth min 6 1/2 fms)"  
area [K46.2] bound by dotted line joining  
29°54.7'N 85°36.5'W  
29°55.5'N 85°36.5'W  
29°55.5'N 85°32.6'W  
29°54.7'N 85°32.7'W  
(NOS)

**1115A** Ed. 10/10 LAST NM 27/16 28/16  
Add Submarine pipeline [L40.1] joining 28°44.8'N 88°21.7'W  
28°45.3'N 88°18.0'W  
28°45.3'N 88°16.0'W  
(NOS)

**1115A** Ed. 10/10 LAST NM 28/16 31/16  
Add Submarine pipeline [L40.1] joining 28°46.8'N 88°21.9'W  
28°44.8'N 88°21.7'W  
28°45.8'N 88°17.8'W  
28°45.3'N 88°16.1'W  
(NOS)

**1115A** Ed. 10/10 LAST NM 31/16 34/16  
Add Buoy W Or, Fl 2.5s (Priv) 29°19.3'N 88°32.4'W  
(45/15 CG8)

**1115A** Ed. 10/10 LAST NM 34/16 36/16  
Add Submarine pipeline [L40.1] joining 28°16.1'N 88°23.9'W  
28°17.6'N 88°23.7'W  
28°17.9'N 88°23.0'W  
28°17.1'N 88°22.4'W  
Submarine pipeline [L40.1] between 28°17.3'N 88°05.5'W  
28°17.9'N 88°03.9'W  
(NOS)

**1115A** Ed. 10/10 LAST NM 36/16 41/16  
Add Depth 7 fathoms 5 feet Wk [K26] 30°02.9'N 88°31.2'W  
(NOS)

**1115A** Ed. 10/10 LAST NM 41/16 44/16  
Add Submarine pipeline [L40.1] joining 28°23.6'N 89°27.2'W  
28°23.0'N 89°27.6'W  
28°22.7'N 89°27.6'W  
28°22.9'N 89°26.6'W  
28°23.9'N 89°26.6'W  
28°24.2'N 89°26.8'W  
(NOS)

**1115A** Ed. 10/10 LAST NM 44/16 48/16  
Add "SAFETY ZONE 147.865 (see note A)" area  
[N1.2] bound by purple dashed line joining  
28°01.7'N 89°06.3'W  
28°02.3'N 89°06.3'W  
28°02.3'N 89°05.7'W  
28°01.7'N 89°05.7'W  
(NOS)

**1115A** Ed. 10/10 LAST NM 48/16 49/16  
Delete Platform 29°54.2'N 88°29.0'W  
(16/16 CG8)

**1115A** Ed. 10/10 LAST NM 49/16 6/17  
Substitute Platform [L10] for buoy  
(Supersedes 34/16-1115A) 29°19.3'N 88°32.4'W  
(29/16 CG8)

**1115A** Ed. 10/10 LAST NM 6/17 9/17  
Add Submarine pipeline [L40.1] joining 28°12.5'N 88°44.2'W  
28°13.2'N 88°48.3'W  
28°14.7'N 88°49.8'W  
Submarine pipeline [L40.1] joining 28°17.2'N 88°06.6'W  
28°16.1'N 88°08.1'W  
28°15.0'N 88°15.7'W  
28°13.6'N 88°17.2'W  
28°16.3'N 88°20.9'W  
28°16.1'N 88°23.9'W  
28°15.1'N 88°22.4'W  
28°14.1'N 88°17.8'W  
(NOS)

**1115A** Ed. 10/10 LAST NM 9/17 13/17  
Delete Platform 29°19.2'N 87°48.8'W  
(40/16 CG8)

**1115A** Ed. 10/10 LAST NM 13/17 18/17  
Add Platform [L10] 28°41.9'N 89°23.8'W  
(NOS)

**1115A** Ed. 10/10 LAST NM 18/17 30/17  
Add Racon (••-) [S3.3] to platform 28°31.3'N 88°17.3'W  
(51/16 CG8)

**★1115A** Ed. 10/10 LAST NM 30/17 32/17  
Add Platform [L10] 29°21.1'N 88°58.9'W  
Platform [L10] 29°21.6'N 88°56.1'W  
Platform [L10] 29°20.6'N 88°04.0'W  
(3, 4/17 CG8)

**★1115A** Ed. 10/10 LAST NM 32/17 33/17  
Delete Submerged well (cov 19fms) 29°39.8'N 88°28.4'W  
(9/17 CG8)

**★1115A** Ed. 10/10 LAST NM 33/17 34/17  
Relocate Superbuoy ODAS "42040" from 29°12.5'N 88°13.5'W  
29°12.8'N 88°12.5'W to (13/17 CG8)

**★1115A** Ed. 10/10 LAST NM 34/17 35/17  
Delete Platform 29°56.4'N 88°22.6'W  
Add Superbuoy ODAS [Q58] "42012" Y, 30°03.8'N 87°33.1'W  
Fl(4) Y 20s (14, 15/17 CG8)

**★1115A** Ed. 10/10 LAST NM 35/17 36/17  
Delete Platform 29°23.7'N 88°38.8'W  
Platform 29°51.2'N 88°23.7'W  
(17/17 CG8)

**★1115A** Ed. 10/10 LAST NM 36/17 39/17  
Delete Racon from platform 28°52.0'N 89°15.6'W  
(26/17 CG8)

**★1115A** Ed. 10/10 LAST NM 39/17 40/17  
Delete Platform 29°47.2'N 88°21.0'W  
(20/17 CG8)

**★1115A** Ed. 10/10 LAST NM 40/17 49/17  
Delete Platform 29°32.9'N 88°38.2'W  
(43/17 CG8)

**★1115A** 44Ed. 10/10 LAST NM 49/17 16/18  
Delete Platform 29°36.7'N 88°24.1'W  
Add Submarine pipeline [L40.1] joining 28°14.1'N 88°59.7'W  
28°09.9'N 88°58.4'W  
28°02.4'N 88°47.7'W  
28°00.9'N 88°45.1'W  
28°03.3'N 88°49.2'W  
28°04.2'N 88°51.7'W  
28°09.9'N 88°58.4'W  
28°11.7'N 88°59.5'W  
28°14.1'N 88°59.7'W  
(NOS; 34/17 CG8)

**★1115A** 44Ed. 10/10 LAST NM 16/18 22/18  
Add "Obstn (17fms)" Fish Haven area [K46.2] 29°19.5'N 87°49.0'W  
bound by dashed line joining 29°19.5'N 87°48.5'W  
29°19.0'N 87°48.5'W  
29°19.0'N 87°49.0'W  
(NOS)

**★1115A** 44Ed. 10/10 LAST NM 22/18 23/18  
Delete Platform 29°38.8'N 88°30.7'W  
Platform 29°38.2'N 88°29.2'W  
Platform 29°13.1'N 88°35.0'W  
Platform 29°13.6'N 88°34.6'W  
Platform 29°34.6'N 88°28.4'W  
(49-51/17, 1/18 CG8)



★1115A	44Ed. 10/10	LAST NM 23/18	24/18		Obstruction "Obstn Fish Haven (auth min 6 1/2 fms)" with blue tint [K46.2]	30°19.3'N 86°17.9'W	
Add	Submarine pipeline [L40.1] joining	28°20.5'N 88°15.9'W 28°20.2'N 88°14.1'W 28°19.2'N 88°12.5'W 28°18.5'N 88°12.1'W		(NOS)	Obstruction "Obstn Fish Haven (auth min 5 fms)" with blue tint [K46.2]	30°21.4'N 86°19.4'W	
	Submarine pipeline [L40.1] joining	28°20.5'N 88°15.9'W 28°19.3'N 88°14.1'W 28°18.5'N 88°12.2'W		★1115A	44Ed. 10/10	LAST NM 38/18	40/18
	Submarine pipeline [L40.1] joining	28°45.3'N 88°16.0'W 28°51.3'N 88°14.7'W 28°55.6'N 88°13.9'W		Delete	Platform	29°32.6'N 88°33.6'W	Note: Position circle "Dome...fms)" remains
	Submarine pipeline [L40.1] joining	28°45.3'N 88°16.0'W 28°46.7'N 88°15.3'W 28°48.0'N 88°15.5'W 28°51.4'N 88°14.7'W 28°55.6'N 88°13.9'W		(26/18 CG8)			
	Submarine pipeline [L40.1] joining	28°52.0'N 88°03.4'W 28°51.6'N 88°02.6'W 28°51.4'N 88°02.7'W 28°51.6'N 88°03.6'W 28°52.0'N 88°03.4'W		★1115A	44Ed. 10/10	LAST NM 40/18	46/18
(NOS)				Add	Platform [L10] Platform [L10]	28°34.4'N 87°56.1'W 29°11.0'N 88°44.2'W	(17, 18/18 CG8)
★1115A	44Ed. 10/10	LAST NM 24/18	26/18				
Add	Submarine pipeline [L40.1] joining	28°16.1'N 88°23.9'W 28°17.5'N 88°24.0'W 28°18.1'N 88°22.3'W 28°18.1'N 88°21.2'W 28°17.6'N 88°14.7'W 28°17.5'N 88°13.2'W 28°17.4'N 88°08.9'W 28°17.4'N 88°07.4'W 28°17.2'N 88°06.6'W		(NOS)			
	Submarine pipeline [L40.1] joining	28°16.1'N 88°23.9'W 28°17.5'N 88°21.2'W 28°17.2'N 88°06.6'W		★1115A	44Ed. 10/10	LAST NM 2/19	8/19
(NOS)				Add	Submarine pipeline [L40.1] joining	28°31.1'N 88°12.1'W 28°31.6'N 88°15.2'W 28°31.3'N 88°17.3'W	
★1115A	44Ed. 10/10	LAST NM 26/18	29/18				
Delete	Buoy "FH-1"	30°03.5'N 88°37.0'W					
Add	Submarine pipeline [L40.1] joining	28°31.3'N 88°17.3'W 28°31.9'N 88°15.4'W 28°31.2'N 88°12.3'W		(NOS)			
	Submarine pipeline [L40.1] joining	28°35.9'N 88°26.1'W 28°36.4'N 88°26.3'W 28°37.4'N 88°26.0'W		★1115A	44Ed. 10/10	LAST NM 8/19	13/19
(NOS; 15/18 CG8)				Delete	Platform	29°21.8'N 88°21.1'W	(51/18 CG8)
★1115A	44Ed. 10/10	LAST NM 29/18	30/18				
Delete	Buoy	30°01.1'N 88°30.9'W		★1115A	44Ed. 10/10	LAST NM 13/19	33/19
Add	Submarine pipeline [L40.1] joining	29°53.0'N 88°28.1'W 29°50.2'N 88°25.4'W 29°43.2'N 88°23.0'W		Add	"Obstn Fish Haven (auth min 4 1/2 fms)" area with blue tint [K46.2] bound by dotted line (limiting danger line) joining	30°20.5'N 86°52.7'W 30°20.8'N 86°50.4'W 30°21.8'N 86°50.6'W 30°21.5'N 86°52.9'W	
	Submarine pipeline [L40.1] joining	29°25.1'N 88°38.9'W 29°22.0'N 88°39.1'W 29°17.6'N 88°40.8'W		(NOS)			and delete all hydrography within above area
	Submarine pipeline [L40.1] between	29°19.3'N 88°32.4'W 29°18.4'N 88°32.2'W		★1116A	80Ed. 7/17	NEW EDITION	29/17
	Submarine pipeline [L40.1] joining	28°58.4'N 88°37.6'W 28°58.8'N 88°38.0'W 28°57.3'N 88°41.4'W 28°57.7'N 88°41.7'W		(NOS)			
	Submarine pipeline [L40.1] joining	28°09.8'N 88°29.0'W 28°10.6'N 88°29.8'W 28°11.4'N 88°29.8'W		★1116A	80Ed. 7/17	LAST NM 29/17	39/17
(NOS; 16/18 CG8)				Delete	Racon from platform	28°52.2'N 89°15.8'W	(26/17 CG8)
★1115A	44Ed. 10/10	LAST NM 30/18	38/18				
Substitute	Obstruction "Obstn Fish Haven (auth min 6 1/2 fms)" with blue tint [K46.2] for depth 11 fathoms	30°21.9'N 86°42.4'W		★1116A	80Ed. 7/17	LAST NM 47/17	52/17
Add	Obstruction "Obstn Fish Haven (auth min 6 1/2 fms)" with blue tint [K46.2]	30°20.9'N 86°46.9'W		Delete	Platform Platform Platform Platform Platform	27°56.1'N 94°07.7'W 28°00.9'N 92°55.5'W 28°08.0'N 92°50.1'W 28°26.8'N 91°04.7'W 28°26.4'N 91°04.1'W	
	Obstruction "Obstn Fish Haven (auth min 5 fms)" with blue tint [K46.2]	30°21.9'N 86°23.4'W		Add	Buoy "A" Y, Fl Y 2.5s (Priv)	28°52.0'N 90°28.8'W	(39, 40/17 CG8)



★1116A	80Ed.	7/17	LAST NM 8/19	10/19	
Delete	Dangerous wreck (PA)			29°18.5'N 93°14.4'W	
	Platform			28°04.3'N 93°21.7'W	
	Platform			28°03.5'N 93°21.1'W	
	Buoy			28°18.2'N 91°28.5'W	
	Note: Submerged well (cov 31 fms) remains (See 18/18)				
Substitute	Depth 7 1/2 fathoms Wk [K26] for dangerous wreck "(8 1/4 fms rep)" (PA)			28°59.3'N 93°47.1'W	
Add	Buoy Y, Fl Y 2.5s (Priv)			27°54.5'N 93°35.9'W	
	Submarine pipeline [L40.1] between			28°44.8'N 93°32.0'W	
				28°44.4'N 93°35.0'W	
(NOS; 31, 35, 37/18 CG8)					
★1116A	80Ed.	7/17	LAST NM 10/19	11/19	
Delete	Platform			29°10.5'N 93°38.8'W	
	Platform			28°27.2'N 93°11.6'W	
	Dangerous wreck (PA)			28°41.0'N 93°38.0'W	
	Dangerous wreck (PA)			28°40.0'N 93°37.0'W	
Add	Depth 3 fathoms			29°10.0'N 92°08.8'W	
	Depth 8 fathoms Wk [K26]			29°06.3'N 93°46.4'W	
	Danger circle "Obstn" [K40]			29°10.2'N 93°50.6'W	
	Danger circle "Obstn" [K40]			29°08.6'N 93°45.6'W	
	Danger circle "Obstn" [K40]			29°06.5'N 93°44.3'W	
	Depth 4 1/4 fathoms Obstn [K41]			29°10.0'N 92°18.9'W	
	Depth 2 1/2 fathoms Obstn [K41]			29°22.7'N 92°14.7'W	
(NOS; 39, 40/18 CG8)					
★1116A	80Ed.	7/17	LAST NM 11/19	12/19	
Delete	Platform			28°08.0'N 94°26.3'W	
	Buoy			28°26.6'N 91°56.1'W	
	Platform			28°34.5'N 90°47.0'W	
Add	Buoy "FR-LA-73" Y, Fl Y 2.5s (Priv)			28°50.7'N 91°07.6'W	
	Buoy "FR-LA-74" Y, Fl Y 2.5s (Priv)			28°52.1'N 90°51.2'W	
(44, 45/18 CG8)					
★1116A	80Ed.	7/17	LAST NM 12/19	13/19	
Delete	Platform			28°12.5'N 92°57.0'W	
	Platform			28°13.1'N 92°55.5'W	
	Platform			28°18.5'N 91°26.6'W	
(48, 51/18 CG8)					
★1116A	80Ed.	7/17	LAST NM 13/19	16/19	
Add	Depth 4 1/4 fathoms Obstn [K41]			29°10.6'N 92°08.0'W	
	Depth 3 3/4 fathoms Obstn [K41]			29°13.9'N 92°04.1'W	
	Danger circle "Obstn" [K40] (PA)			29°18.1'N 91°41.4'W	
(NOS)					
★1116A	80Ed.	7/17	LAST NM 16/19	18/19	
Delete	Platform			29°11.5'N 93°19.4'W	
	Platform			29°12.2'N 93°19.3'W	
	Platform			28°23.1'N 90°48.6'W	
	Platform			28°35.0'N 90°34.3'W	
(6/19 CG8)					
★1116A	80Ed.	7/17	LAST NM 18/19	26/19	
Add	Depth 5 1/2 fathoms Obstn [K41]			29°32.3'N 93°55.0'W	
(NOS)					
★1116A	80Ed.	7/17	LAST NM 26/19	28/19	
Delete	Dangerous wreck (PA)			29°35.4'N 93°58.1'W	
Add	Depth 2 3/4 fathoms Obstn [K41]			29°35.4'N 93°58.2'W	
(NOS)					
★1116A	80Ed.	7/17	LAST NM 28/19	33/19	
Delete	Dangerous wreck "(2 1/2 fms rep)" (PA)			29°31.6'N 94°04.5'W	
Add	Depth 4 3/4 fathoms Obstn [K41]			29°32.2'N 94°04.5'W	
(NOS)					
★1117A	44Ed.	6/18	NEW EDITION	26/18	
(NOS)					
★1117A	44Ed.	6/18	LAST NM 26/18	46/18	
Relocate	Buoy "BS" from 26°03.9'N 97°06.6'W to			26°03.9'N 97°04.9'W	
Add	Danger circle "Obstn" [K40] (PA)			28°30.9'N 95°46.8'W	
(NOS; 29/18 CG8)					
★1117A	44Ed.	6/18	LAST NM 46/18	4/19	
Delete	Platform			29°13.5'N 94°34.7'W	
	Platform			27°58.6'N 94°08.7'W	
(42/18 CG8)					
★1117A	44Ed.	6/18	LAST NM 4/19	12/19	
Delete	Platform			27°51.5'N 94°52.9'W	
Note: Fish haven and wreck remains					
	Platform and legend "Platform"			28°08.0'N 94°26.3'W	
Relocate	Superbuoy ODAS "42019" from			27°54.4'N 95°21.0'W	
	27°54.9'N 95°21.2'W to				
(43, 45/18 CG8)					
★1117A	44Ed.	6/18	LAST NM 12/19	13/19	
Delete	Platform and legend "Platform"			27°36.5'N 96°15.3'W	
(51/18 CG8)					
★1117A	44Ed.	6/18	LAST NM 13/19	33/19	
Delete	Dangerous wreck "(2 1/2 fms rep)" (PA)			29°31.7'N 94°04.6'W	
Add	Depth 4 3/4 fathoms Obstn [K41]			29°32.2'N 94°04.5'W	
	Depth 8 1/2 fathoms Wk [K26]			27°53.9'N 96°49.2'W	
	Depth 9 fathoms Wk [K26]			27°56.9'N 96°47.4'W	
(NOS)					
★4148 (INT 4148)	3Ed.	10/18	NEW EDITION	44/18	
(NOS)					
★4148 (INT 4148)	3Ed.	10/18	LAST NM 44/18	3/19	
Delete	Buoy "I"			24°43.6'N 82°52.0'W	
	Buoy "P"			24°36.1'N 82°50.1'W	
Substitute	Depth 11.8 meters for 12.3 meters			24°39.6'N 83°04.6'W	
(NOS; 45/18 CG7)					
★4148 (INT 4148)	3Ed.	10/18	LAST NM 3/19	9/19	
Add	Chartlet, depicting changes in hydrography, from Subsection I-2			24°37.7'N 82°15.0'W	
(NOS)					
★4148 (INT 4148)	3Ed.	10/18	LAST NM 9/19	26/19	
Delete	Depth 13.7 meters			27°31.0'N 82°56.9'W	
Substitute	Depth 12.3 meters Obstn [K41] for depth 13.7 meters			27°31.0'N 82°54.7'W	
Add	Depth 6.8 meters Obstn [K41]			27°31.2'N 82°47.6'W	
	Depth 10.8 meters Obstn [K41]			27°31.3'N 82°53.4'W	
	Depth 13.7 meters Obstn [K41]			27°30.6'N 82°56.3'W	
(NOS)					
★4148 (INT 4148)	3Ed.	10/18	LAST NM 26/19	32/19	
Add	Depth 113 meters			24°21.1'N 82°01.6'W	
	Buoy "A CDIP STA 244" Y, spherical, Fl(5) Y			27°31.3'N 82°53.4'W	
	20s (Priv) [Q130.6]			24°24.4'N 81°58.0'W	
	Depth 4.2 meters enclosed by depth contour (5-meter) centered			24°38.7'N 82°18.1'W	
(See 9/19)					
(NOS; 12/19 CG7)					
★4149 (INT 4149)	1Ed.	1/17	NEW CHART	12/17	
(NOS)					
★4149 (INT 4149)	1Ed.	1/17	LAST NM 12/17	3/18	
Change	Range of light "10" to 5M			25°00.7'N 80°22.6'W	
(46/17 CG7)					
★4149 (INT 4149)	1Ed.	1/17	LAST NM 3/18	7/18	
Delete	Buoy "10A"			27°26.6'N 80°13.3'W	
(15/17 CG7)					

**4149** (INT 4149) 1Ed. 1/17 LAST NM 7/18 28/18  
Change Lines 3 and 4 of Note B in right upper margin  
of chart to  
“Freeport Harbor should keep well clear of the  
Buckeye Bahamas Hub and should not pass  
between the oil jetties and the”  
(23(2526)18 Taunton)

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**★5161** 14Ed. 3/16 NEW EDITION 20/16  
(NOS)

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★E0315	1Ed. 1/27/79	NEW CHART	N13/79		
	(DMAHTC)				
★E0415	2Ed. 4/27/85	NEW EDITION	N39/85		
	Add	Legend to lights			
		"Oc WRG 15-11M"	69°14.1'N 53°32.1'E		
		"Fl(2) 9M"	68°37.3'N 53°30.6'E		
	(DMAHTC)				
E0415	2Ed. 4/27/85	LAST NM N39/85	N49/85		
	Delete	R Bn (AERO)	69°13'N 51°06'W		
	(BA RA)				
E0415	2Ed. 4/27/85	LAST NM N49/85	N26/90		
	Delete	Light legends			
		"Oc WRG 15-11M"	69°14.1'N 53°32.1'W		
		"Fl(2) 9M"	68°37.7'N 53°30.6'W		
		Note: Light symbols remain			
	(DMAHTC)				
★E0416	1Ed. 6/12/82	NEW CHART	N32/82		
	(DMAHTC)				
E0416	1Ed. 6/12/82	LAST NM N32/82	N38/84		
	Add	Depth 87 fathoms "Rep (1981)"	72°32.5'N 59°09.0'W		
		(NVS7295/84)			
★E0513	1Ed. 8/14/82	NEW CHART	N37/82		
	(DMAHTC)				
E0513	1Ed. 8/14/82	LAST NM N37/82	N14/85		
	Relocate	R Bn (AERO) close SW to	60°41'09"N 46°36'31"W		
		(49(1821)84 Kobenhavn)			
★E0513	1Ed. 8/14/82	LAST NM N14/85	N37/85		
	Add	Depths			
		84 fathoms (PA)	59°58.0'N 46°31.0'W		
		79 fathoms (PA)	59°50.2'N 46°16.7'W		
	(HNNM7551/85)				
E0513	1Ed. 8/14/82	LAST NM N37/85	N10/95		
	Delete	R Bn	59°59'N 45°11'W		
		(2(156)95 Kobenhavn)			
★E0514	1Ed. 7/17/82	NEW CHART	N37/82		
	(DMAHTC)				
E0514	1Ed. 7/17/82	LAST NM N37/82	N28/89		
	Add	Depths			
		109 fathoms	62°35.4'N 41°31.2'W		
		80 fathoms	62°43.0'N 41°26.0'W		
		111 fathoms	63°17.6'N 40°40.0'W		
		121 fathoms	63°27.9'N 40°21.8'W		
		136 fathoms	63°35.2'N 40°13.3'W		
	(20(708)89 Kobenhavn)				
★E0515	2Ed. 3/9/85	NEW EDITION	N21/85		
	(DMAHTC)				
★E0517	1Ed. 9/1/79	NEW CHART	N44/79		
	(DMAHTC)				
E0517	1Ed. 9/1/79	LAST NM N44/79	N48/83		
	Add	Depths			
		63 fathoms "Rep (1982)" (PA)	75°21.3'N 60°09.7'W		
		70 fathoms "Rep (1982)" (PA)	75°54.0'N 62°04.0'W		
		175 fathoms "Rep (1982)" (PA)	75°27.0'N 67°54.0'W		
		175 fathoms "Rep (1982)" (PA)	74°46.0'N 59°19.0'W		
	(NVS7095/83)				
E0517	1Ed. 9/1/79	LAST NM N48/83	N36/85		
	Delete	R Bn (AERO)	76°32'N 68°46'W		
		(28(1866)85 Taunton)			
★E0517	1Ed. 9/1/79	LAST NM N36/85	N37/85		
	Add	Depths			
		159 fathoms (PA)	75°04.6'N 66°10.7'W		
		76 fathoms (PA)	75°32.1'N 65°39.9'W		
	(HNNM7551/85)				
★E0518	1Ed. 1/19/85	NEW CHART	N17/85		
	(DMAHTC)				
★E0614	2Ed. 10/12/85	NEW EDITION	N52/85		
	(DMAHTC)				
★E0704	1Ed. 2/13/82	NEW CHART	N16/82		
	Delete	Depths			
		82 fathoms	18°11.7'N 63°55.3'W		
		5 fathoms "Rep (1964)"	18°15.0'N 67°34.5'W		
		10 fathoms "Rep (1975) (PA)"	18°24.5'N 67°40.0'W		
		125 fathoms "Rep (1973)"	18°15.0'N 67°40.0'W		
		192 fathoms "Rep (1973)"	18°08.8'N 67°41.0'W		
		171 fathoms "Rep (1973)"	18°19.0'N 67°43.5'W		
		123 fathoms "Rep (1969)"	18°23.0'N 67°45.7'W		
		15 fathoms "Rep (1971)"	18°20.0'N 67°48.0'W		
		40 fathoms "Rep (1957)"	18°51.5'N 68°24.3'W		
		80 fathoms "Rep (1950)"	18°53.5'N 68°26.4'W		
	Add	Depths			
		13 fathoms	17°04.0'N 62°23.0'W		
		22 fathoms	17°42.7'N 63°29.2'W		
		150 fathoms	18°21.9'N 63°43.6'W		
	(DMAHTC; NVS6624/82)				
E0704	1Ed. 2/13/82	LAST NM N16/82	N36/83		
	Delete	Depths			
		55 fathoms	18°36.0'N 67°11.3'W		
		45 fathoms	18°35.7'N 67°09.1'W		
		90 fathoms	17°55.0'N 67°28.0'W		
	Substitute	Depth 11 fathoms for 13 fathoms	18°13.5'N 67°25.2'W		
		(NVS7006/83)			
E0704	1Ed. 2/13/82	LAST NM N36/83	N49/83		
	Add	Light Gp Fl 17M	17°29.0'N 62°59.2'W		
		(37(2125)83 's-Gravenhage)			
E0704	1Ed. 2/13/82	LAST NM N49/83	N18/86		
	Delete	Depth 9 fathoms	17°23.0'N 63°45.5'W		
	Add	Depth 9 fathoms	17°23.1'N 63°43.5'W		
		Depth 2 fathoms 1 foot enclosed by			
		danger circle (ED)	17°35.0'N 63°35.0'W		
		(NVS6056/80; MCNM7747/86)			
E0704	1Ed. 2/13/82	LAST NM N18/86	N44/86		
	Delete	R Bn (AERO)	18°20.0'N 64°58.4'W		
		(FLIP)			
E0704	1Ed. 2/13/82	LAST NM N44/86	N48/86		
	Add	Depths			
		8 fathoms 2 feet	17°25.5'N 63°15.0'W		
		9 fathoms 3 feet	17°21.7'N 63°19.5'W		
		8 fathoms 1 foot	17°20.5'N 63°18.1'W		
		(7(120, 121)86 's-Gravenhage)			
E0704	1Ed. 2/13/82	LAST NM N48/86	N10/87		
	Delete	R Bn	18°28.0'N 66°07.0'W		
	Change	Light to Fl(3) 40s 181ft 24M	18°28.1'N 66°07.1'W		
		(37/85 CG7; USCG LL)			
E0704	1Ed. 2/13/82	LAST NM N10/87	N42/87		
	Add	Legends			
		"Rep (1957)" (PA) to			
		depth 4 fathoms 3 feet	17°28.7'N 63°15.3'W		
		"Rep (1957)" to			
		depth 8 fathoms	17°28.5'N 63°19.8'W		
		"Rep (1954)" to			
		depth 4 fathoms	17°31.5'N 63°21.0'W		
		(MCNM7979/87)			
E0704	1Ed. 2/13/82	LAST NM N42/87	N9/88		
	Add	Buoy (mooring) IQ	17°52.1'N 64°43.1'W		
		(MCNM8060/88)			

**E0704** 1Ed. 2/13/82 LAST NM N9/88 N11/89  
 Add Depth 14 fathoms "Rep (1987)" 20°14.9'N 6°14.4'W  
 (MCNM1030/89)

**E0704** 1Ed. 2/13/82 LAST NM N11/89 N16/89  
 Add Depth 14 fathoms "Rep (1987)" 20°14.9'N 69°14.4'W  
 (Cancels N11/89-E0704)  
 (MCNM1030/89)

**E0704** 1Ed. 2/13/82 LAST NM N16/89 N51/90  
 Delete Depths  
 32 fathoms "Rep (1950)" 18°52.6'N 68°13.6'W  
 12 fathoms (ED) 18°42.5'N 68°07.0'W  
 79 fathoms 18°24.4'N 68°14.0'W  
 (MCNM1058/90)

**E0704** 1Ed. 2/13/82 LAST NM N51/90 N34/91  
 Add Depth 83 fathoms "Rep (1991)" 18°21.5'N 67°43.0'W  
 (25(1829)91 Taunton)

**E0704** 1Ed. 2/13/82 LAST NM N34/91 N10/93  
 Delete R Bn at light 17°59.9'N 65°53.9'W  
 Relocate Buoy (mooring) close NE to 17°52.4'N 64°42.8'W  
 Change Lights to  
 Fl 20s 121ft 20M 17°56.6'N 67°11.9'W  
 Fl 5s 120ft 14M 18°28.2'N 66°43.5'W  
 Fl 10s 305ft 13M 18°19.3'N 65°14.0'W  
 Visibility (range) of lights to  
 26M 18°22.8'N 65°37.0'W  
 16M 17°46.0'N 64°52.8'W  
 12M 17°53.7'N 66°31.4'W  
 (MCC1223/93)

**E0704** 1Ed. 2/13/82 LAST NM N10/93 N11/93  
 Delete Depths  
 851 fathoms 17°37.8'N 65°17.9'W  
 15 fathoms "Rep (1957)" 17°36.6'N 64°53.0'W  
 43 fathoms "Rep (1974)" 17°37.0'N 65°10.9'W  
 Add Depths  
 782 fathoms 17°38.8'N 65°17.2'W  
 347 fathoms 17°33.2'N 64°51.2'W  
 (MCC1235/93)

**E0704** 1Ed. 2/13/82 LAST NM N11/93 N36/95  
 Add Dashed-line circle 17°44'N 64°55'W  
 "Subm buoy (cov 2 1/2 fms)"  
 (MCC003/95)

**E0704** 1Ed. 2/13/82 LAST NM N36/95 N34/96  
 Add Submarine cable between 18°27'N 66°04'W  
 18°36'N 66°05'W  
 (SMEA013/96)

**E0704** 1Ed. 2/13/82 LAST NM N34/96 N45/96  
 Add Wreck (PA) 18°30.0'N 65°48.0'W  
 (37/96 CG7)

**E0704** 1Ed. 2/13/82 LAST NM N45/96 N9/97  
 Add "North Range Ordnance Jettison Area"  
 bound by purple dashed line joining 18°50'N 65°50'W  
 19°00'N 65°50'W  
 19°00'N 65°40'W  
 18°50'N 65°40'W  
 "South Range Ordnance Jettison Area"  
 bound by purple dashed line joining 17°40'N 65°50'W  
 17°50'N 65°50'W  
 17°50'N 65°40'W  
 17°40'N 65°40'W  
 (GIMM009/97)

**E0704** 1Ed. 2/13/82 LAST NM N9/97 N2/98  
 Delete Depth 13 fathoms 17°04'N 62°23'W  
 (48(4301)97 Taunton)

**E0709** 1Ed. 12/29/84 NEW CHART N21/85  
 (DMAHTC)

**E0709** 1Ed. 12/29/84 LAST NM N21/85 N22/91  
 Delete R Bns 46°16.0'N 60°07.4'W  
 45°33.5'N 60°56.0'W  
 45°06.0'N 61°32.5'W  
 46°39.9'N 64°42.3'W  
 (1(47), 31(666, 670, 671)89 Ottawa)

**E0709** 1Ed. 12/29/84 LAST NM N22/91 N12/94  
 Delete R Bn 47°14'N 60°08'W  
 (2(66)94 Ottawa)

**E0709** 1Ed. 12/29/84 LAST NM N12/94 N25/95  
 Delete R Bn at light 48°51.5'N 64°12.0'W  
 (MCC039/95)

**E0709** 1Ed. 12/29/84 LAST NM N25/95 N7/96  
 Delete R Bn 46°27'N 61°58'W  
 (24(701)95 Ottawa)

**E0709** 1Ed. 12/29/84 LAST NM N7/96 N42/96  
 Delete R Bn 45°19.5'N 60°55.9'W  
 (8(426)96 Ottawa)

**E0709** 1Ed. 12/29/84 LAST NM N42/96 N5/97  
 Delete R Bn 48°01'N 64°30'W  
 R Bn at light 47°51'N 61°09'W  
 (GIMM001/97)

**E0710** 1Ed. 2/9/85 NEW CHART N21/85  
 Change Caution No 2 in right upper margin  
 of chart to "The prudent mariner will  
 not rely solely on any single aid to  
 navigation particularly on floating  
 aids. See paragraph No. 1 of Notice to  
 Mariners No. 1 or Sailing Direction  
 Planning Guides for information  
 relative to DMAHTC Charts."  
 (DMAHTC)

**E0710** 1Ed. 2/9/85 LAST NM N21/85 N22/91  
 Delete R Bn at lights 50°06.1'N 61°44.7'W  
 50°13.3'N 64°12.5'W  
 50°05.4'N 66°22.9'W  
 (23(444), 45(866, 867)88 Ottawa)

**E0710** 1Ed. 2/9/85 LAST NM N22/91 N28/91  
 Add Superbuoy ODAS "45138" Y, Fl(5) Y 20s 49°32.0'N 65°43.0'W  
 (MCNM1098/91)

**E0710** 1Ed. 2/9/85 LAST NM N28/91 N42/94  
 Relocate Superbuoy ODAS "45138" close NW to 49°33.6'N 65°45.6'W  
 Add Danger circle "Obstn" 49°33.6'N 65°47.5'W  
 (13(456)94 Ottawa)

**E0710** 1Ed. 2/9/85 LAST NM N42/94 N25/95  
 Delete R Bn at light 50°10.2'N 60°03.7'W  
 (MCC039/95)

**E0710** 1Ed. 2/9/85 LAST NM N25/95 N43/95  
 Delete Danger circle "Obstn" 49°33.6'N 65°47.5'W  
 (18(502)95 Ottawa)

**E0710** 1Ed. 2/9/85 LAST NM N43/95 N13/96  
 Delete R Bn at light 49°19'N 67°23'W  
 (2(137)96 Ottawa)

**E0710** 1Ed. 2/9/85 LAST NM N13/96 N36/96  
 Delete R Bn at light 49°05'N 61°43'W  
 (7(373)96 Ottawa)

**E0710** 1Ed. 2/9/85 LAST NM N36/96 N22/97  
 Delete Light 49°19'N 67°23'W

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<b>E0710</b> (Continued)			22/97	
Add	Legend "(AERO)" to R Bn (4(232, 280)97 Ottawa)	49°51'N 64°24'W		
<b>★E0712</b>	1Ed. 2/12/83 NEW CHART (DMAHTC)		N16/83	
<b>★E0713</b>	2Ed. 8/10/85 NEW EDITION (DMAHTC)		N48/85	
<b>E0713</b>	2Ed. 8/10/85 LAST NM N48/85 Delete R Bn at light (22(533)86 Ottawa)	61°18.7'N 64°52.5'W	N22/91	
<b>E0713</b>	2Ed. 8/10/85 LAST NM N22/91 Delete Ra Ref from light (Can LL)	61°04.5'N 69°33.0'W	N24/98	
<b>★E0714</b>	2Ed. 8/3/85 NEW EDITION (DMAHTC)		N48/85	
<b>★E0803</b>	1Ed. 2/26/83 NEW CHART (DMAHTC)		N18/83	
<b>E0803</b>	1Ed. 2/26/83 LAST NM N18/83 Add Depth 223 fathoms "Rep (1983)" (NVS6958/83)	16°50.3'N 79°16.6'W	N26/83	
<b>E0803</b>	1Ed. 2/26/83 LAST NM N26/83 Delete Depths 53 fathoms "Rep (1973)" 76 fathoms "Rep (1980)"	16°03'N 79°11'W 16°20'N 78°45'W	N44/83	
	Add Legend "(ED)" to depth 223 fathoms "Rep (1983)" (See N26/83-E0803)	16°50.3'N 79°16.6'W		
	Legend "(PA)" to depths 291 fathoms "Rep (1982)" 311 fathoms "Rep (1982)" (NVS7072/83)	15°57'N 78°23'W 15°54'N 78°24'W		
<b>E0803</b>	1Ed. 2/26/83 LAST NM N44/83 Add Depth 233 fathoms (45(2902)83 Taunton)	15°45.9'N 22°10.9'W	N53/83	
<b>E0803</b>	1Ed. 2/26/83 LAST NM N53/83 Delete Depth 233 fathoms (Cancels N53/83-E0803) (DMAHTC)	15°45.9'N 22°10.9'W	N2/84	
<b>E0803</b>	1Ed. 2/26/83 LAST NM N2/84 Add Depth 89 fathoms "Rep (1983)" (PA) (NVS7214/84)	13°47.0'N 79°04.4'W	N13/84	
<b>E0803</b>	1Ed. 2/26/83 LAST NM N13/84 Add Depths 287 fathoms "Rep (1983)" (PA) 275 fathoms "Rep (1983)" (PA) 202 fathoms "Rep (1983)" (PA) 244 fathoms "Rep (1983)" (PA) 212 fathoms "Rep (1983)" (PA) 142 fathoms "Rep (1983)" (PA) 150 fathoms "Rep (1983)" (PA) (NVS7214/84)	14°10.4'N 78°27.1'W 14°11.8'N 78°04.0'W 14°43.4'N 77°48.3'W 14°55.6'N 77°45.4'W 12°26.8'N 79°34.2'W 12°24.1'N 79°39.0'W 12°15.0'N 79°47.7'W	N15/84	
<b>E0803</b>	1Ed. 2/26/83 LAST NM N15/84 Add Stranded wreck (20(2035)84 Hamburg)	11°04.8'N 74°54.7'W	N28/84	
<b>E0803</b>	1Ed. 2/26/83 LAST NM N28/84 Add Legend "(PA)" to stranded wreck (See 28/84-E0803) (20(2035)84 Hamburg)	11°04.8'N 74°54.7'W	N37/84	
<b>E0803</b>	1Ed. 2/26/83 LAST NM N37/84 Add Depths 283 fathoms (PA) 282 fathoms (PA) (MCNM7827/86)	15°53.0'N 78°25.0'W 15°57.5'N 78°25.0'W	N43/86	
<b>E0803</b>	1Ed. 2/26/83 LAST NM N43/86 Substitute Dangerous wreck for stranded wreck and change light to Fl 10M	10°22.9'N 75°38.8'W	N12/91	
	Change Visibility (range) of lights to 22M 13M	10°57.8'N 75°00.7'W 10°48.0'N 75°15.6'W		
	Characteristic of light to Fl(3)	11°15.1'N 74°14.5'W		
	Lights to Fl 24M Fl(2) 23M Fl(3) 15M (14/89, 12/90 Bogota; 48(3611)88 Taunton; Col LL)	10°34.3'N 75°30.2'W 10°19.5'N 75°35.2'W 10°13.8'N 75°44.2'W		
<b>E0803</b>	1Ed. 2/26/83 LAST NM N12/91 Add Superbuoy ODAS "41018" Y, Fl(4) Y 20s (35/94 CG7)	15°00'N 75°00'W	N46/94	
<b>E0803</b>	1Ed. 2/26/83 LAST NM N46/94 Change Light to Fl 15M (15/94 Bogota)	10°22.8'N 75°39.5'W	N5/95	
<b>E0803</b>	1Ed. 2/26/83 LAST NM N5/95 Add Depth 41 fathoms "Rep" (Col CH 002)	12°31.1'N 72°16.1'W	N10/96	
<b>E0803</b>	1Ed. 2/26/83 LAST NM N10/96 Delete Superbuoy ODAS "41018" (8/96 CG7)	15°00'N 75°00'W	N13/96	
<b>E0803</b>	1Ed. 2/26/83 LAST NM N13/96 Delete R Bn at light (GIMM049/96)	10°19.5'N 75°35.0'W	N51/96	
<b>E0803</b>	1Ed. 2/26/83 LAST NM N51/96 Change Visibility (range) of light to 25M (1/97 Bogota)	15°47.7'N 79°50.7'W	N15/97	
<b>E0803</b>	1Ed. 2/26/83 LAST NM N15/97 Add "EXPLOSIVES DUMPING GROUND" area bound by purple composite line joining  (GIMM001/97)	10°35'N 75°41'W 10°35'N 75°44'W 10°37'N 75°44'W 10°37'N 75°41'W	N31/97	
<b>E0803</b>	1Ed. 2/26/83 LAST NM N31/97 Add Depth 10 fathoms (14(1279)97 Taunton)	16°46'N 78°26'W	N42/97	
<b>★E0804</b>	1Ed. 9/18/82 NEW CHART Delete Depths 9 fathoms 13 fathoms 4 fathoms 4 feet 33 fathoms "Rep (1967)"	18°00.5'N 78°04.1'W 17°57.1'N 78°06.1'W 17°50.0'N 77°59.0'W 18°20.8'N 74°58.6'W	N48/82	

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E0804 (Continued)		48/82	
Add	Depth		
	4 fathoms 3 feet	21°05.8'N	71°18.6'W
	314 fathoms	19°47.5'N	79°13.5'W
	227 fathoms	18°16.5'N	76°02.8'W
	12 fathoms	18°00.0'N	78°04.5'W
	17 fathoms	17°57.2'N	78°06.0'W
	13 fathoms	17°50.0'N	77°58.0'W
	29 fathoms	17°33.4'N	78°15.4'W
	24 fathoms	17°32.0'N	78°13.0'W
	15 fathoms	17°31.6'N	78°17.3'W
	11 fathoms	17°31.2'N	77°15.0'W
	23 fathoms	17°29.3'N	78°22.7'W
	6 fathoms "Rep"	18°23.5'N	74°33.0'W
	278 fathoms "Rep (1978)"	18°16.0'N	74°55.0'W
	11 fathoms "Rep (1978)"	17°32.1'N	77°03.6'W
	13 fathoms "Rep (1981)"	17°12.2'N	77°22.3'W
	Legend "ED" to depth 4 fathoms 4 feet (DMAHTC; NVS6803/82)	18°17.0'N	74°51.0'W
<b>E0804</b>	1Ed. 9/18/82 LAST NM N48/82		N50/82
Delete	Depths		
	8 fathoms	18°25.0'N	74°53.2'W
	18 fathoms	18°25.0'N	74°47.0'W
	4 fathoms 4 feet (ED)	18°17.0'N	74°51.0'W
	8 fathoms	18°19.5'N	74°57.0'W
	278 fathoms "Rep 1978" (See 48/82-E0804)	18°16.0'N	74°55.0'W
	(NVS6781, 6813/82)		
<b>E0804</b>	1Ed. 9/18/82 LAST NM N50/82		N8/83
Substitute	Depth 112 fathoms "Rep (1978)" for 14 fathoms "Rep (1978)"	22°06.8'N	74°23.9'W
	(2(159)83 Taunton)		
<b>E0804</b>	1Ed. 9/18/82 LAST NM N8/83		N15/83
Add	Depth 236 fathoms	18°20.0'N	74°51.5'W
	(9(625)83 Taunton)		
<b>E0804</b>	1Ed. 9/18/82 LAST NM N15/83		N26/83
Add	Depth 144 fathoms "Rep (1983)"	17°01.0'N	79°31.5'W
	(NVS6958/83)		
<b>E0804</b>	1Ed. 9/18/82 LAST NM N26/83		N34/83
Delete	Depth 11 fathoms	22°16.5'N	75°11.0'W
Add	Depth 9 3/4 fathoms	22°15.9'N	75°11.3'W
	(NVS6996/83)		
<b>E0804</b>	1Ed. 9/18/82 LAST NM N34/83		N44/83
Delete	Depth 9 fathoms "Rep (1971)"	17°11'N	79°21'W
Add	Depth 320 fathoms	20°32.3'N	70°26.5'W
	Legend "(ED)" to depth 144 fathoms "Rep (1983)" (See N26/83-E0804)	17°01.0'N	79°31.5'W
	(NVS7066, 7072/83)		
<b>E0804</b>	1Ed. 9/18/82 LAST NM N44/83		N50/83
Add	Depth 299 fathoms	22°06.0'N	73°06.8'W
	(41(2619)83 Taunton)		
<b>E0804</b>	1Ed. 9/18/82 LAST NM N50/83		N8/84
Add	Depths		
	2 fathoms 2 feet	18°37.1'N	73°10.9'W
	6 fathoms	22°16.5'N	75°11.7'W
	(NVS7189, 7190/84)		
<b>E0804</b>	1Ed. 9/18/82 LAST NM N8/84		N15/84
Add	Depth 198 fathoms "Rep (1983)" (PA)	17°36.0'N	79°53.7'W
	(NVS7214/84)		
<b>E0804</b>	1Ed. 9/18/82 LAST NM N15/84		N23/84
Add	Legend "CAUTION NO 3"	18°02'00"N	78°05'00"W

		Caution No. 3 to cautions note in lower right margin of chart "3. Depths less than 10 fathoms are reported in the vicinity of New Bank (1984)." (NVS7258/84)	
<b>E0804</b>	1Ed. 9/18/82 LAST NM N23/84		N42/84
Delete	Depths		
	15 fathoms	18°20'N	74°32'W
	15 fathoms "Rep (1973)" (PA)	17°26'N	75°20'W
	(NVS7330/84)		
<b>E0804</b>	1Ed. 9/18/82 LAST NM N42/84		N33/85
Delete	Depth 31 fathoms	22°29.1'N	73°11.3'W
	(HNNM7520/85)		
<b>E0804</b>	1Ed. 9/18/82 LAST NM N33/85		N44/85
Add	Depths		
	11 fathoms 1 foot	22°52.6'N	74°49.2'W
	272 fathoms	18°57.7'N	73°29.4'W
	285 fathoms	19°01.0'N	73°33.7'W
	258 fathoms	19°05.7'N	73°38.0'W
	(HNNM7597-98/85)		
<b>E0804</b>	1Ed. 9/18/82 LAST NM N44/85		N32/87
Add	Depth 28 fathoms (ED)	18°22.0'N	74°46.1'W
	(MCNM7927/87)		
<b>E0804</b>	1Ed. 9/18/82 LAST NM N32/87		N9/88
Delete	Depth 70 fathoms	17°33.0'N	71°38.4'W
Add	Rock awash "Rep (1988)" (PA)	22°00.0'N	76°08.7'W
	(MCNM8057, 8059/88)		
<b>E0804</b>	1Ed. 9/18/82 LAST NM N9/88		N32/88
Substitute	Depth 207 fathoms for 234 fathoms	20°50.5'N	74°01.3'W
	(MCNM8123/88)		
<b>E0804</b>	1Ed. 9/18/82 LAST NM N32/88		N41/88
Delete	Depths		
	25 fathoms "Rep (1978)"	22°06.8'N	74°24.0'W
	112 fathoms "Rep (1978)"	22°06.8'N	74°23.9'W
	250 fathoms "(PA)", blue tint and dashed-line circle	22°08.0'N	74°24.5'W
Add	Depth 273 fathoms	22°06.5'N	74°23.5'W
	(MCNM8147/88)		
<b>E0804</b>	1Ed. 9/18/82 LAST NM N41/88		N43/88
Delete	Depths		
	35 fathoms "Rep (1973)"	17°19.2'N	75°19.6'W
	10 fathoms	17°14.2'N	75°24.5'W
	14 fathoms	17°09.9'N	75°20.1'W
	15 fathoms	17°07.2'N	75°26.3'W
Add	Depths		
	13 fathoms 2 feet	17°12.9'N	75°25.0'W
	14 fathoms 4 feet	17°14.1'N	75°24.9'W
	27 fathoms	17°11.0'N	75°25.1'W
	31 fathoms	17°15.3'N	75°24.5'W
	(MCNM8078/88)		
<b>E0804</b>	1Ed. 9/18/82 LAST NM N43/88		N50/88
Delete	Depth 60 fathoms	17°24'N	71°43'W
	(MCNM8169/88)		
<b>E0804</b>	1Ed. 9/18/82 LAST NM N50/88		N28/89
Delete	Depth 14 fathoms "Rep (1943)"	17°27.6'N	76°16.0'W
Add	Depth 14 fathoms "Rep (1985)" (PA)	17°27.0'N	76°20.0'W
	(NVS7456/85)		
<b>E0804</b>	1Ed. 9/18/82 LAST NM N28/89		N38/89
Add	Depth 8 fathoms 5 feet	21°49.6'N	76°18.8'W
	(MCNM1102/89)		
<b>E0804</b>	1Ed. 9/18/82 LAST NM N38/89		N23/90
Add	Depth 170 fathoms	17°51.0'N	75°06.6'W
	(25(58)89 Brest)		



<b>E0804</b>	1Ed. 9/18/82	LAST NM N23/90		N31/95
Add	Buoy RW, pillar, Mo(K) 10s Racon (14(1219)95 Taunton)		17°55'N 76°45'W	
<b>E0804</b>	1Ed. 9/18/82	LAST NM N31/95		N33/95
Add	Depth 16 fathoms "Rep (1993)" (PA) (33(533)93 Hamburg)		17°47'N 75°52'W	
<b>E0804</b>	1Ed. 9/18/82	LAST NM N33/95		N42/97
Substitute	Depth 10 fathoms for 19 fathoms "Rep (1972)" (PA) (16(1426)97 Taunton)		17°44'N 75°35'W	
<b>★E0818</b>	1Ed. 2/16/85	NEW CHART (DMAHTC)		N21/85
<b>★E0903</b>	1Ed. 8/8/81	NEW CHART		N40/81
Change	Lights to			
	Fl(2) 12M		14°29.0'N 81°09.0'W	
	Fl(2) 12M		14°16.5'N 80°24.0'W	
	Fl(2) 16M		13°18.7'N 81°23.3'W	
	Fl(2) 17M		10°00.0'N 83°01.0'W	
	Fl(2) 11M		13°35.0'N 80°05.5'W	
	(DMAHTC; US LL)			
<b>E0903</b>	1Ed. 8/8/81	LAST NM N40/81		N1/82
Add	Depth 88 fathoms "Rep (1981)" (34(2002)81 Taunton)		16°50.5'N 80°56.0'W	
<b>E0903</b>	1Ed. 8/8/81	LAST NM N1/82		N34/82
Change	Lights to			
	Fl 13M		13°35.0'N 80°05.5'W	
	Fl 14M		14°16.5'N 80°24.0'W	
	Fl 13M		14°29.0'N 81°09.0'W	
	(9/82 Bogota)			
<b>E0903</b>	1Ed. 8/8/81	LAST NM N34/82		N39/82
Add	Depth 39 fathoms "Rep (1982)" (16(975)82 Taunton)		15°55.0'N 87°59.7'W	
<b>E0903</b>	1Ed. 8/8/81	LAST NM N39/82		N45/82
Change	Light to Fl 20M and delete R Bn and legend "Extng (1976)" (NVS6787/82)		15°50.0'N 87°57.8'W	
<b>E0903</b>	1Ed. 8/8/81	LAST NM N45/82		N22/83
Add	Depth 10 fathoms 5 feet "Rep (1983)" (NVS6930/83)		10°05.6'N 87°09.5'W	
<b>E0903</b>	1Ed. 8/8/81	LAST NM N22/83		N36/83
Add	Depth 36 fathoms and relocate depth contour (100-fathom) close E to include above depth (NVS7010/83)		16°04.5'N 81°11.5'W	
<b>E0903</b>	1Ed. 8/8/81	LAST NM N36/83		N45/83
Delete	Stranded wrecks		14°09.0'N 81°09.5'W	
			14°14.0'N 81°08.5'W	
			14°16.5'N 81°08.0'W	
			14°20.0'N 81°06.0'W	
			14°20.5'N 81°09.5'W	
Add	Stranded wreck (BA CH 1218; US LL)		14°20.0'N 81°08.0'W	
<b>E0903</b>	1Ed. 8/8/81	LAST NM N45/83		N52/83
Add	Depths			
	75 fathoms "Rep (1983)"		12°32.5'N 88°14.9'W	
	37 fathoms "Rep (1983)"		12°24.7'N 88°17.2'W	
	65 fathoms "Rep (1983)"		12°29.1'N 88°25.3'W	
	255 fathoms "Rep (1983)"		12°20.0'N 88°20.4'W	
	(NVS0011/83)			
<b>E0903</b>	1Ed. 8/8/81	LAST NM N52/83		N3/84
Add	Depths			
	158 fathoms "Rep (1983)" (PA)		16°58.5'N 80°42.2'W	
	133 fathoms "Rep (1983)" (PA)		16°58.5'N 80°36.0'W	
	218 fathoms "Rep (1983)" (PA)		16°51.8'N 80°16.1'W	
	143 fathoms "Rep (1983)" (PA)		16°54.3'N 80°18.9'W	
	221 fathoms "Rep (1983)" (PA)		16°55.6'N 80°12.4'W	
	143 fathoms "Rep (1983)" (PA)		16°57.5'N 80°14.5'W	
	118 fathoms "Rep (1983)" (PA)		16°59.1'N 80°16.3'W	
	228 fathoms "Rep (1983)" (PA)		11°33.1'N 82°52.0'W	
	(NVS7147/83)			
<b>E0903</b>	1Ed. 8/8/81	LAST NM N3/84		N6/84
Add	Depths			
	155 fathoms "Rep (1983)"		11°15.7'N 82°50.0'W	
	6 fathoms "Rep (1983)"		16°53.2'N 80°48.2'W	
	(NVS7173, 7178/84)			
<b>E0903</b>	1Ed. 8/8/81	LAST NM N6/84		N12/84
Add	Depth 17 fathoms "Rep (1983)" (PA) (NVS7194/84)		13°06.2'N 82°19.7'W	
<b>E0903</b>	1Ed. 8/8/81	LAST NM N12/84		N13/84
Add	Depth 96 fathoms "Rep (1983)" (PA) (NVS7214/84)		11°30.8'N 80°05.5'W	
<b>E0903</b>	1Ed. 8/8/81	LAST NM N13/84		N17/84
Add	Depths			
	29 fathoms "Rep (1983)" (PA)		11°53.1'N 82°55.4'W	
	65 fathoms "Rep (1983)" (PA)		16°26.4'N 83°17.9'W	
	269 fathoms "Rep (1983)" (PA)		16°32.0'N 83°35.0'W	
	254 fathoms "Rep (1983)" (PA)		16°33.4'N 83°12.5'W	
	224 fathoms "Rep (1983)" (PA)		16°47.7'N 82°42.7'W	
	254 fathoms "Rep (1983)" (PA)		16°56.9'N 81°45.3'W	
	209 fathoms "Rep (1983)" (PA)		16°57.6'N 81°37.8'W	
	16 fathoms "Rep (1983)" (PA)		16°15.0'N 83°39.4'W	
	(NVS7226/84)			
<b>E0903</b>	1Ed. 8/8/81	LAST NM N17/84		N26/84
Add	Depths			
	201 fathoms "Rep (1984)" (PA)		16°16.6'N 83°54.4'W	
	183 fathoms "Rep (1984)" (PA)		16°12.4'N 85°33.9'W	
	147 fathoms "Rep (1984)" (PA)		16°12.2'N 86°50.5'W	
	103 fathoms "Rep (1984)" (PA)		16°12.2'N 87°03.0'W	
	116 fathoms "Rep (1984)" (PA)		16°11.9'N 87°14.8'W	
	(NVS7276/84)			
<b>E0903</b>	1Ed. 8/8/81	LAST NM N26/84		N28/84
Add	Depth 273 fathoms "Rep (1984)" (PA) (NVS7282/84)		15°56.2'N 88°08.4'W	
<b>E0903</b>	1Ed. 8/8/81	LAST NM N28/84		N27/85
Add	Depths			
	6 fathoms 3 feet		16°05'05"N 86°11'48"W	
	9 fathoms 2 feet		16°05'14"N 86°17'08"W	
	(HNNM7478/85)			
<b>E0903</b>	1Ed. 8/8/81	LAST NM N27/85		N41/85
Add	Depth 5 fathoms 5 feet (HNNM7586/85)		16°03.8'N 86°29.9'W	
<b>E0903</b>	1Ed. 8/8/81	LAST NM N41/85		N3/86
Add	Depths			
	250 fathoms (PA)		11°53.0'N 82°17.4'W	
	180 fathoms (PA)		11°53.7'N 82°47.2'W	
	(HNNM7658/85)			
<b>E0903</b>	1Ed. 8/8/81	LAST NM N3/86		N14/86
Add	Depth 16 fathoms "Rep (1985)" enclosed by danger circle (1(99)86 Taunton)		15°59'N 81°01'W	
<b>E0903</b>	1Ed. 8/8/81	LAST NM N14/86		N51/86
Add	Depths			
	287 fathoms "Rep (1986)" (PA)		13°36.8'N 80°28.7'W	
	219 fathoms "Rep (1986)" (PA)		13°27.6'N 80°27.1'W	
	(MCNM7858/86)			

<b>E0903</b>	1Ed. 8/8/81	LAST NM N51/86		N24/87	
Add	Depths				
		184 fathoms "Rep (1987)" (PA)	14°24.2'N	80°03.9'W	
		292 fathoms "Rep (1987)" (PA)	14°21.7'N	80°00.8'W	
		(MCNM7942/87)			
<b>E0903</b>	1Ed. 8/8/81	LAST NM N24/87		N49/87	
Delete	Depth	10 fathoms "Rep (1968)"	14°29.0'N	80°28.0'W	
Add	Depths				
		161 fathoms	16°05.7'N	87°33.5'W	
		9 fathoms 5 feet	16°03.5'N	87°26.9'W	
		10 fathoms 4 feet	16°15.5'N	87°22.0'W	
		19 fathoms	16°06.4'N	87°15.2'W	
		23 fathoms	16°07.8'N	87°16.2'W	
		11 fathoms 1 foot	16°23.1'N	86°21.2'W	
		12 fathoms	16°23.9'N	86°17.1'W	
		(MCNM8018, 8020/87)			
<b>E0903</b>	1Ed. 8/8/81	LAST NM N49/87		N48/88	
Delete	Depths				
		27 fathoms "Rep (1965)"	16°58.8'N	82°17.1'W	
		10 fathoms 4 feet	16°15.5'N	87°22.0'W	
		(See N49/87-E0903)			
Add	Depth	10 fathoms 4 feet	16°06.3'N	87°22.0'W	
		(MCNM8169/88)			
<b>E0903</b>	1Ed. 8/8/81	LAST NM N48/88		N29/89	
Add	Depths				
		277 fathoms "Rep (1988)" (PA)	16°33.0'N	85°13.1'W	
		239 fathoms "Rep (1988)" (PA)	16°32.1'N	85°24.3'W	
		386 fathoms "Rep (1988)" (PA)	16°26.8'N	85°37.5'W	
		(MCNM1074/89)			
<b>E0903</b>	1Ed. 8/8/81	LAST NM N29/89		N4/93	
Add	Light	Fl 14M	12°29.4'N	81°43.1'W	
		(25/92 Bogota)			
<b>E0903</b>	1Ed. 8/8/81	LAST NM N4/93		N14/97	
Delete	Depth				
		201 fathoms "Rep (1984)" (PA)	16°16.6'N	83°54.4'W	
		183 fathoms "Rep (1984)" (PA)	16°12.4'N	85°33.9'W	
		147 fathoms "Rep (1984)" (PA)	16°12.2'N	86°50.5'W	
		103 fathoms "Rep (1984)" (PA)	16°12.2'N	87°03.0'W	
		116 fathoms "Rep (1984)" (PA)	16°11.9'N	87°14.8'W	
		(GIMM019/97)			
<b>E0903</b>	1Ed. 8/8/81	LAST NM N14/97		N30/97	
Delete	Light		16°08'N	86°53'W	
		(17(1506)97 Taunton)	16°23'N	86°25'W	
<b>E0903</b>	1Ed. 8/8/81	LAST NM N30/97		N33/97	
Change	Legend	to "SERRAVILLA BANK Rep to extend westward (1985)"	15°50.0'N	80°08.0'W	
		(GIMM001/97)			
<b>★E0916</b>	1Ed. 11/10/84	NEW CHART		N9/85	
		(DMAHTC)			
<b>E0916</b>	1Ed. 11/10/84	LAST NM N9/85		N45/94	
Add	R Bn (AERO)		70°00.9'N	126°56.6'W	
		(17(558)94 Ottawa)			
<b>E0916</b>	1Ed. 11/10/84	LAST NM N45/94		N30/97	
Delete	R Bn (AERO)		70°00.9'N	126°56.6'W	
		(3(206)97 Ottawa)			
<b>★E1001</b>	2Ed. 6/4/88	NEW EDITION		N35/88	
		(DMAHTC)			
<b>E1001</b>	2Ed. 6/4/88	LAST NM N35/88		N36/96	
Delete	Legend	"Rep (1963)"	1°41'N	92°07'W	
Add	Legend	"Rep to lie 1 mile N (1996)"	1°39'N	92°00'W	
		(SMEA037/96)			
<b>★E1002</b>	2Ed. 10/29/88	NEW EDITION		N14/89	
		(DMAHTC)			
<b>★E1004</b>	1Ed. 5/1/82	NEW CHART		N29/82	
Change	Legend	"CATALOG 1-N-S" to "CATALOG 1-N-A" in upper right corner of chart			
Add	R Bn		19°09.3'N	96°08.6'W	
		(DMAHTC; US CH 28302)			
<b>E1004</b>	1Ed. 5/1/82	LAST NM N29/82		N51/90	
Delete	Depth	80 fathoms	19°56'N	92°24'W	
		(43(3112)90 Taunton)			
<b>E1004</b>	1Ed. 5/1/82	LAST NM N51/90		N31/93	
Delete	R Bn (AERO)		20°58'N	97°23'W	
		(9(771)93 Taunton)			
<b>E1004</b>	1Ed. 5/1/82	LAST NM N31/93		N46/96	
Delete	R Bn		22°14.9'N	97°50.1'W	
			19°09.3'N	96°08.6'W	
			20°12.5'N	96°45.0'W	
			18°39.0'N	91°48.1'W	
<b>★E1016</b>	1Ed. 11/24/84	NEW CHART		N9/85	
		(DMAHTC)			
<b>E1016</b>	1Ed. 11/24/84	LAST NM N9/85		N38/97	
Add	Platform		70°30.1'N	144°55.6'W	
		(33/97 CG17)			
<b>E1016</b>	1Ed. 11/24/84	LAST NM N38/97		N29/98	
Delete	R Bn (AERO)		70°29.8'N	149°52.1'W	
		(NOS)			
<b>★E1101</b>	2Ed. 11/19/88	NEW EDITION		N29/89	
		(DMAHTC)			
<b>★E1102</b>	1Ed. 1/2/82	NEW CHART		N15/82	
		(DMAHTC)			
<b>E1102</b>	1Ed. 1/2/82	LAST NM N15/82		N33/82	
Change	Legend	"CATALOG 1-N-S" to "CATALOG 1-N-A" in upper right corner of chart			
		(DMAHTC)			
<b>E1102</b>	1Ed. 1/2/82	LAST NM N33/82		N52/82	
Add	Depth	60 fathoms "Rep (1982)"	5°05'N	108°18'W	
		(NVS6821/82)			
<b>★E1116</b>	1Ed. 1/19/85	NEW CHART		N40/85	
		(DMAHTC)			
<b>E1116</b>	1Ed. 1/19/85	LAST NM N40/85		N29/98	
Delete	R Bn (AERO)		70°54.5'N	153°15.0'W	
Relocate	R Bn (AERO)	close SW to	71°16.9'N	156°46.9'W	
Add	R Bn (AERO)		71°17.1'N	156°48.4'W	
		(NOS)			
<b>★E1201</b>	1Ed. 3/31/84	NEW CHART		N37/84	
		(DMAHTC)			
<b>★E1202</b>	1Ed. 2/26/83	NEW CHART		N25/83	
		(DMAHTC)			
<b>★E1203</b>	1Ed. 3/5/83	NEW CHART		N25/83	
		(DMAHTC)			

★E1204	1Ed. 5/22/82	NEW CHART	N29/82		
Add	Note in lower right margin of chart "NOTE Omega Australia Station G is scheduled to become operational in 1982. Users will be notified by Notice to Mariners and the normal Omega information sources when the station becomes usable for navigation." (DMAHTC)				
E1204	1Ed. 5/22/82	LAST NM N29/82	N39/83		
Add	Depth 123 fathoms "Rep (1983)" (31(2035)83 Taunton)			22°53.0'N 110°06.0'W	
★E1301	1Ed. 3/10/84	NEW CHART	N39/84		
	(DMAHTC)				
★E1302	1Ed. 12/19/81	NEW CHART	N10/82		
	(DMAHTC)				
E1302	1Ed. 12/19/81	LAST NM N10/82	N33/82		
Change	Legend "CATALOG 1-N-S" to "CATALOG 1-N-A" in upper right corner of chart (DMAHTC)				
★E1304	1Ed. 8/18/79	NEW CHART	N42/79		
	(DMAHTC)				
★E1305	1Ed. 8/18/79	NEW CHART	N42/79		
	(DMAHTC)				
★E1306	1Ed. 9/4/82	NEW CHART	N47/82		
	(DMAHTC)				
E1306	1Ed. 9/4/82	LAST NM N47/82	N43/83		
Substitute	Depth 320 fathoms for 300 fathoms (NVS6883/83)			30°26.7'N 122°45.2'W	
E1306	1Ed. 9/4/82	LAST NM N43/83	N53/88		
Add	Wreck (49/88 CG11)			33°17.6'N 120°05.9'W	
E1306	1Ed. 9/4/82	LAST NM N53/88	N29/90		
Add	Superbuoy ODAS "46023" (23/90 CG11)			34°15.2'N 120°39.7'W	
E1306	1Ed. 9/4/82	LAST NM N29/90	N21/91		
Add	Platform with light flare symbol  Buoys with light flare symbol (MCNM1065/90; 16/91 CG11)			34°28.2'N 120°40.9'W  34°16.0'N 120°33.3'W 34°14.1'N 120°20.5'W 34°18.1'N 120°10.5'W	
E1306	1Ed. 9/4/82	LAST NM N21/91	N23/91		
Add	Superbuoy ODAS with light flare symbol (MCNM1098/91)			34°52.9'N 120°52.1'W	
E1306	1Ed. 9/4/82	LAST NM N23/91	N16/92		
Add	Buoy with light flare symbol (MCC1157/92)			34°28.2'N 120°47.1'W	
E1306	1Ed. 9/4/82	LAST NM N16/92	N33/92		
Add	Superbuoy ODAS "46051" Y, Fl(4) Y 20s (29/92 CG11)			34°28.6'N 120°41.2'W	
E1306	1Ed. 9/4/82	LAST NM N33/92	N33/93		
Delete	R Bn at light (29/93 CG11)			34°34.5'N 120°38.7'W	
E1306	1Ed. 9/4/82	LAST NM N33/93	N37/93		
Add	Buoy (mooring) "G" Fl Y 4s Racon (Priv maintd) (32/93 CG11)			34°27'43"N 120°12'40"W	
E1306	1Ed. 9/4/82	LAST NM N37/93	N42/94		
Delete	Superbuoy ODAS "46051" (33/94 CG11)			34°28.6'N 120°41.2'W	
E1306	1Ed. 9/4/82	LAST NM N42/94	N46/94		
Delete	Buoy (41/91 CG11)			34°16.0'N 120°33.3'W 34°14.1'N 120°20.5'W 34°18.1'N 120°10.5'W	
E1306	1Ed. 9/4/82	LAST NM N46/94	N11/95		
Add	Dashed-line circle with legend "Subm buoy (cov 216fms)" (MCC1395/94)			34°18.0'N 124°06.1'W	
E1306	1Ed. 9/4/82	LAST NM N11/95	N13/95		
Add	Superbuoy ODAS with light flare symbol (USCG LL)			34°16.1'N 120°26.9'W	
E1306	1Ed. 9/4/82	LAST NM N13/95	N34/95		
Delete	Buoy (mooring) "G" (29/95 CG11)			34°27'43"N 120°12'40"W	
E1306	1Ed. 9/4/82	LAST NM N34/95	N40/96		
Add	Dashed line joining  Legend "MARINE SANCTUARY (see note)"  Note in upper right margin of chart "NOTE CHANNEL ISLANDS NATIONAL MARINE SANCTUARY (protected area: 15 CFR 922)" (SMEA041/96)			34°09.0'N 120°00.0'W 34°06.6'N 120°12.7'W 34°11.5'N 120°19.5'W 34°12.4'N 120°25.0'W 34°11.6'N 120°27.6'W 34°12.3'N 120°32.3'W 34°10.9'N 120°36.0'W 34°06.1'N 120°38.5'W 33°57.0'N 120°31.9'W 33°54.8'N 120°22.5'W 33°55.0'N 120°19.4'W 33°50.7'N 120°15.2'W 33°47.6'N 120°06.1'W 33°49.5'N 120°00.0'W  34°03.0'N 120°10.0'W	
E1306	1Ed. 9/4/82	LAST NM N40/96	N49/96		
Delete	Superbuoy ODAS "46023" (44/96 CG11)			34°15.2'N 120°39.7'W	
E1306	1Ed. 9/4/82	LAST NM N49/96	N29/97		
Add	Superbuoy ODAS "46023" Y, Fl(4) Y 20s (25/97 CG11)			34°42.8'N 120°58.0'W	
E1306	1Ed. 9/4/82	LAST NM N29/97	N42/97		
Add	Superbuoys ODAS, each Y "46024" QY "46028" Fl(4) Y 20s (29/97 CG11)			34°29'N 120°42'W 34°44'N 121°52'W	
E1306	1Ed. 9/4/82	LAST NM N42/97	N8/98		
Delete	Superbuoy ODAS "46028" (See N42/97-E1306) (GIMM001/98)			34°44'N 121°52'W	
E1306	1Ed. 9/4/82	LAST NM N8/98	N16/98		
Delete	Superbuoy ODAS "46024" (See N42/97-E1306) (35/97 CG11)			34°29'N 120°42'W	

<b>E1306</b>	1Ed. 9/4/82	LAST NM N16/98	N48/98
Add	Superbuoy ODAS "46063" Y, Fl(4) Y 20s	34°15.1'N 120°39.9'W	
	(42/98 CG11)		
<b>★E1307</b>	1Ed. 3/31/79	NEW CHART	N21/79
	(DMAHTC)		
<b>E1307</b>	1Ed. 3/31/79	LAST NM N21/79	N12/89
Add	Dashed-line circle with legend "Subm buoy (cov 49fms)"	36°20.0'N 122°10.9'W	
	(MCNM1034/89)		
<b>E1307</b>	1Ed. 3/31/79	LAST NM N12/89	N41/89
Add	Buoy "B" Y, Fl Y 4s (Priv maintd)	36°41.4'N 122°23.3'W	
	Dashed-line circle with legend "Subm buoy (covered 750 fathoms)"	36°42.5'N 122°19.2'W	
	(36/89 CG11)		
<b>E1307</b>	1Ed. 3/31/79	LAST NM N41/89	N5/90
Delete	Danger circle "Subm buoy (cov 49fms)"	36°20.0'N 122°10.9'W	
	(See N12/89-E1307)		
Add	Danger circle "Subm buoy (cov 53fms)"	36°20.1'N 122°10.3'W	
	"Subm buoy (cov 41fms)"	36°19.9'N 122°27.7'W	
	"Subm buoy (cov 44fms)"	35°28.3'N 121°45.1'W	
	(22, 52/89 CG11)		
<b>E1307</b>	1Ed. 3/31/79	LAST NM N5/90	N43/90
Add	Superbuoy ODAS "46014" Y, Fl(4) Y 10s	39°12.9'N 123°59.1'W	
	(39/90 CG11, USCG LL)		
<b>E1307</b>	1Ed. 3/31/79	LAST NM N43/90	N11/91
Delete	Danger circle and legend "Subm buoy (cov 53fms)"	36°20.1'N 122°10.3'W	
	Dashed-line circle and legend "Subm buoy (cov 750fms)"	36°42.5'N 122°19.2'W	
Add	Danger circle with legend "Subm buoy (cov 52fms)"	36°19.9'N 122°10.3'W	
	Dashed-line circle with legend "Subm buoy (cov 164fms)"	36°49.5'N 122°22.5'W	
	(22, 41/90 CG11)		
<b>E1307</b>	1Ed. 3/31/79	LAST NM N11/91	N23/91
Add	Superbuoy ODAS with light flare symbol	36°45.0'N 122°24.5'W	
	(MCNM1098/91)		
<b>E1307</b>	1Ed. 3/31/79	LAST NM N23/91	N25/91
Delete	Dashed-line circle and legend "Subm buoy (cov 52fms)"	36°19.9'N 122°10.3'W	
	(See N11/91-E1307)		
Add	Dashed-line circle with legend "Subm buoy (cov 53fms)"	36°20.2'N 122°10.4'W	
	(MCNM1108/91)		
<b>E1307</b>	1Ed. 3/31/79	LAST NM N25/91	N30/91
Add	Wreck (PA)	35°05.4'N 120°43.6'W	
	Obstructions "(cov 263fms)"	36°45.9'N 122°13.5'W	
	"(cov 231fms)"	36°46.5'N 122°12.5'W	
	(MCNM1116/91; 24/91 CG11)		
<b>E1307</b>	1Ed. 3/31/79	LAST NM N30/91	N35/92
Relocate	Superbuoy ODAS "46014" close NE to and change period to 20s	39°13.2'N 123°58.3'W	
Add	Superbuoy ODAS "46013" Y, Fl(4) Y 20s	38°13.6'N 123°17.9'W	
	(27/92 CG11)		
<b>E1307</b>	1Ed. 3/31/79	LAST NM N35/92	N3/94
Delete	R Bn at light	35°40.9'N 121°16.4'W	
	(50/93 CG11)		
<b>E1307</b>	1Ed. 3/31/79	LAST NM N3/94	N5/94
Delete	R Bn at light	37°59.7'N 123°01.0'W	
	(51/93 CG11)		
<b>E1307</b>	1Ed. 3/31/79	LAST NM N5/94	N16/94
Delete	R Bn at light	36°18.4'N 121°54.0'W	
	(10/94 CG11)	36°38.0'N 121°55.2'W	
<b>E1307</b>	1Ed. 3/31/79	LAST NM N16/94	N18/94
Delete	R Bn at light	37°42.8'N 123°00.0'W	
	(12/94 CG11)		
<b>E1307</b>	1Ed. 3/31/79	LAST NM N18/94	N21/94
Add	Superbuoy ODAS "46026" Y, Fl(4) Y 20s	37°44.7'N 122°49.3'W	
	(16/94 CG11)		
<b>E1307</b>	1Ed. 3/31/79	LAST NM N21/94	N29/94
Delete	R Bn at light	38°57.3'N 123°43.9'W	
	(23/94 CG11)		
<b>E1307</b>	1Ed. 3/31/79	LAST NM N29/94	N50/94
Change	Visibility (range) of light to 20M	37°43.0'N 123°00.0'W	
Add	Superbuoy ODAS "46059" Fl(4) Y	37°59.0'N 129°59.8'W	
	(43/94 CG11)		
<b>E1307</b>	1Ed. 3/31/79	LAST NM N50/94	N11/95
Delete	Obstruction "(cov 263fms)"	36°45.9'N 122°13.5'W	
	"(cov 231fms)"	36°46.5'N 122°12.5'W	
Add	Dashed-line circle with legend "Subm buoy (cov 49fms)"	36°20.2'N 122°10.2'W	
	"Subm buoy (cov 44fms)"	37°06.6'N 124°04.6'W	
	(US CH 18680; MCC1395/94)		
<b>E1307</b>	1Ed. 3/31/79	LAST NM N11/95	N23/95
Delete	R Bn	37°50'N 122°33'W	
	(16/95 CG11)		
<b>E1307</b>	1Ed. 3/31/79	LAST NM N23/95	N27/95
Delete	R Bn at light	37°12.0'N 122°23.7'W	
	(21/95 CG11)		
<b>E1307</b>	1Ed. 3/31/79	LAST NM N27/95	N28/95
Delete	R Bn at light	36°57.0'N 122°01.5'W	
	(23/95 CG11)		
<b>E1307</b>	1Ed. 3/31/79	LAST NM N28/95	N29/95
Delete	Buoy	37°44'N 122°40'W	
		37°49'N 123°10'W	
	R Bn at light	35°21'N 120°52'W	
	(24/95 CG11; MCC003/95)		
<b>E1307</b>	1Ed. 3/31/79	LAST NM N29/95	N34/95
Delete	R Bn at light	35°09'N 120°46'W	
	(29/95 CG11)		
<b>E1307</b>	1Ed. 3/31/79	LAST NM N34/95	N45/95
Delete	Dashed-line circle and legend "Subm...49fms)"	36°20.2'N 122°10.2'W	
	(See N11/95-E1307)		
Change	Legend at dashed-line circle to "Subm buoy (cov 49fms)"	36°20.2'N 122°10.4'W	
	"Subm buoy (cov 46fms)"	36°19.9'N 122°27.7'W	
	(US CH 18680; MCC050/95)		
<b>E1307</b>	1Ed. 3/31/79	LAST NM N45/95	N5/97
Add	Buoy (waverider) Y, pillar, Fl(5) Y 20s (Priv)	37°57'N 123°28'W	
	(50/96 CG11)		

<b>E1307</b>	1Ed. 3/31/79	LAST NM N5/97	N11/97	<b>E1705</b>	1Ed. 8/14/82	LAST NM N46/82	N23/91
Add	Superbuoy ODAS "46028" Y, Fl(4) Y 20s		35°44.3'N 121°52.5'W	Relocate	Superbuoy ODAS close NW to (MCNM1098/91)		23°25.1'N 162°20.1'W
	(7/97 CG11)						
<b>E1307</b>	1Ed. 3/31/79	LAST NM N11/97	N42/97	<b>E1705</b>	1Ed. 8/14/82	LAST NM N23/91	N30/91
Add	Superbuoy ODAS "44062" Y, Fl(4) Y 20s		35°06'N 121°01'W	Add	Obstructions "cov 1371fms" "cov 1454fms"		23°24.0'N 162°18.0'W 23°26.7'N 162°18.0'W
	(29/97 CG11)				(MCNM1115/91)		
<b>E1307</b>	1Ed. 3/31/79	LAST NM N42/97	N42/98	<b>★E1707</b>	1Ed. 3/7/81	NEW CHART	N20/81
Add	Dashed-line circle with legend "Subm buoy (cov 659fms)" "Subm buoys (cov 219fms)" "Subm buoys (cov 219fms)" "Subm buoy (cov 109fms)"		35°45.7'N 122°42.2'W 36°17.7'N 122°29.0'W 36°16.8'N 122°28.6'W 36°16.0'N 122°28.4'W	(DMAHTC)			
	(GIMM001/98)						
<b>★E1401</b>	1Ed. 4/14/84	NEW CHART	N37/84	<b>E1707</b>	1Ed. 3/7/81	LAST NM N20/81	N19/88
(DMAHTC)				Add	Depth 40 fathoms "Rep (1987)"		36°17.9'N 163°15.9'W
					(PA) (ED)		(MCNM8089/88)
<b>★E1402</b>	1Ed. 12/26/81	NEW CHART	N8/82	<b>★E1707</b>	1Ed. 3/7/81	LAST NM N19/88	N9/98
(DMAHTC)				Add	Depth 1813 fathoms		38°46.0'N 162°55.0'W
					(GIMM011/98)		
<b>E1402</b>	1Ed. 12/26/81	LAST NM N8/82	N33/82	<b>★E1712</b>	1Ed. 5/14/83	NEW CHART	N31/83
Change	Legend "CATALOG 1-N-S" to "CATALOG 1-N-A" in upper right corner of chart			Add	Legend "(Correct through NM 20/83)" in lower left margin of chart		
	(DMAHTC)				(DMAHTC)		
<b>★E1403</b>	1Ed. 12/26/81	NEW CHART	N9/82	<b>E1712</b>	1Ed. 5/14/83	LAST NM N31/83	N50/96
(DMAHTC)				Add	Wreck (PA)		56°48.9'N 162°35.9'W
					(45/96 CG17)		
<b>E1403</b>	1Ed. 12/26/81	LAST NM N9/82	N33/82	<b>★E1713</b>	1Ed. 4/7/90	NEW CHART	N28/90
Change	Legend "CATALOG 1-N-S" to "CATALOG 1-N-A" in upper right corner of chart			(DMAHTC)			
	(DMAHTC)						
<b>★E1404</b>	2Ed. 8/27/88	NEW EDITION	N52/88	<b>★E1714</b>	1Ed. 3/10/90	NEW CHART	N33/90
(DMAHTC)				(DMAHTC)			
<b>E1405</b>	2Ed. 6/25/88	NEW EDITION	N38/88	<b>★E1801</b>	2Ed. 2/11/89	NEW EDITION	N27/89
(DMAHTC)				(DMAHTC)			
<b>★E1501</b>	1Ed. 5/5/84	NEW CHART	N37/84	<b>★E1802</b>	2Ed. 4/1/89	NEW EDITION	N27/89
(DMAHTC)				(DMAHTC)			
<b>★E1502</b>	1Ed. 3/19/83	NEW CHART	N22/83	<b>★E1804</b>	1Ed. 8/7/82	NEW CHART	N46/82
(DMAHTC)				(DMAHTC)			
<b>★E1503</b>	1Ed. 3/26/83	NEW CHART	24/83	<b>★E1806</b>	1Ed. 2/14/81	NEW CHART	N17/81
(DMAHTC)				(DMAHTC)			
<b>★E1504</b>	2Ed. 10/1/88	NEW EDITION	N32/89	<b>★E1810</b>	1Ed. 9/2/78	NEW CHART	N46/78
(DMAHTC)				(DMAHTC)			
<b>★E1603</b>	1Ed. 6/5/82	NEW CHART	N32/82	<b>★E1812</b>	1Ed. 7/21/79	NEW CHART	N38/79
(DMAHTC)				(DMAHTC)			
<b>★E1607</b>	1Ed. 6/6/81	NEW CHART	30/81	<b>E1812</b>	1Ed. 7/21/79	LAST NM N38/79	N23/91
(DMAHTC)				Add	Superbuoy ODAS with light flare symbol		56°57.7'N 177°44.0'W
					(MCNM1098/91)		
<b>★E1608</b>	1Ed. 1/31/81	NEW CHART	N16/81	<b>E1812</b>	1Ed. 7/21/79	LAST NM N23/91	N15/95
(DMAHTC)				Add	Wreck (PA)		58°18.3'N 174°56.0'W
					(8/95 CG17)		
<b>★E1703</b>	1Ed. 5/7/83	NEW CHART	N30/83	<b>★E1901</b>	1Ed. 9/22/79	NEW CHART	N45/79
Add	Legend "(Correct through NM 19/83)" in lower left margin of chart			(DMAHTC)			
	(DMAHTC)						
<b>★E1705</b>	1Ed. 8/14/82	NEW CHART	N46/82	<b>E1901</b>	1Ed. 9/22/79	LAST NM N45/79	N3/93
(DMAHTC)				Add	R Bn (AERO)		2°38.7'S 176°49.5'E
					Depth 7 fathoms "Rep (1991)"		1°04.7'N 170°30.7'E
					(40/92 Brest; MCC1226/93)		

**E1901** 1Ed. 9/22/79 LAST NM N3/93 N4/96  
Delete R Bn (AERO) 2°39'S 176°50'E  
(BA RA)

**E1901** 1Ed. 9/22/79 LAST NM N4/96 N25/96  
Add R Bn (AERO) 1°28.1'N 173°08.1'E  
(BA RA; BA CH 700)

**★E1910** 1Ed. 5/2/81 NEW CHART N30/81  
(DMAHTC)

**★E1911** 1Ed. 6/20/81 NEW CHART N32/81  
(DMAHTC)

**★E1912** 1Ed. 8/14/82 NEW CHART N46/82  
Delete Note "OMEGA"...1982." in lower  
right margin of chart  
(DMAHTC)

**E1912** 1Ed. 8/14/82 LAST NM N46/82 N4/91  
Delete Depths  
49 fathoms 58°57'N 171°16'E  
47 fathoms 58°35'N 171°08'E  
45 fathoms 58°08'N 171°05'E  
(MCNM6951/83)

**E1912** 1Ed. 8/14/82 LAST NM N4/91 N35/95  
Add Depth 216 fathoms 58°20.0'N 170°17.5'E  
(29(2343)95 Taunton)

**★E1913** 1Ed. 5/29/82 NEW CHART N29/82  
Add Note in upper left margin of chart  
"NOTE  
Omega Australia Station G is scheduled  
to become operational in 1982. Users  
will be notified by Notice to Mariners  
and the normal Omega information  
sources when the station becomes  
usable for navigation."  
(DMAHTC)

**★E2001** 1Ed. 6/11/83 NEW CHART N37/83  
Delete Rock which does not cover (PD)  
(Previously published 36/83) 0°28.5'S 167°12.2'E  
Add Dotted-line circle with legend  
"Shoal (rep 1895)" (ED) 0°27.7'S 167°14.9'E  
(Previously published 36/83)  
(DMAHTC)

**E2001** 1Ed. 6/11/83 LAST NM N37/83 N24/88  
Add Buoys, each orange and white, conical  
"ET3" 1°57'N 165°02'E  
"ET4" 1°52'S 164°53'E  
(53(46)87 Brest)

**E2001** 1Ed. 6/11/83 LAST NM N24/88 N41/89  
Delete Buoys  
"ET 3" 1°57'N 165°02'E  
"ET 4" 1°52'S 164°53'E  
(26(60)89 Brest)

**E2001** 1Ed. 6/11/83 LAST NM N41/89 N47/95  
Delete R Bn (AERO) 0°32'S 166°55'E  
(BA RA)

**★E2009** 1Ed. 8/28/82 NEW CHART N47/82  
(DMAHTC)

**E2009** 1Ed. 8/28/82 LAST NM N47/82 N41/83  
Change Line 3 of Omega note in upper left  
margin of chart to "USE DMAHTC  
PUBS 224(103-C) A, C, D, E, G  
and H"

Line 6 of Omega note in upper left  
margin of chart to "Stations:  
(A-Norway) (C-Hawaii) (D-N.Dakota)  
(E-Reunion) (G-Australia) (H-Japan)"  
(DMAHTC)

**★E2010** 1Ed. 8/28/82 NEW CHART N47/82  
(DMAHTC)

**★E2011** 1Ed. 6/20/81 NEW CHART N32/81  
(DMAHTC)

**E2011** 1Ed. 6/20/81 LAST NM N32/81 N47/82  
Delete Depth 3 fathoms 1 foot 55°49.0'N 162°24.0'E  
(NVS6800/82)

**E2011** 1Ed. 6/20/81 LAST NM N47/82 N6/83  
Add Depth 7 fathoms "Rep (1964)"  
(USSR CH 1087) 55°35'N 165°01'E

**E2011** 1Ed. 6/20/81 LAST NM N6/83 N35/95  
Add Depth 199 fathoms 55°24.5'N 167°15.0'E  
(29(2343)95 Taunton)

**E2011** 1Ed. 6/20/81 LAST NM N35/95 N24/97  
Add "AREA 32 CAUTION NO 3" bound by  
purple dashed line joining 55°36'N 164°46'E  
55°43'N 164°50'E  
55°35'N 165°33'E  
55°27'N 165°28'E

"AREA 34 CAUTION NO 3" bound by  
purple dashed line joining 55°20'N 167°06'E  
55°28'N 167°06'E  
55°28'N 167°32'E  
55°20'N 167°32'E

Caution No 3 to CAUTIONS note in upper  
right margin of chart  
"3. Mariners are warned to exercise  
caution within the area indicated.  
The detail of these areas has not  
been derived from adequate hydro-  
graphic surveys and uncharted  
dangers may exist."  
(17(3000)96 St. Petersburg)

**★E2012** 1Ed. 8/21/82 NEW CHART N46/82  
Delete Note "OMEGA...1982." in lower  
right margin of chart  
(DMAHTC)

**E2012** 1Ed. 8/21/82 LAST NM N46/82 N7/91  
Delete Light 56°01.5'N 162°04.1'E  
Change Light to L Fl 20M 57°43.5'N 163°18.9'E  
(MCNM8074/88)

**★E2013** 1Ed. 6/19/82 NEW CHART N33/82  
(DMAHTC)

**E2013** 1Ed. 6/19/82 LAST NM N33/82 N19/87  
Add Depth 44 fathoms 59°09.0'N 166°09.3'E  
(MCNM0002/87)

**E2013** 1Ed. 6/19/82 LAST NM N19/87 N24/97  
Add "AREA 37 CAUTION NO 3" bound by  
purple dashed line joining 59°04'N 165°54'E  
59°14'N 165°54'E  
59°14'N 166°22'E  
59°04'N 166°22'E

(continued on next page)

<b>E2013</b>	(Continued)		24/97				
		Caution No 3 to CAUTIONS note in upper right margin of chart					
		"3. Mariners are warned to exercise caution within the area indicated. The detail of these areas has not been derived from adequate hydrographic surveys and uncharted dangers may exist."					
		(20(2999)96 St. Petersburg)					
<b>★E2109</b>	1Ed. 7/11/81	NEW CHART		N35/81			
	Add	Dashed-line circle "Volcanic activity rep (1978)"	46°06'N 151°30'E				
		(DMAHTC; NVS6455/81)					
<b>E2109</b>	1Ed. 7/11/81	LAST NM N35/81		N29/85			
	Add	Depth 42 fathoms (PA)	48°18.9'N 154°29.8'E				
		(HNNM7495/85)					
<b>E2109</b>	1Ed. 7/11/81	LAST NM N29/85		N47/86			
	Delete	Light	46°14'N 150°22'E				
	Add	Light Oc 19M	46°14.0'N 150°34.5'E				
		(16(1197)86 Taunton)					
<b>E2109</b>	1Ed. 7/11/81	LAST NM N47/86		N25/96			
	Add	Light					
		Fl 15M	46°49.6'N 151°52.3'E				
		Fl 9M	46°13.5'N 150°20.1'E				
		Danger circle "Volcanic Activity Rep (1980)"		46°31.8'N 151°46.7'E			
		(17(1439)96 Taunton; BA LL)					
<b>E2109</b>	1Ed. 7/11/81	LAST NM N25/96		N18/97			
	Add	R Bn at light	48°04.8'N 153°18.0'E				
		(BA RA)					
<b>E2109</b>	1Ed. 7/11/81	LAST NM N18/97		N42/97			
	Delete	Depth 44 fathoms	46°32'N 151°25'E				
		Dashed-line circle "Volcanic...(1978)"	46°06'N 151°30'E				
	Substitute	Depth 725 fathoms for 1130 fathoms	47°04'N 151°09'E				
	Add	Depth					
		583 fathoms	47°06'N 150°47'E				
		364 fathoms	46°55'N 150°30'E				
		238 fathoms	46°35'N 151°51'E				
		285 fathoms	46°44'N 152°18'E				
		418 fathoms	45°57'N 151°48'E				
		322 fathoms	45°46'N 151°04'E				
		540 fathoms	45°48'N 151°20'E				
		Legend "SEE CAUTION"	45°40'N 151°20'E				
		Caution note in lower right margin of chart					
		"CAUTION					
		Later date surveys indicate extensive changes in hydrography within this area."					
		(Rus CH 62247)					
<b>★E2110</b>	1Ed. 7/25/81	NEW CHART		N38/81			
	Add	Depth 36 fathoms	50°29'N 157°32'E				
		R Bn at light	51°29'N 156°30'E				
		(DMAHTC; US CH 96028)					
<b>E2110</b>	1Ed. 7/25/81	LAST NM N38/81		N50/83			
	Delete	Depth 18 fathoms	49°43.2'N 154°05.3'E				
	Add	Rock which covers and uncovers with legend "(uncovers 2 ft)"	49°42.7'N 154°07.2'E				
		Islet with legend "Skala Avos' (115ft above mean sea level)"		49°42.2'N 154°06.9'E			
		Dotted-line circle enclosing above rock and islet					
		(US CH 96880)					
<b>E2110</b>	1Ed. 7/25/81	LAST NM N50/83		N43/84			
	Delete	Depths					
		2 fathoms 4 feet	49°36.5'N 154°27.7'E				
		8 fathoms	49°48.8'N 155°11.8'E				
		6 fathoms	49°37.1'N 156°18.0'E				
		(29(1897)83 Taunton)					
<b>E2110</b>	1Ed. 7/25/81	LAST NM N43/84		N20/86			
	Delete	Light	52°53'N 158°42'E				
		Note: R Bn remains					
		(9(687)86 Taunton)					
<b>E2110</b>	1Ed. 7/25/81	LAST NM N20/86		N47/86			
	Change	Visibility (range) of light to 25M	52°04.1'N 158°19.9'E				
	Add	Light Fl 20M at R Bn	50°46.0'N 156°12.5'E				
		(USSR LL)					
<b>E2110</b>	1Ed. 7/25/81	LAST NM N47/86		N27/96			
	Delete	R Bn	50°49'N 156°25'E				
		(BA RA)					
<b>E2110</b>	1Ed. 7/25/81	LAST NM N27/96		N35/96			
	Delete	R Bn	50°49'N 156°25'E				
		Light	52°37'N 158°33'E				
	Add	Light Oc 25M	52°53'N 158°43'E				
		(BA RA; Rus CH 61036)					
<b>E2110</b>	1Ed. 7/25/81	LAST NM N35/96		N44/96			
	Add	Wreck	52°53.0'N 159°59.0'E				
		Light Fl 10M	52°46.6'N 158°37.4'E				
		Depth 63 fathoms Obstn		52°56.4'N 159°03.8'E			
		(SMEA004/96; Rus CH 61036)					
<b>E2110</b>	1Ed. 7/25/81	LAST NM N44/96		N18/97			
	Add	R Bn	52°26.0'N 158°31.0'E				
		(BA RA)					
<b>E2110</b>	1Ed. 7/25/81	LAST NM N18/97		N24/97			
	Add	"AREA 23 CAUTION NO 3" area bound					
		purple dashed line joining	50°44'N 155°48'E				
			50°46'N 155°46'E				
			50°49'N 155°53'E				
			50°47'N 155°55'E				
		Caution No 3 to CAUTIONS note in upper right margin of chart					
		"3. Mariners are warned to exercise caution within the areas indicated. The detail of these areas has not been derived from adequate hydrographic surveys and uncharted dangers may exist."					
		(17(3001)96 St. Petersburg)					
<b>E2110</b>	1Ed. 7/25/81	LAST NM N24/97		N30/97			
	Add	R Bn	52°37'N 158°27'E				
		(BA RA; Rus CH 61036)					
<b>★E2111</b>	1Ed. 9/3/83	NEW CHART		N49/83			
	Delete	Light	53°13.5'N 159°45.1'E				
		(DMAHTC; USSR CH 1087)					
<b>★E2112</b>	1Ed. 6/25/83	NEW CHART		N37/83			
		(DMAHTC)					
<b>★E2113</b>	1Ed. 7/23/83	NEW CHART		N38/83			
	Delete	R Bn	59°30.3'N 150°33.0'E				
		(DMAHTC)					
<b>★E2202</b>	1Ed. 6/23/79	NEW CHART		N33/79			
		(DMAHTC)					
<b>E2202</b>	1Ed. 6/23/79	LAST NM N33/79		N44/84			
	Add	Depth 22 fathoms "Rep (1984)"	7°17.1'N 146°54.3'E				
		(35(2296)84 Taunton)					

<b>E2202</b>	1Ed. 6/23/79	LAST NM N44/84	N23/86
Delete	Depths		
	6 fathoms 3 feet	8°05.0'N 146°30.0'E	
	26 fathoms	8°28.0'N 145°04.0'E	
	270 fathoms	8°31.4'N 145°02.6'E	
	10 fathoms "Rep (1948)" PA	7°33.3'N 149°21.0'E	
Add	Depth 10 fathoms "Rep (1948)" (PA)	7°32.2'N 149°22.0'E	
	(MCNM7760/86)		
<b>E2202</b>	1Ed. 6/23/79	LAST NM N23/86	N48/95
Substitute	Depth 185 fathoms for 179 fathoms	6°39'N 142°34'E	
	(35(2901)95 Taunton)		
<b>E2202</b>	1Ed. 6/23/79	LAST NM N48/95	N10/96
Add	Depth		
	16 fathoms	8°24.8'N 148°12.5'E	
	8 fathoms 4 feet	8°03.4'N 148°33.8'E	
	(3(201)96 Taunton)		
<b>E2202</b>	1Ed. 6/23/79	LAST NM N10/96	N42/96
Add	Depth 241 fathoms	9°35.7'N 140°25.8'E	
	(35(2945)96 Taunton)		
<b>★E2209</b>	1Ed. 6/27/81	NEW CHART	N42/81
	(DMAHTC)		
<b>E2209</b>	1Ed. 6/27/81	LAST NM N42/81	N35/83
Delete	Depth 25 fathoms	45°46.2'N 143°42.7'E	
	(NVS7001/83)		
<b>E2209</b>	1Ed. 6/27/81	LAST NM N35/83	N49/85
Delete	Purple dashed line joining	48°41.4'N 144°30.9'E	
		48°20.1'N 144°30.9'E	
		48°18.1'N 144°37.1'E	
Add	Purple dashed-line arc of circle,	48°30.2'N 144°37.6'E	
	radius 12 miles, centered	48°41.4'N 144°30.9'E	
	lesser arc between	48°18.1'N 144°37.1'E	
	(1(27 I-12)85 Leningrad)		
<b>E2209</b>	1Ed. 6/27/81	LAST NM N49/85	N19/86
Add	Danger circle "Obstr (purse seine)"	46°10.3'N 140°52.0'E	
	(13(2398)86 Leningrad)		
<b>E2209</b>	1Ed. 6/27/81	LAST NM N19/86	N13/90
Change	Visibility (range) of light to 22M	48°47'N 141°51'E	
	(49(9155)89 Leningrad)		
<b>E2209</b>	1Ed. 6/27/81	LAST NM N13/90	N6/93
Add	Depth 96 fathoms "Rep (1988)"	47°20.7'N 141°37.5'E	
	(MCC1167/92)		
<b>E2209</b>	1Ed. 6/27/81	LAST NM N6/93	N13/96
Add	"DANGER AREA NO 20" bound by	49°00'N 145°27'E	
	purple composite line joining	48°42'N 145°27'E	
		48°42'N 145°09'E	
		48°55'N 144°42'E	
		49°00'N 144°36'E	
	"DANGER AREA NO 42" bound by	47°24'N 143°29'E	
	purple composite line joining	47°54'N 143°03'E	
		48°00'N 144°24'E	
		47°39'N 144°21'E	
	(40(5844)95 St. Petersburg)		
<b>E2209</b>	1Ed. 6/27/81	LAST NM N13/96	N33/96
Add	Light Fl 9M R Bn	45°25.5'N 147°55.0'E	
	(27(2251)96 Taunton; BA LL)		
<b>E2209</b>	1Ed. 6/27/81	LAST NM N33/96	N39/96
Add	Depth 295 fathoms	45°58'N 149°24'E	
	(17(1439)96 Taunton)		

<b>E2209</b>	1Ed. 6/27/81	LAST NM N39/96	N50/96
Delete	Depth		
	85 fathoms	48°41'N 141°02'E	
	90 fathoms	48°19'N 140°58'E	
	70 fathoms	48°12'N 141°18'E	
	80 fathoms	48°06'N 141°03'E	
	40 fathoms	48°02'N 141°06'E	
	40 fathoms	47°59'N 141°02'E	
	101 fathoms	47°42'N 140°17'E	
Add	Submarine cable joining	49°00'N 141°10'E	
		48°26'N 141°08'E	
	(Rus CH 62009)	47°26'N 140°00'E	
<b>E2209</b>	1Ed. 6/27/81	LAST NM N50/96	N2/97
Delete	"DANGER AREA NO 20" in vicinity	48°50'N 145°20'E	
	"DANGER AREA NO 42"	47°40'N 143°40'E	
	(See N13/96-E2209)		
Add	"AREA NO 20 CAUTION NO 3" bound by	49°00'N 145°27'E	
	purple dashed line joining	48°42'N 145°27'E	
		48°42'N 145°09'E	
		48°55'N 144°42'E	
		49°00'N 144°36'E	
	"AREA NO 42 CAUTION NO 3" bound by	47°24'N 143°29'E	
	purple dashed line joining	47°54'N 143°03'E	
		48°00'N 144°24'E	
		47°39'N 144°21'E	
	Caution No 3 to CAUTIONS note in		
	upper right margin of chart		
	"3. Mariners are warned to exercise		
	caution within the area indicated.		
	The detail of these areas has not		
	been derived from adequate		
	hydrographic surveys and uncharted		
	dangers may exist."		
	(GIMM059/96)		
<b>E2209</b>	1Ed. 6/27/81	LAST NM N2/97	N42/97
Add	Depth 961 fathoms	46°14'N 149°46'E	
	Legend "SEE CAUTION"	46°15'N 149°40'E	
	Caution note in lower right margin of		
	chart		
	"CAUTION		
	Later date surveys indicate extensive		
	changes in hydrography within this		
	area."		
	(Rus CH 62274)		
<b>★E2210</b>	1Ed. 5/28/83	NEW CHART	N31/83
Add	Legend "(Correct through NM 22/83)"		
	in lower left margin of chart		
	(DMAHTC)		
<b>E2210</b>	1Ed. 5/28/83	LAST NM N31/83	N52/92
Delete	R Bn	50°06'N 140°42'E	
	(34(5515)92 St. Petersburg)		
<b>E2210</b>	1Ed. 5/28/83	LAST NM N52/92	N13/96
Delete	R Bn	51°44'N 143°19'E	
Add	"DANGER AREA NO 17" bound by	53°00'N 144°44'E	
	purple composite line joining	52°58'N 144°44'E	
		52°58'N 144°07'E	
		53°00'N 144°07'E	
	"DANGER AREA NO 20" bound by	49°00'N 145°27'E	
	purple composite line joining	50°00'N 144°47'E	
		50°32'N 144°35'E	
		50°32'N 144°00'E	
		49°00'N 144°40'E	
	R Bn	49°14'N 143°07'E	
		49°05'N 142°02'E	
		51°57'N 143°08'E	
	(40(5843, 5844)95 St. Petersburg; Rus LL)		





<b>E2307</b>	1Ed. 7/18/81	LAST NM N10/95	N51/95	
Delete	Superbuoy ODAS		37°54'N 134°31'E	
Add	Superbuoy ODAS with Ra Ref (45(1979)95 Tokyo)		37°55'N 134°32'E	
<b>E2307</b>	1Ed. 7/18/81	LAST NM N51/95	N22/96	
Delete	R Bn (16(32)96 Tokyo)		35°09'N 139°39'E	
<b>E2307</b>	1Ed. 7/18/81	LAST NM N22/96	N23/96	
Add	Light Fl 17M (US CH 95016; ROK LL)		37°14.9'N 131°52.3'E	
<b>E2307</b>	1Ed. 7/18/81	LAST NM N23/96	N40/96	
Change	Light to Fl 23M (Jpn CH 116; Jpn LL)		35°34.0'N 133°19.4'E	
<b>E2307</b>	1Ed. 7/18/81	LAST NM N40/96	N4/97	
Change	Visibility (range) of light to 27M (49(2325)96 Tokyo)		36°03.7'N 132°57.5'E	
<b>E2307</b>	1Ed. 7/18/81	LAST NM N4/97	N5/97	
Change	Light to Fl 18M Fl 23M (50(2342), 52(2403)96 Tokyo)		36°12.3'N 133°11.8'E 39°11.9'N 139°33.9'E	
<b>E2307</b>	1Ed. 7/18/81	LAST NM N5/97	N24/97	
Add	R Bn (14(22)97 Tokyo)		35°08.5'N 139°39.2'E	
<b>★E2308</b>	2Ed. 5/9/92	NEW EDITION	N34/92	
Delete	Light symbol (DMAHTC; BA LL)		42°50.9'N 132°19.5'E	
<b>E2308</b>	2Ed. 5/9/92	LAST NM N34/92	N11/93	
Delete	R Bn at lights (MCC1231/93)		42°03.3'N 139°27.1'E 40°00.1'N 139°42.3'E	
<b>E2308</b>	2Ed. 5/9/92	LAST NM N11/93	N36/94	
Delete	Depth 146 fathoms (MCC1378/94)		41°06'N 130°27'E	
<b>E2308</b>	2Ed. 5/9/92	LAST NM N36/94	N18/97	
Add	R Bn (BA RA)		43°01.1'N 131°56.7'E	
<b>★E2309</b>	1Ed. 6/19/82	NEW CHART	N33/82	
Change	Light to Iso 16M R Bn (DMAHTC; US LL)		47°19.0'N 138°59.5'E	
<b>E2309</b>	1Ed. 6/19/82	LAST NM N33/82	N47/86	
Change	Light to Fl 17M (BA LL)		45°23'N 137°08'E	
<b>★E2401</b>	1Ed. 9/1/79	NEW CHART	N44/79	
Relocate	Light 1 mile W to		1°23.6'N 125°09.8'E	
Substitute	Depth 9 fathoms "Rep (1974)" (PA) for 15 fathoms "Rep (1975)"		2°14.2'S 129°46.7'E	
Change	Visibility (range) of light to 15M		1°30.0'N 124°50.0'E	
Add	Depths 138 fathoms in 25 fathoms "Rep (1977)" (DMA; Ind CH; 19,28/79Tntn; NVS5046/79; (424)77Jkrt)		0°37.3'N 128°49.7'E 2°00.0'S 125°18.1'E	
<b>E2401</b>	1Ed. 9/1/79	LAST NM N44/79	N5/80	
Add	Dangerous submerged rock (ED) Depth 218 fathoms "Rep (1979)" (33(1975), 1976)79 Taunton)		2°15.5'S 122°48.8'E 1°12.3'S 129°10.0'E	
<b>E2401</b>	1Ed. 9/1/79	LAST NM N5/80	N37/80	
Add	Depths 117 fathoms "Rep (1980)" 159 fathoms "Rep (1980)" (29(1595)80 Taunton)		0°18.1'N 129°42.0'E 0°22.0'N 129°41.5'E	
<b>E2401</b>	1Ed. 9/1/79	LAST NM N37/80	N52/80	
Add	"Explosives Dumping Area" bound by purple dashed line joining 1°35'N 124°30'E 1°35'N 124°35'E 1°40'N 124°35'E 1°40'N 124°30'E joining 1°16'N 125°23'E 1°16'N 125°28'E 1°13'N 125°28'E 1°13'N 125°23'E (39(422)80 Jakarta)			
<b>E2401</b>	1Ed. 9/1/79	LAST NM N52/80	N17/81	
Add	Depth 90 fathoms enclosed by depth contour (100-fathom) (10(566)81 Taunton)		2°49.0'S 125°41.0'E	
<b>E2401</b>	1Ed. 9/1/79	LAST NM N17/81	N23/82	
Add	Depth 55 fathoms "Rep (1976)" (48(2413)76 Taunton)		0°07.5'N 129°01.5'E	
<b>E2401</b>	1Ed. 9/1/79	LAST NM N23/82	N36/82	
Add	Depth 19 fathoms (10(611)82 Taunton)		2°00.5'S 124°11.4'E	
<b>E2401</b>	1Ed. 9/1/79	LAST NM N36/82	N39/83	
Add	Light Fl 20M (31(2029)83 Taunton)		1°19.4'N 125°04.1'E	
<b>E2401</b>	1Ed. 9/1/79	LAST NM N39/83	N21/85	
Add	Lights Fl R 8M Fl(2) 15M (12(857), 858)85 Taunton)		2°03.5'S 125°59.3'E 1°31.4'S 128°44.9'E	
<b>E2401</b>	1Ed. 9/1/79	LAST NM N21/85	N42/85	
Delete	Depth 35 fathoms		2°03.0'N 125°16.1'E	
Add	Depths 32 fathoms "Rep (1985)" 35 fathoms "Rep (1982)" 34 fathoms "Rep (1976)" (17(1022)82, 34(2273)85 Taunton)		2°03.1'N 125°16.4'E 2°05.0'N 125°15.8'E 2°03.3'N 125°15.0'E	
<b>E2401</b>	1Ed. 9/1/79	LAST NM N42/85	N16/86	
Add	Light Fl 12M (3(241)86 Taunton)		2°21.3'N 125°17.8'E	
<b>E2401</b>	1Ed. 9/1/79	LAST NM N16/86	N21/88	
Add	Light Fl(3) 20M (10(77)88 Jakarta)		1°49.2'S 126°29.0'E	
<b>E2401</b>	1Ed. 9/1/79	LAST NM N21/88	N33/89	
Add	R Bn at light (23(193)89 Jakarta)		1°53.5'N 125°05.5'E	
<b>E2401</b>	1Ed. 9/1/79	LAST NM N33/89	N15/93	
Add	Depth 7 fathoms 3 feet "Rep (1993)" (7(49)93 Jakarta; 8(668)93 Taunton)		0°07.3'N 126°55.5'E	
<b>E2401</b>	1Ed. 9/1/79	LAST NM N15/93	N33/93	
Add	Rock which does not cover "Rep (1990)" (MCC1265/93)		2°08'S 128°32'E	
<b>E2401</b>	1Ed. 9/1/79	LAST NM N33/93	N29/95	
Add	Depth 135 fathoms "Rep (1995)" (19(1555)95 Taunton)		1°50.0'S 129°14.0'E	

★E2405	1Ed. 8/21/82	NEW CHART	N40/82	
Delete	Light	Legend "FI(2) 22M"	27°19.5'N 128°34.2'E	
			27°23.4'N 128°27.5'E	
		Note "OMEGA...operation" in lower right margin of chart		
Change	Light to Fl(3) 11M		26°22.8'N 120°29.7'E	
	Visibility (range) of light to 24M		26°44.8'N 128°19.8'E	
	19M		27°52.7'N 128°53.6'E	
	18M		27°26.8'N 128°42.0'E	
			27°53.3'N 128°58.3'E	
	(DMAHTC; Jpn LL; Cna LL)			
E2405	1Ed. 8/21/82	LAST NM N40/82	N42/82	
Change	Visibility (range) of light to 18M	(See 40/82-E2405)	27°53.3'N 128°58.3'E	
	(Jpn LL)			
E2405	1Ed. 8/21/82	LAST NM N42/82	N48/82	
Delete	Depths 1			
	fathoms "Rep (1962)"		27°20.6'N 129°07.5'E	
	8 fathoms 4 feet "Rep (1962)"		27°18.5'N 129°06.3'E	
	15 fathoms "ED Rep (1960)"		27°15.0'N 129°02.1'E	
	15 fathoms "Rep (1955)"		27°12.8'N 127°29.0'E	
	5 fathoms 5 feet "Rep (1961)"		26°55.0'N 127°30.4'E	
	5 fathoms "Rep (1961)"		26°49.8'N 127°29.2'E	
	7 fathoms "Rep (1960)"		25°04.0'N 126°12.5'E	
	(41(1199)82 Tokyo)			
E2405	1Ed. 8/21/82	LAST NM N48/82	N42/83	
Delete	Sonar confirmed non-submarine contact symbol		25°10.4'N 121°22.5'E	
	(35(2255)83 Taunton)			
E2405	1Ed. 8/21/82	LAST NM N42/83	N10/84	
Delete	Depth 10 fathoms "Rep (1968)"		26°05.4'N 128°10.0'E	
	(3(76)84 Tokyo)			
E2405	1Ed. 8/21/82	LAST NM N10/84	N25/84	
Add	Wreck		24°36.9'N 121°55.2'E	
	(15/84 Tso-ying)			
E2405	1Ed. 8/21/82	LAST NM N25/84	N36/84	
Add	Dangerous submerged rock (ED)		27°47'N 125°14'E	
	(26(844)84 Tokyo)			
E2405	1Ed. 8/21/82	LAST NM N36/84	N39/84	
Add	Depth 10 fathoms 5 feet Wk (unsurveyed) (PA)		27°00.0'N 121°11.0'E	
	(31(2044)84 Taunton)			
E2405	1Ed. 8/21/82	LAST NM N39/84	N50/84	
Delete	Depth 12 fathoms "Rep (1946)"		25°40.1'N 127°35.2'E	
	(38(1214)84 Tokyo)			
E2405	1Ed. 8/21/82	LAST NM N50/84	N3/85	
Delete	Dangerous submerged rock (ED)		27°47'N 125°14'E	
	(Supersedes N36/84-E2405)			
	(48(1501)84 Tokyo)			
E2405	1Ed. 8/21/82	LAST NM N3/85	N8/85	
Add	Depths			
	265 fathoms "Rep (1984)" (PA)		24°16.0'N 122°42.3'E	
	279 fathoms "Rep (1984)" (PA)		24°34.0'N 122°53.5'E	
	(NVS7392/85)			
E2405	1Ed. 8/21/82	LAST NM N8/85	N15/85	
Change	Light to Iso 21M		24°36.4'N 124°19.0'E	
	(8(195)85 Tokyo)			
E2405	1Ed. 8/21/82	LAST NM N15/85	N17/85	
Change	Light to Iso 18M		24°28.0'N 123°48.9'E	
	(10(251)85 Tokyo)			
E2405	1Ed. 8/21/82	LAST NM N17/85	N18/85	
Add	Buoys, each Mo(U) 16s			
	"1"		27°06.0'N 129°23.0'E	
	"2"		27°18.8'N 129°16.8'E	
	"3"		27°12.1'N 129°38.7'E	
	"4"		26°52.8'N 129°29.3'E	
	"5"		27°00.5'N 129°08.5'E	
	Submarine cable between		27°06.0'N 129°23.0'E	
			26°38.9'N 128°21.1'E	
	(NVS7436/85)			
E2405	1Ed. 8/21/82	LAST NM N18/85	N19/85	
Add	Depth 293 fathoms "Rep (1985)" (PA)		24°10.6'N 122°37.3'E	
	(NVS7449/85)			
E2405	1Ed. 8/21/82	LAST NM N19/85	N25/85	
Substitute	Depth 41 fathoms "Rep (1985)" for 53 fathoms "Rep (1965)"		27°50'30"N 128°02'18"E	
	(HNNM7471/85)			
E2405	1Ed. 8/21/82	LAST NM N25/85	N33/85	
Delete	Depths			
	14 fathoms "Rep (1978)"		28°07'N 126°47'E	
	24 fathoms "Rep (1945)"		27°11'N 126°08'E	
	9 fathoms 5 feet "Rep (1946)"		25°35'N 126°13'E	
	(27(825)85 Tokyo)			
E2405	1Ed. 8/21/82	LAST NM N33/85	N37/85	
Add	Depths			
	62 fathoms		24°33.0'N 122°13.8'E	
	258 fathoms "Rep (1985)" (PA)		28°33.7'N 128°11.5'E	
	(29(1911)85 Taunton; HNNM7522/85)			
E2405	1Ed. 8/21/82	LAST NM N37/85	N2/86	
Substitute	Depth 78 fathoms for 94 fathoms		28°52.5'N 129°32.0'E	
	(47(1402)85 Tokyo)			
E2405	1Ed. 8/21/82	LAST NM N2/86	N8/86	
Change	Light to Iso 19M		26°42.0'N 128°01.0'E	
	(50(1466)85 Tokyo)			
E2405	1Ed. 8/21/82	LAST NM N8/86	N15/86	
Delete	Depths			
	24 fathoms "Rep (1964)"		25°44.1'N 126°36.5'E	
	12 fathoms "Rep (1951)"		25°56.5'N 127°19.2'E	
	13 fathoms "Rep (1964)"		27°23.0'N 125°56.0'E	
	12 fathoms		26°49.0'N 125°20.0'E	
	30 fathoms		25°49.5'N 126°34.7'E	
	(6(148)86 Tokyo; Jpn CH 1004A; 16(104)85 Cna)			
E2405	1Ed. 8/21/82	LAST NM N15/86	N41/86	
Add	Dashed-line circle with legend "Discol water (1986)"		26°06.9'N 127°57.8'E	
	(MCNM7818/86)			
E2405	1Ed. 8/21/82	LAST NM N41/86	N42/86	
Add	Depth 67 fathoms "Rep (1986)"		27°30.3'N 127°43.3'E	
	(MCNM7822/86)			
E2405	1Ed. 8/21/82	LAST NM N42/86	N47/86	
Delete	Depth 23 fathoms		28°15.0'N 126°59.0'E	
	(Jpn CH 1004A)			
E2405	1Ed. 8/21/82	LAST NM N47/86	N48/86	
Add	Superbuoy "ODAS", Fl Ra Ref		28°12'N 126°21'E	
	(39(1173)86 Tokyo)			
E2405	1Ed. 8/21/82	LAST NM N48/86	N2/87	
Add	Depth 12 fathoms "Rep (1986)"		25°38.9'N 122°32.8'E	
	(39(2836)86 Taunton)			
E2405	1Ed. 8/21/82	LAST NM N2/87	N11/87	
Change	Light to Iso 22M		24°03.1'N 123°47.4'E	
	(2(55)87 Tokyo)			

<b>E2405</b>	1Ed. 8/21/82	LAST NM N11/87	N30/87
Delete	Danger circle "Obstr Rep (1938)"		28°52.0'N 128°59.0'E
Add	Depth 1 fathom 1 foot (18(545)87 Tokyo)		28°51.0'N 128°58.3'E
<b>E2405</b>	1Ed. 8/21/82	LAST NM N30/87	N45/87
Add	Submarine cable joining		26°44.0'N 127°58.0'E 26°47.2'N 127°58.6'E 27°15.2'N 128°23.3'E 27°13.0'N 128°39.0'E 27°13.0'N 128°57.5'E 27°30.0'N 129°22.0'E
	(32(895)87 Tokyo)		
<b>E2405</b>	1Ed. 8/21/82	LAST NM N45/87	N52/87
Relocate	Superbuoy ODAS close S to (41(1190)87 Tokyo)		28°10'N 126°20'E
<b>E2405</b>	1Ed. 8/21/82	LAST NM N52/87	N4/88
Change	Lights to Fl(2) 20M Iso 19M (48(1377, 1378)87 Tokyo)		28°28.0'N 129°37.0'E 28°17.0'N 129°56.1'E
<b>E2405</b>	1Ed. 8/21/82	LAST NM N4/88	N8/88
Add	Dashed-line circle "Discol water Rep (1987)" (46(3494)87 Taunton)		27°41.0'N 128°20.5'E
<b>E2405</b>	1Ed. 8/21/82	LAST NM N8/88	N18/88
Delete	Light		26°22.0'N 126°43.0'E
Add	Light Iso 20M (8(249)88 Tokyo)		26°22.1'N 126°43.9'E
<b>E2405</b>	1Ed. 8/21/82	LAST NM N18/88	N51/88
Delete	Depths		5 fathoms "Rep (1923)" 25°50.5'N 120°39.0'E 12 fathoms "Rep (1905)" 25°28.5'N 120°19.0'E 8 fathoms "Rep (1954)" 25°26.5'N 120°07.5'E 17 fathoms "Rep (1953)" 25°24.0'N 120°07.0'E 10.5 fathoms "Rep (1929)" 25°22.0'N 120°01.0'E 9.5 fathoms 25°29.0'N 120°25.5'E 15 fathoms 26°06.0'N 120°42.0'E
	Dotted-line circle and legend "Rep (1920)" (13(73)88 Tianjin; Cna CH 9201)		25°53.5'N 120°27.9'E
<b>E2405</b>	1Ed. 8/21/82	LAST NM N51/88	N19/89
Delete	Buoy "2" (MCNM1054/89)		27°19.0'N 129°16.9'E
<b>E2405</b>	1Ed. 8/21/82	LAST NM N19/89	N19/90
Delete	Light		25°09'N 121°44'E
Change	Visibility (range) of light to 14M (15, 17/90 Tso-ying)		25°12'N 121°47'E
<b>★E2405</b>	1Ed. 8/21/82	LAST NM N19/90	N9/93
Add	Depth 26 fathoms (MCC1167/92)		26°24.4'N 125°04.2'E
<b>E2405</b>	1Ed. 8/21/82	LAST NM N9/93	N45/94
Add	Light symbol (14(103)94 Tianjin)		28°04'N 121°32'E
<b>E2405</b>	1Ed. 8/21/82	LAST NM N45/94	N9/95
Add	Dangerous wreck "Rep (1994)" (18(121)94 Tianjin)		27°14'N 121°01'E
<b>E2405</b>	1Ed. 8/21/82	LAST NM N9/95	N11/95
Add	Depth 216 meters "Rep (1995)" (MCC C04/95)		28°30.9'N 128°10.5'E
<b>E2405</b>	1Ed. 8/21/82	LAST NM N11/95	N16/95
Add	Danger circle "Explosives" (Cna CH 9310)		26°03.0'N 120°05.1'E
<b>E2405</b>	1Ed. 8/21/82	LAST NM N16/95	N37/95
Add	Superbuoy Mo(U) 8s Ra Ref (29(1246), 31(1339)95 Tokyo)		24°27.6'N 125°06.6'E 25°59.5'N 128°00.5'E
<b>E2405</b>	1Ed. 8/21/82	LAST NM N37/95	N2/96
Delete	Islet and legend "TAISHO-JIMA" (Jpn CH 1203)		25°54.2'N 124°34.0'E 25°55.2'N 124°33.4'E
<b>E2405</b>	1Ed. 8/21/82	LAST NM N2/96	N14/96
Add	Wreck (12, 14/96 Tso-ying)		25°14.4'N 121°44.2'E 25°41.9'N 121°39.5'E
<b>E2405</b>	1Ed. 8/21/82	LAST NM N14/96	N30/96
Add	Superbuoy Mo(U) 8s Ra Ref (24(1163)96 Tokyo)		26°40.4'N 126°56.8'E
<b>E2405</b>	1Ed. 8/21/82	LAST NM N30/96	N32/96
Add	Superbuoy Mo(U) 8s Ra Ref (27(1307)96 Tokyo)		26°21.4'N 128°18.7'E
<b>E2405</b>	1Ed. 8/21/82	LAST NM N32/96	N34/96
Add	Submarine cable between (5/96 Tso-ying)		24°55'N 122°01'E 25°00'N 122°08'E
<b>E2405</b>	1Ed. 8/21/82	LAST NM N34/96	N38/96
Add	Wreck (PA) (15/96 Tso-ying)		25°30'N 120°50'E
<b>E2405</b>	1Ed. 8/21/82	LAST NM N38/96	N40/96
Change	Visibility (range) of light to 14M and add light flare symbol (Jpn LL; Jpn CH 1289)		24°20.8'N 123°41.8'E
<b>E2405</b>	1Ed. 8/21/82	LAST NM N40/96	N5/97
Add	Superbuoy Mo(U) 8s Ra Ref (50(2347)96 Tokyo)		24°09.6'N 124°20.3'E
<b>E2405</b>	1Ed. 8/21/82	LAST NM N5/97	N19/97
Add	Dangerous wreck (PA) (7(295)87 Tokyo)		28°24.0'N 123°49.7'E
<b>E2405</b>	1Ed. 8/21/82	LAST NM N19/97	N28/97
Delete	Light and legend "SEA BERTH" (BA LL)		26°23'N 128°58'E
<b>★E2406</b>	1Ed. 6/26/82	NEW CHART	N33/82
Change	Light to Iso, F 14M (DMAHTC; US LL)		32°46.0'N 128°39.0'E
<b>E2406</b>	1Ed. 6/26/82	LAST NM N33/82	N45/82
Add	Depth 174 fathoms (NVS6791/82)		30°11'12"N 129°37'15"E
<b>E2406</b>	1Ed. 6/26/82	LAST NM N45/82	N9/83
Change	Fog signal to SIREN at light (2(24)83 Seoul)		34°47.0'N 125°47.4'E
<b>E2406</b>	1Ed. 6/26/82	LAST NM N9/83	N27/85
Add	Danger circle "Unexploded Ordnance" (9(52)85 China)		29°38.0'N 122°46.3'E
<b>E2406</b>	1Ed. 6/26/82	LAST NM N27/85	N52/85
Add	Depth 19 fathoms (Jpn CH 1212)		33°18.1'N 129°01.4'E
<b>E2406</b>	1Ed. 6/26/82	LAST NM N52/85	N7/86
Add	Depth 19 fathoms (Jpn CH 1212)		32°59.3'N 128°44.8'E

<b>E2406</b>	1Ed. 6/26/82 LAST NM N7/86	N22/86	
Add	Legend "R Bn"	31°58.0'N 121°44.3'E	
	(6(38)86 China)		
<b>E2406</b>	1Ed. 6/26/82 LAST NM N22/86	N43/86	
Add	Depths		
	200 fathoms	29°26.4'N 129°02.0'E	
	231 fathoms	29°25.0'N 129°00.9'E	
	(MCNM7830/86)		
<b>E2406</b>	1Ed. 6/26/82 LAST NM N43/86	N46/86	
Add	Depth 194 fathoms "Rep (1986)"	30°19.0'N 128°07.5'E	
	(MCNM7842/86)		
<b>E2406</b>	1Ed. 6/26/82 LAST NM N46/86	N52/86	
Add	Depth 154 fathoms "Rep (1986)" (PA)	29°54.3'N 129°23.6'E	
	(MCNM7862/86)		
<b>E2406</b>	1Ed. 6/26/82 LAST NM N52/86	N20/87	
Delete	Depth 174 fathoms	30°11.2'N 129°37.3'E	
Add	Depth 177 fathoms	30°12.0'N 129°36.5'E	
	(Jpn CH 1222)		
<b>E2406</b>	1Ed. 6/26/82 LAST NM N20/87	N26/87	
Add	Light Fl 26M	34°06.1'N 129°10.2'E	
	(14(442)87 Tokyo)		
<b>E2406</b>	1Ed. 6/26/82 LAST NM N26/87	N29/87	
Delete	Depth 10 fathoms "Rep (1947)"	30°58.0'N 128°53.0'E	
Change	Legends to "Rep (1987) ED"	29°59.0'N 129°10.0'E	
		29°56.1'N 129°15.0'E	
		29°52.0'N 129°04.0'E	
		29°46.5'N 128°55.0'E	
		29°45.0'N 128°41.5'E	
		30°32.0'N 129°38.0'E	
Add	Legend "Rep (1987) ED" to depths		
	11 fathoms	29°55.0'N 129°06.0'E	
	11 fathoms	29°54.0'N 129°02.0'E	
	11 fathoms	29°52.0'N 128°55.0'E	
	(MCNM7951/87; 38(1145)79 Tokyo)		
<b>E2406</b>	1Ed. 6/26/82 LAST NM N29/87	N30/89	
Add	Depth 73 fathoms	29°19.5'N 129°15.2'E	
	(22(714)89 Tokyo)		
<b>E2406</b>	1Ed. 6/26/82 LAST NM N30/89	N10/90	
Substitute	Depth 380 fathoms for 38 fathoms	31°05.8'N 128°57.0'E	
	(MCNM1013/90)		
<b>E2406</b>	1Ed. 6/26/82 LAST NM N10/90	N26/90	
Substitute	Depth 77 fathoms "Rep (1990)" (PA)		
	for 91 fathoms	31°36.4'N 127°51.0'E	
	(MCNM1021/90)		
<b>E2406</b>	1Ed. 6/26/82 LAST NM N26/90	N31/90	
Add	Fl 37M	30°49.8'N 129°57.9'E	
	(17(570)90 Tokyo)		
<b>E2406</b>	1Ed. 6/26/82 LAST NM N31/90	N34/90	
Substitute	Depth 20 fathoms for 39 fathoms	30°30.5'N 129°29.0'E	
	(18(599)90 Tokyo)		
<b>E2406</b>	1Ed. 6/26/82 LAST NM N34/90	N17/91	
Add	Superbuoy ODAS, yellow	29°30.0'N 124°05.0'E	
	(42(554)90 Hamburg)		
<b>E2406</b>	1Ed. 6/26/82 LAST NM N17/91	N11/93	
Delete	R Bn at lights	32°36.8'N 128°36.5'E	
		30°51.5'N 129°27.9'E	
	(MCC1231/93)		
<b>E2406</b>	1Ed. 6/26/82 LAST NM N11/93	N25/93	
Change	Light to Fl(3) 24M SIREN	34°42.7'N 125°12.3'E	
	(14(134)93 Inchon)		
<b>E2406</b>	1Ed. 6/26/82 LAST NM N25/93	N49/93	
Add	Light		
	Fl 17M	33°43.7'N 126°21.6'E	
	Fl 17M	33°18.5'N 126°09.0'E	
	Fl 18M	34°00.5'N 126°19.8'E	
	Fl 18M	34°22.5'N 125°56.5'E	
	Fl 18M	34°42.8'N 125°24.5'E	
	Fl 18M	34°52.3'N 125°58.2'E	
	(30(310)92, 30(302, 304)93 Inchon)		
<b>E2406</b>	1Ed. 6/26/82 LAST NM N49/93	N45/94	
Change	Visibility (range) of light		
	to 23M	34°06'N 125°06'E	
	(27(291)94 Inchon)		
<b>E2406</b>	1Ed. 6/26/82 LAST NM N45/94	N7/95	
Add	Light Fl 18M	34°11.4'N 127°04.9'E	
		34°45.8'N 125°26.7'E	
	(2(36, 40)95 Inchon)		
<b>E2406</b>	1Ed. 6/26/82 LAST NM N7/95	N22/95	
Add	Danger circle "Spoil Ground"	33°45.7'N 128°53.9'E	
	(13(89)95 Inchon)		
<b>E2406</b>	1Ed. 6/26/82 LAST NM N22/95	N30/95	
Add	Wreck	34°35.9'N 129°37.7'E	
	(25(1065)95 Tokyo)		
<b>E2406</b>	1Ed. 6/26/82 LAST NM N30/95	N34/95	
Change	Light to Fl(2) 8M Racon	34°42'N 125°27'E	
	(21(288)95 Inchon; ROK LL)		
<b>E2406</b>	1Ed. 6/26/82 LAST NM N34/95	N37/95	
Relocate	Superbuoy ODAS (29°30'N 124°05'E) to	29°29.3'N 124°00.0'E	
	(26(2087)95 Taunton)		
<b>E2406</b>	1Ed. 6/26/82 LAST NM N37/95	N47/95	
Add	Wreck	34°54.5'N 128°58.4'E	
	(28(389)95 Inchon)		
<b>E2406</b>	1Ed. 6/26/82 LAST NM N47/95	N2/96	
Add	Wreck "Rep (1995)" (PA)	29°22.4'N 122°29.6'E	
		29°23.9'N 122°36.6'E	
	(15(105)95 Tianjin)		
<b>E2406</b>	1Ed. 6/26/82 LAST NM N2/96	N8/96	
Add	Dangerous wreck (Masts)	34°01.7'N 121°52.4'E	
	(23(153)95 Tianjin)		
<b>E2406</b>	1Ed. 6/26/82 LAST NM N8/96	N27/96	
Add	Wreck	34°33.4'N 129°14.8'E	
	(20(957)96 Tokyo)		
<b>E2406</b>	1Ed. 6/26/82 LAST NM N27/96	N30/96	
Add	Wreck (PA)	34°39.2'N 128°54.9'E	
	(18(356)96 Inchon)		
<b>E2406</b>	1Ed. 6/26/82 LAST NM N30/96	N37/96	
Add	Wreck	34°03.3'N 127°34.7'E	
	(22(393)96 Inchon)		
<b>E2406</b>	1Ed. 6/26/82 LAST NM N37/96	N38/96	
Substitute	Depth 2 fathoms 3 feet for		
	2 fathoms 5 feet	32°08'N 125°12'E	
Add	Wreck	31°24.9'N 125°47.6'E	
	(23(404, 405)96 Inchon)		
<b>E2406</b>	1Ed. 6/26/82 LAST NM N38/96	N41/96	
Add	Dangerous wreck (PA)	34°35.8'N 121°25.8'E	
	(16(142)96 Tianjin)		
<b>E2406</b>	1Ed. 6/26/82 LAST NM N41/96	N42/96	
Add	Dangerous wreck (PA)	34°33'N 129°13'E	
		34°05'N 125°10'E	
	(25(436)96 Inchon)		

<b>E2406</b>	1Ed. 6/26/82	LAST NM N42/96	N9/97		
Delete	Dangerous wreck (Masts)		34°02'N 121°52'E		
Add	Light Fl 12M (2(28)97 Inchon; 23(185)96 Tianjin)		34°56.0'N 128°58.5'E		
<b>E2406</b>	1Ed. 6/26/82	LAST NM N9/97	N19/97		
Add	Dangerous wreck (PA)		30°48.0'N 124°37.0'E		
	Submarine cable joining		33°10.0'N 129°39.0'E 33°02.0'N 129°31.0'E 32°39.0'N 129°29.0'E 32°25.0'N 129°23.0'E 32°24.0'N 129°28.0'E 32°24.0'N 129°23.0'E 32°20.0'N 129°21.0'E 31°47.0'N 128°57.0'E 31°30.0'N 128°55.0'E 31°24.0'N 129°03.0'E 30°53.0'N 128°58.0'E 30°45.0'N 128°50.0'E 29°00.0'N 128°25.0'E		
	(7(289, 294)97 Tokyo)				
<b>E2406</b>	1Ed. 6/26/82	LAST NM N19/97	N25/97		
Add	Submarine cable joining		33°25.6'N 126°58.3'E 33°26.3'N 127°04.9'E 34°00.2'N 127°33.0'E 34°14.5'N 127°31.3'E 34°23.6'N 127°25.0'E 34°29.4'N 127°25.0'E 34°31.0'N 127°27.0'E		
	(3(43)97 Inchon)				
<b>E2406</b>	1Ed. 6/26/82	LAST NM N25/97	N27/97		
Add	Depth 18 meters Wk Wreck (ROK CH 802; 15(223)97 Inchon)		31°26.0'N 124°20.0'E 34°58.2'N 129°17.9'E		
<b>E2406</b>	1Ed. 6/26/82	LAST NM N27/97	N31/97		
Add	Wreck (PA) Wreck Depth 42 fathoms (10(448)96 Tokyo; 11(118, 119)97 Tianjin)		30°43.0'N 123°01.0'E 31°20.6'N 126°53.1'E 29°55.1'N 127°03.0'E		
<b>E2406</b>	1Ed. 6/26/82	LAST NM N31/97	N32/97		
Add	Wreck (19(279)97 Inchon)		33°22.9'N 126°58.5'E		
<b>E2406</b>	1Ed. 6/26/82	LAST NM N32/97	N42/97		
Add	Light Fl 16M (26(391)97 Inchon)		33°55.2'N 126°38.4'E		
<b>E2406</b>	1Ed. 6/26/82	LAST NM N42/97	N46/97		
Add	Wreck (PA) (31(1413), 36(1629)97 Tokyo)		31°21.1'N 126°10.0'E 30°03.5'N 126°08.8'E		
<b>E2406</b>	1Ed. 6/26/82	LAST NM N46/97	N50/97		
Add	Wreck Submarine cable joining		34°07.2'N 125°19.9'E 34°45.8'N 128°39.5'E 34°42.8'N 128°48.4'E 34°33.7'N 128°51.7'E 34°00.2'N 128°30.9'E 32°41.7'N 128°01.8'E 32°31.0'N 128°01.6'E 32°12.7'N 128°03.5'E 30°59.2'N 129°26.9'E 30°57.0'N 130°00.0'E		
	joining		32°12.7'N 128°03.5'E 31°04.7'N 128°05.2'E 30°29.5'N 128°05.7'E 30°09.8'N 128°05.9'E 29°48.6'N 128°00.6'E 29°42.0'N 127°57.0'E		
	(31(473, 474, 477)97 Inchon)				
<b>E2406</b>	1Ed. 6/26/82	LAST NM N50/97	N52/97		
Change	Visibility (range) of light to 17M (32(494)97 Inchon)		34°40.6'N 127°56.9'E		
<b>E2406</b>	1Ed. 6/26/82	LAST NM N52/97	N7/98		
Add	Wreck (PA) (23(231)97 Tianjin)		33°38.3'N 122°33.0'E		
<b>E2406</b>	1Ed. 6/26/82	LAST NM N7/98	N9/98		
Add	Dangerous wreck (3(47)98 Inchon)		34°14.9'N 126°47.1'E		
<b>E2406</b>	1Ed. 6/26/82	LAST NM N9/98	N12/98		
Delete	Wreck (PA) (See N31/97-E2406)		30°43.0'N 123°01.0'E		
Add	Depth 10½ fathoms Wk (14(141)97 Tianjin)		30°43.5'N 122°59.6'E		
<b>E2406</b>	1Ed. 6/26/82	LAST NM N12/98	N16/98		
Add	Wreck (8(131)98 Inchon)		33°57.2'N 127°05.9'E		
<b>E2406</b>	1Ed. 6/26/82	LAST NM N16/98	N28/98		
Add	Wreck (16(274)98 Inchon)		33°59.5'N 127°45.3'E		
<b>E2406</b>	1Ed. 6/26/82	LAST NM N28/98	N32/98		
Delete	R Bn at light (12(522)98 Tokyo)		31°59'N 128°21'E		
<b>E2406</b>	1Ed. 6/26/82	LAST NM N32/98	N37/98		
Add	Dangerous wreck (PA) (14(126)98 Tianjin)		32°40.4'N 122°59.8'E		
<b>E2406</b>	1Ed. 6/26/82	LAST NM N37/98	N47/98		
Add	Wreck (28(462)98 Inchon)		32°26.2'N 127°00.6'E		
<b>E2406</b>	1Ed. 6/26/82	LAST NM N47/98	N52/98		
Delete	Depth 26 fathoms "Rep (1965)" (32(1344)98 Tokyo)		30°33'N 126°18'E		
<b>★E2604</b>	1Ed. 8/27/88	NEW CHART	N48/88		
Add	Wreck (DMAHTC; Cna CH 9705)		19°22.5'N 108°25.0'E 19°23.3'N 108°18.8'E		
<b>E2604</b>	1Ed. 8/27/88	LAST NM N48/88	N18/95		
Delete	Depth 2 fathoms and legend "Well (Obstr)"		17°31'N 109°00'E 17°22'N 109°06'E		
Add	Platform with light flare symbol Dotted-line circle "Well"		17°30.6'N 109°01.5'E 17°23.1'N 109°06.7'E 17°28.6'N 109°04.4'E 17°30.6'N 109°06.5'E		
	Submarine pipeline joining		17°30.6'N 109°01.5'E 18°15.1'N 109°06.4'E 18°18.5'N 109°08.9'E		
	joining (MCC0015/95)		17°30.6'N 109°01.5'E 17°40.0'N 109°29.0'E 17°56.7'N 110°00.0'E		
<b>E2604</b>	1Ed. 8/27/88	LAST NM N18/95	N31/95		
Add	Racon at light (11(71)95 Tianjin)		20°14'N 109°56'E		
<b>E2604</b>	1Ed. 8/27/88	LAST NM N31/95	N36/95		
Add	Depth 16 fathoms Obstn 20 fathoms Obstn Danger circle "Well" (23(1796)95 Taunton)		20°48.0'N 108°42.0'E 20°48.0'N 108°31.0'E 20°41.0'N 108°41.0'E		

<b>E2604</b>	1Ed. 8/27/88	LAST NM N36/95	N34/96		
Substitute	Depth 12 fathoms	Obstr and legend "Steel Pipe"	20°47'N 108°38'E		
Add	Purple dashed-line circle	"Unexploded Ordnance"	21°13.3'N 108°41.1'E		
	Danger circle "Well"		20°45.8'N 108°59.8'E		
	(1(6)96 Tianjin; Cna CH 9320)				
<b>E2604</b>	1Ed. 8/27/88	LAST NM N34/96	N39/96		
Add	Light symbol		20°07.5'N 107°43.4'E		
	(24(46)96 Brest)		21°23.7'N 107°59.6'E		
<b>E2604</b>	1Ed. 8/27/88	LAST NM N39/96	N28/97		
Add	Light symbol		20°15.4'N 106°35.7'E		
	(GIMM047/96)				
<b>E2604</b>	1Ed. 8/27/88	LAST NM N28/97	N30/97		
Add	Light symbol		21°14.2'N 107°57.5'E		
	(GIMM047/96)				
<b>★E2701</b>	1Ed. 6/30/79	NEW CHART	N35/79		
	(DMAHTC)				
<b>E2701</b>	1Ed. 6/30/79	LAST NM N35/79	N52/80		
Delete	Stranded wreck		1°03'N 98°19'E		
	(NVS6266/80)				
<b>E2701</b>	1Ed. 6/30/79	LAST NM N52/80	N5/81		
Add	"Explosives Dumping Area" bound by	purple dashed line joining	0°57'S 99°41'E		
			0°57'S 99°46'E		
			1°00'S 99°46'E		
			1°00'S 99°41'E		
	(43(463)80 Jakarta)				
<b>E2701</b>	1Ed. 6/30/79	LAST NM N5/81	N21/85		
Add	Light Fl 12M		2°32.8'S 101°05.0'E		
	(12(846)85 Taunton)				
<b>E2701</b>	1Ed. 6/30/79	LAST NM N21/85	N25/96		
Add	Light Fl R 12M Racon		1°02.3'S 100°21.1'E		
	(BA CH 2965; BA LL; BA RA)				
<b>E2701</b>	1Ed. 6/30/79	LAST NM N25/96	N7/97		
Add	Light Fl 17M		2°05.8'N 96°36.7'E		
	(GIMM008/97)				
<b>E2701</b>	1Ed. 6/30/79	LAST NM N7/97	N42/97		
Add	Depth		0°41'S 99°44'E		
	19 fathoms		0°17'N 97°56'E		
	24 fathoms		0°21'N 97°55'E		
	29 fathoms				
	(19(1652, 1653)97 Taunton)				
<b>★E2703</b>	1Ed. 8/11/79	NEW CHART	N42/79		
	(DMAHTC)				
<b>E2703</b>	1Ed. 8/11/79	LAST NM N42/79	N36/84		
Add	Light Fl 10M		12°55.6'N 92°59.4'E		
	(14(348)84 Dehra Dun)				
<b>E2703</b>	1Ed. 8/11/79	LAST NM N36/84	N31/89		
Add	Depth 38 fathoms	"Rep (1977)"	12°29'14"N 94°42'41"E		
	(MCNM1077/89)				
<b>E2703</b>	1Ed. 8/11/79	LAST NM N31/89	N44/89		
Add	Depths				
	113 fathoms "Rep (1989)" (PA)		13°28.2'N 94°05.0'E		
	231 fathoms "Rep (1989)" (PA)		12°42.0'N 94°40.0'E		
	52 fathoms "Rep (1989)" (PA)		12°33.0'N 94°47.0'E		
	(MCNM1114/89)				
<b>E2703</b>	1Ed. 8/11/79	LAST NM N44/89	N10/92		
Relocate	R Bn (AERO) close E to		11°40.5'N 92°46.0'E		
	(48(3411)91 Taunton)				
<b>E2703</b>	1Ed. 8/11/79	LAST NM N10/92	N47/95		
Delete	R Bn (AERO)		11°40.5'N 92°46.0'E		
	(BA RA)				
<b>★E2801</b>	1Ed. 9/15/79	NEW CHART	N45/79		
	(DMAHTC)				
<b>★E2802</b>	1Ed. 7/7/79	NEW CHART	N35/79		
	(DMAHTC)				
<b>E2802</b>	1Ed. 7/7/79	LAST NM N35/79	N48/81		
Delete	R Bn (AERO)		6°00.0'N 80°20.0'E		
	(US RA)				
<b>E2802</b>	1Ed. 7/7/79	LAST NM N48/81	N10/97		
Delete	Light		8°31.7'N 81°19.2'E		
	(BA LL)				
<b>★E2804</b>	1Ed. 12/3/83	NEW CHART	N16/84		
Delete	Omega note "All users...propagation	paths." in upper left margin of chart			
	(DMAHTC)				
<b>E2804</b>	1Ed. 12/3/83	LAST NM N16/84	N25/84		
Add	Danger circle with legend	"Unexploded Ordnance (rep 1983)"	17°48.0'N 84°05.0'E		
	(9(226)84 Dehra Dun)				
<b>E2804</b>	1Ed. 12/3/83	LAST NM N25/84	N13/85		
Add	Danger circles with legend	"Unexploded Ordnance (rep 1985)"	17°28.0'N 83°52.5'E		
	(3(111)85 Dehra Dun)		17°28.6'N 83°50.0'E		
<b>E2804</b>	1Ed. 12/3/83	LAST NM N13/85	N41/85		
Add	Danger circle "Unexploded Ordnance"		17°09.0'N 83°51.5'E		
	(11(296)85 Dehra Dun)				
<b>E2804</b>	1Ed. 12/3/83	LAST NM N41/85	N43/87		
Add	Purple dashed-line circle	"Unexploded Ordnance"	17°35.0'N 84°03.0'E		
	(13(332)87 Dehra Dun)				
<b>E2804</b>	1Ed. 12/3/83	LAST NM N43/87	N5/88		
Add	Purple dashed-line circle	"Unexploded Ordnance (rep 1987)"	17°28.0'N 83°53.1'E		
	(19(498)87 Dehra Dun)				
<b>E2804</b>	1Ed. 12/3/83	LAST NM N5/88	N32/89		
Add	Purple dashed-line circle	"Unexploded ordnance (Rep 1989)"	17°22.5'N 83°45.0'E		
	(9(238)89 Dehra Dun)				
<b>E2804</b>	1Ed. 12/3/83	LAST NM N32/89	N35/89		
Add	Purple dashed-line circle	"Unexploded ordnance (Rep 1989)"	17°25.5'N 83°46.7'E		
	(11(283)89 Dehra Dun)				
<b>E2804</b>	1Ed. 12/3/83	LAST NM N35/89	N38/89		
Add	Purple dashed-line circles	"Unexploded Ordnance (rep 1989)"	17°28.4'N 83°45.8'E		
	(12(302), 14(339)89 Dehra Dun)		17°32.3'N 83°49.4'E		
<b>E2804</b>	1Ed. 12/3/83	LAST NM N38/89	N40/91		
Add	Danger circles "Unexploded ordnance"		18°35.2'N 85°12.9'E		
	(MCNM1136/91)		17°28.5'N 83°43.7'E		
			17°49.5'N 84°03.0'E		
<b>E2804</b>	1Ed. 12/3/83	LAST NM N40/91	N49/92		
Delete	R Bn		20°20'N 86°44'E		
Add	R Bn		20°15.4'N 86°39.4'E		
	(9(190)92 Dehra Dun; BA RA)				

<b>E2804</b>	1Ed. 12/3/83	LAST NM N49/92	N15/93	20°45.2'N 68°00.0'E
Add	R Bn		19°15.3'N 84°54.2'E	20°58.2'N 68°02.1'E
	(BA RA)			(1(44), 2(61), 3(90), 4(110)89 Dehra Dun)
<b>E2804</b>	1Ed. 12/3/83	LAST NM N15/93	N28/95	N21/89
Delete	Depth		20°05'N 87°27'E	
	21 fathoms "Rep (1963)"		19°55'N 86°52'E	
	4 fathoms "Rep (1963)"			
	(2(57)95 Dehra Dun)			
<b>★E2902</b>	1Ed. 7/29/78	NEW CHART	N38/78	
	(DMAHTC)			
<b>E2902</b>	1Ed. 7/29/78	LAST NM N38/78	N35/80	
Add	Depth 200 fathoms "Rep (1980)"		4°37.5'N 73°35.7'E	
	(NVS6199/80)			
<b>E2902</b>	1Ed. 7/29/78	LAST NM N35/80	N4/83	
Add	R Bn at light		8°16.1'N 73°01.9'E	
	(US RA)			
<b>E2902</b>	1Ed. 7/29/78	LAST NM N4/83	N10/84	
Delete	R Bn (AERO)		7°11.0'N 79°53.1'E	
	(BA RA)			
<b>E2902</b>	1Ed. 7/29/78	LAST NM N10/84	N51/85	
Add	Light symbols		3°00.5'N 73°00.5'E	
			3°05.5'N 73°37.5'E	
			3°06.5'N 72°52.0'E	
			3°18.4'N 72°59.5'E	
			3°27.9'N 73°45.0'E	
			3°40.5'N 73°24.5'E	
			3°31.0'N 73°16.5'E	
	(16(418)85 Dehra Dun; BA CH 66B)			
<b>E2902</b>	1Ed. 7/29/78	LAST NM N51/85	N2/86	
Add	Depth 49 fathoms "Rep (1985)"		7°38.5'N 72°43.0'E	
	(43(2861)85 Taunton)			
<b>E2902</b>	1Ed. 7/29/78	LAST NM N2/86	N15/96	
Delete	Depth 63 fathoms		7°39.9'N 76°36.5'E	
Add	Depth			
	60 fathoms		7°36.3'N 76°45.3'E	
	69 fathoms		7°37.6'N 76°41.4'E	
	102 fathoms		7°38.4'N 76°37.9'E	
	110 fathoms		7°38.8'N 76°34.2'E	
	400 fathoms		7°40.4'N 76°30.9'E	
	(BA CH 1566)			
<b>E2902</b>	1Ed. 7/29/78	LAST NM N15/96	N28/96	
Add	Depth			
	136 fathoms		7°05.2'N 77°58.8'E	
	268 fathoms		5°13.0'N 73°31.4'E	
	327 fathoms		5°02.2'N 73°31.3'E	
	(20(1705, 1706)96 Taunton)			
<b>E2902</b>	1Ed. 7/29/78	LAST NM N28/96	N40/96	
Add	Depth			
	205 fathoms		7°54'N 78°13'E	
	32 fathoms		7°58'N 78°14'E	
	213 fathoms		7°58'N 78°16'E	
	(BA CH 1587)			
<b>E2902</b>	1Ed. 7/29/78	LAST NM N40/96	N41/97	
Add	Depth 128 fathoms		9°23.7'N 74°39.0'E	
	(13(271)97 Dehra Dun)			
<b>E2902</b>	1Ed. 7/29/78	LAST NM N41/97	N9/98	
Add	Depth 580 fathoms		9°23.9'N 74°36.8'E	
	(GIMM011/98)			
<b>★E2904</b>	1Ed. 7/28/79	NEW CHART	N41/79	
	(DMAHTC)			
<b>E2904</b>	1Ed. 7/28/79	LAST NM N41/79	N19/89	
Add	Purple dashed-line circles			
	"Unexploded ordnance (Rep 1988)"		20°46.3'N 69°00.3'E	
			21°11.0'N 68°35.0'E	
<b>E2904</b>	1Ed. 7/28/79	LAST NM N19/89	N21/89	
Add	Purple dashed-line circle			
	"Unexploded ordnance (rep 1988)"		20°45.0'N 68°55.0'E	
	(5(136)89 Dehra Dun)			
<b>E2904</b>	1Ed. 7/28/79	LAST NM N21/89	N24/89	
Add	Purple dashed-line circle			
	"Unexploded ordnance (Rep 1989)"		17°11.1'N 71°29.0'E	
	(6(156)89 Dehra Dun)			
<b>E2904</b>	1Ed. 7/28/79	LAST NM N24/89	N40/91	
Add	Danger circles "Unexploded ordnance"			
			17°01.5'N 71°41.0'E	
			18°22.0'N 70°29.0'E	
			17°03.7'N 71°28.2'E	
			19°15.5'N 69°14.7'E	
			17°25.0'N 71°17.0'E	
			21°03.7'N 68°38.5'E	
			21°10.0'N 68°40.1'E	
			20°43.9'N 69°01.3'E	
			20°49.0'N 69°06.5'E	
			21°00.7'N 68°55.1'E	
	(MCNM1136/91)			
<b>E2904</b>	1Ed. 7/28/79	LAST NM N40/91	N11/93	
Delete	R Bn (AERO)		21°38'N 69°40'E	
Add	R Bn			
	(19(358)92 Dehra Dun; BA RA)		21°37.3'N 69°37.2'E	
<b>E2904</b>	1Ed. 7/28/79	LAST NM N11/93	N46/96	
Delete	R Bn (AERO)		22°29'N 70°02'E	
	(BA RA)			
<b>E2904</b>	1Ed. 7/28/79	LAST NM N46/96	N38/97	
Delete	R Bn		18°42.2'N 72°49.2'E	
Add	R Bn (AERO)			
	(25(2161)97 Taunton; BA RA)		19°07.0'N 72°50.1'E	
<b>★E3001</b>	1Ed. 8/8/81	NEW CHART	N39/81	
	(DMAHTC)			
<b>★E3002</b>	1Ed. 8/15/81	NEW CHART	N42/81	
	(DMAHTC)			
<b>★E3004</b>	1Ed. 8/11/79	NEW CHART	N42/79	
	(DMAHTC)			
<b>E3004</b>	1Ed. 8/11/79	LAST NM N42/79	N37/81	
Delete	Depths			
	153 fathoms		19°46.3'N 58°54.8'E	
	142 fathoms		19°52.5'N 58°58.5'E	
	65 fathoms		19°58.5'N 59°02.5'E	
	52 fathoms		20°04.5'N 59°06.4'E	
	65 fathoms		20°24.7'N 59°17.7'E	
	(NVS6481/81)			
<b>E3004</b>	1Ed. 8/11/79	LAST NM N37/81	N1/84	
Change	Legend "Rep (1976)" charted against			
	9-fathom depth to "Rep (1975) PA"		19°16.8'N 58°12.5'E	
	(NVS7141/83)			
<b>E3004</b>	1Ed. 8/11/79	LAST NM N1/84	N9/85	
Change	Light to Fl 16M Racon		22°30.0'N 59°48.0'E	
	(BA LL)			
<b>E3004</b>	1Ed. 8/11/79	LAST NM N9/85	N38/85	
Add	Depths			
	100 fathoms		22°36.6'N 59°37.9'E	
	300 fathoms		22°36.8'N 59°38.0'E	
	400 fathoms		22°37.0'N 59°38.1'E	
	550 fathoms		22°37.4'N 59°38.3'E	
	(HNNM0005/85)			



<b>E3004</b>	1Ed. 8/11/79 LAST NM N38/85 Add Depth 204 fathoms (HNNM 7711/85)	N11/86 19°05.5'N 58°16.3'E	Note "SUBMARINE EXERCISE AREA Submarines exercise frequently, both surfaced and submerged, in the area indicated. A good lookout is to be kept for them when passing through these waters." (34(2817)95 Taunton)	
<b>E3004</b>	1Ed. 8/11/79 LAST NM N11/86 Delete Depth 13 fathoms "Rep (1968)" (16(1320)95 Taunton)	N28/95 19°37'N 58°33'E		26°10'N 68°00'E
<b>E3004</b>	1Ed. 8/11/79 LAST NM N28/95 Add Wreck (PA)  (SMEA005/96)	N32/96 18°14.0'N 57°30.0'E 18°30.0'N 57°50.0'E 19°14.0'N 58°24.0'E 19°38.0'N 58°44.0'E	<b>E3005</b>	1Ed. 9/1/79 LAST NM N46/95 Add Depth 170 fathoms (Pak CH 33)  N8/96 24°45.4'N 61°51.3'E
<b>E3004</b>	1Ed. 8/11/79 LAST NM N32/96 Add Wreck Wreck (PA) (SMEA005/96)	N36/96 22°28.4'N 59°58.6'E 20°58.0'N 59°35.0'E	<b>E3005</b>	1Ed. 9/1/79 LAST NM N8/96 Add Light symbol with R Bn (AERO) (40(3314)95 Taunton)  N13/96 25°04.3'N 61°48.0'E
<b>E3004</b>	1Ed. 8/11/79 LAST NM N36/96 Delete R Bn (AERO) (BA RA)	N5/97 20°41'N 58°54'E	<b>E3005</b>	1Ed. 9/1/79 LAST NM N13/96 Add Depth 54 fathoms Legend "Disused (1996)" (20(1704)96 Taunton; 9/96 Oman)  N28/96 24°50.4'N 63°52.1'E 23°41.0'N 59°05.0'E
<b>★E3005</b>	1Ed. 9/1/79 NEW CHART Add Depths 92 fathoms in 94 fathoms (DMAHTC; 2(123)79 Taunton)	N44/79 25°19.1'N 57°54.8'E 25°18.9'N 57°57.0'E	<b>E3005</b>	1Ed. 9/1/79 LAST NM N28/96 Add "Explosives Dumping Ground Disused (1996)" area bound by purple dashed-line circle, radius 3.5 miles, centered  Light Fl 12s 14M (AERO) Fl 3s 25M Fl 10s 15M (US CH 62032; BA LL)  N10/98 25°03.0'N 56°59.5'E  23°37.6'N 58°35.8'E 24°19.0'N 56°43.0'E 23°51.3'N 58°03.9'E
<b>E3005</b>	1Ed. 9/1/79 LAST NM N44/79 Add Depth 49 fathoms (ED) (NVS6271/80)	N1/81 23°07'N 66°47'E	<b>★E3101</b>	1Ed. 7/11/81 NEW CHART (DMAHTC)  N34/81
<b>E3005</b>	1Ed. 9/1/79 LAST NM N1/81 Delete Depth 49 fathoms (ED) (Supersedes N1/81-E3005) (NVS6328/81)	N11/81 23°07'N 66°47'E	<b>★E3102</b>	2Ed. 3/13/93 NEW EDITION (DMAHTC)  N16/93
<b>E3005</b>	1Ed. 9/1/79 LAST NM N11/81 Add Wreck (PA) (NVS6769/82)	N42/82 25°23'N 57°05'E	<b>★E3201</b>	1Ed. 8/8/81 NEW CHART (DMAHTC)  N39/81
<b>E3005</b>	1Ed. 9/1/79 LAST NM N42/82 Delete R Bn  R Bn (AERO)  (US RA)	N28/84 24°56.1'N 66°56.1'E  24°48.0'N 66°58.2'E 24°53.5'N 67°10.0'E	<b>★E3203</b>	1Ed. 1/28/84 NEW CHART Delete Omega note "All users...propagation paths." in upper left margin of chart  Change Lights to Fl WR 26/22M Oc 23M  Add Wreck (PA)  Legend "Oc R 10M" to lights (AERO)  (DMAHTC; 3(45)84 Brest; BA LL)  N15/84  12°46.0'N 44°59.5'E 12°46.0'N 45°03.7'E  12°08.1'N 43°39.0'E  12°52.0'N 45°00.5'E 12°51.7'N 45°03.0'E
<b>E3005</b>	1Ed. 9/1/79 LAST NM N28/84 Delete R Bn (AERO) (DMAHTC)	N47/85 25°05.0'N 61°49.0'E	<b>E3203</b>	1Ed. 1/28/84 LAST NM N15/84 Add Depth 31 fathoms "Rep (1984)" (PA) (NVS7274/84)  N27/84 12°22.1'N 43°57.5'E
<b>E3005</b>	1Ed. 9/1/79 LAST NM N47/85 Change Lights to Fl 19M (PA) Fl(2) 19M (37(167)87 Karachi)	N47/87 25°01.5'N 61°43.3'E 25°06.1'N 62°23.0'E	<b>E3203</b>	1Ed. 1/28/84 LAST NM N27/84 Substitute Depth 30 fathoms "Rep (1984)" for 60 fathoms (18(1828)84 Hamburg)  N29/84 15°49'N 41°48'E
<b>E3005</b>	1Ed. 9/1/79 LAST NM N47/87 Delete Light  Add Light Fl(3) 19M (32(92)90 Karachi; BA LL)	N49/90 25°12.0'N 63°27.0'E  25°12.3'N 63°29.6'E	<b>E3203</b>	1Ed. 1/28/84 LAST NM N29/84 Add Depth 153 fathoms (44(2877)84 Taunton)  N50/84 11°34.5'N 44°03.0'E
<b>E3005</b>	1Ed. 9/1/79 LAST NM N49/90 Add Depth 109 fathoms "Rep (1994)" (40(120)94 Karachi)	N11/95 24°19'N 65°39'E	<b>E3203</b>	1Ed. 1/28/84 LAST NM N50/84 Add Depth 58 fathoms "Rep (1984)" (4(255)84 Taunton)  N11/85 14°56.0'N 42°19.6'E
<b>E3005</b>	1Ed. 9/1/79 LAST NM N11/95 Add Legend "SUBMARINE EXERCISE AREA (see Note)"	N46/95 25°23'N 58°04'E	<b>E3203</b>	1Ed. 1/28/84 LAST NM N11/85 Add Danger circle "Shoal (rep 1969)"  N19/86 12°07.8'N 52°32.0'E

(continued on next page)

**E3203** (Continued) 19/86  
 Depths  
 186 fathoms 12°10.3'N 51°46.0'E  
 181 fathoms 12°22.6'N 51°19.0'E  
 100 fathoms 12°27.5'N 50°57.5'E  
 96 fathoms 12°06.8'N 50°57.0'E  
 120 fathoms 12°06.4'N 50°52.7'E  
 (9(670)86 Taunton)

**E3203** 1Ed. 1/28/84 LAST NM N19/86 N27/86  
 Add Depth 237 fathoms (PA) 11°54.8'N 44°41.9'E  
 (MCNM7776/86)

**E3203** 1Ed. 1/28/84 LAST NM N27/86 N9/87  
 Delete Depth 34 fathoms "Rep (1975)" (PA) 15°48.5'N 41°30.5'E  
 Add Depths  
 270 fathoms 12°07.5'N 45°37.7'E  
 363 fathoms 12°06.7'N 44°57.7'E  
 158 fathoms 14°49.7'N 42°04.2'E  
 178 fathoms 15°25.6'N 41°57.0'E  
 278 fathoms 15°25.6'N 41°50.7'E  
 218 fathoms 15°49.5'N 41°30.2'E  
 (49(3598, 3599)86 Taunton)

**E3203** 1Ed. 1/28/84 LAST NM N9/87 N40/87  
 Add Depth 52 fathoms (PA) 12°58.0'N 43°10.5'E  
 (24(1776)87 Taunton)

**E3203** 1Ed. 1/28/84 LAST NM N40/87 N22/89  
 Add Depth  
 377 fathoms 11°55.0'N 45°25.0'E  
 295 fathoms 11°54.0'N 45°03.0'E  
 (MCNM1047/89)

**E3203** 1Ed. 1/28/84 LAST NM N22/89 N7/92  
 Add Depth 285 fathoms 11°13.5'N 52°39.0'E  
 (33(2383)86 Taunton)

**E3203** 1Ed. 1/28/84 LAST NM N7/92 N33/93  
 Add Danger circle "Obstn" (PA) 13°01.9'N 46°22.5'E  
 (MCC1265/93)

**E3203** 1Ed. 1/28/84 LAST NM N33/93 N45/93  
 Add Depth 13 fathoms 11°38.5'N 43°43.4'E  
 (24(66)93 Brest)

**E3203** 1Ed. 1/28/84 LAST NM N45/93 N46/95  
 Delete R Bn (AERO) 11°32'N 43°10'E  
 (BA RA)

**E3203** 1Ed. 1/28/84 LAST NM N46/95 N20/97  
 Add Depth 414 fathoms "Rep (1997)" 12°38'N 47°14'E  
 (GIMM C07/97))

★**E3304** 1Ed. 2/11/84 NEW CHART N17/84  
 Delete Omega note "All users...propagation paths:" in lower right margin of chart  
 Lights 19°36.9'N 37°14.5'E  
 19°37.5'N 37°18.0'E  
 19°39.0'N 37°19.9'E  
 Change Lights to  
 Fl(2) WRG 12-8M Racon 21°41.1'N 38°48.9'E  
 Fl(2) 15M 20°54.5'N 37°28.0'E  
 Fl 10M 19°24.0'N 37°55.5'E  
 Fl 10M 18°50.0'N 38°46.0'E  
 Add Light flare symbol to light dot 16°57.5'N 41°20.5'E  
 Light Fl 16M Racon Ra Ref 22°44.7'N 38°37.4'E  
 (DMAHTC; 107/83 SPA; BA LL)

**E3304** 1Ed. 2/11/84 LAST NM N17/84 N50/84  
 Add Depths  
 228 fathoms 16°48.9'N 40°54.5'E  
 295 fathoms 16°45.8'N 40°56.7'E  
 (44(2876)84 Taunton)

**E3304** 1Ed. 2/11/84 LAST NM N50/84 N7/86  
 Add Depths  
 790 meters (PA) 17°33.9'N 40°22.2'E  
 541 meters (PA) 17°13.5'N 40°37.1'E  
 (HNNM7683/86)

**E3304** 1Ed. 2/11/84 LAST NM N7/86 N17/86  
 Add Depth 19 fathoms "Rep (1985)" 16°27.1'N 40°44.7'E  
 (4(281)86 Taunton)

**E3304** 1Ed. 2/11/84 LAST NM N17/86 N9/87  
 Delete Depths  
 790 meters (PA) 17°33.9'N 40°22.2'E  
 541 meters (PA) 17°13.5'N 40°37.1'E  
 (Cancel N7/86-E3304)  
 (HNNM7683/86)

**E3304** 1Ed. 2/11/84 LAST NM N9/87 N26/95  
 Delete Depth  
 19 fathoms "Rep (1985)" 16°27.1'N 40°44.7'E  
 16 fathoms "Rep (1973)" 16°24.3'N 40°49.5'E  
 Add Depth 15 fathoms 16°27.7'N 40°44.4'E  
 (MCC037/95)

**E3304** 1Ed. 2/11/84 LAST NM N26/95 N28/97  
 Add Legend "Reef Rep (1996)"  
 between 17°14.7'N 39°42.0'E  
 17°44.4'N 39°42.3'E  
 (GIMM047/96)

★**E3307** 1Ed. 8/5/89 NEW CHART N50/89  
 Delete Light flare symbol 35°30.6'N 35°46.7'E  
 Relocate Light flare symbol  
 close NW to 36°12.0'N 33°47.0'E  
 close NW 36°08.9'N 33°19.8'E  
 Change Legend "R Bn" to "Aero R Bn" 36°53.0'N 30°47.8'E  
 Add Light flare symbol 36°14.0'N 32°18.4'E  
 36°18.0'N 30°29.2'E  
 (DMAHTC; 17(294-12)89 Rostock; BA RA; BA LL)

★**E3601** 2Ed. 4/29/89 NEW EDITION N26/89  
 Substitute Depth 27 fathoms for  
 42 fathoms "Rep (1970)" 2°35.0'N 8°12.1'E  
 (Previously published N23/89)  
 (DMAHTC)

**E3601** 2Ed. 4/29/89 LAST NM N26/89 N29/93  
 Delete Light 0°38'S 8°42'E  
 (BA LL)

**E3601** 2Ed. 4/29/89 LAST NM N29/93 N36/93  
 Delete R Bn (AERO) 0°22'N 6°42'E  
 (BA RA)

**E3601** 2Ed. 4/29/89 LAST NM N36/93 N29/95  
 Add Depth 37 fathoms (ED) 1°13'S 8°23'E  
 (14(30)95 Brest)

★**E3602** 2Ed. 4/29/89 NEW EDITION N26/89  
 Delete R Bns (AERO) 6°33.0'N 3°21.0'E  
 (PA) 5°36.4'N 5°11.0'E  
 5°21.3'N 5°20.8'E  
 3°45.4'N 8°43.4'E  
 4°05.4'N 9°22.0'E  
 Light flare symbol 6°24.2'N 3°23.5'E  
 Add R Bn (AERO) 6°22.8'N 2°23.9'E  
 Light flare symbol 6°27.5'N 3°24.4'E  
 (DMAHTC; BA CH 1861; BA RA)

**E3602** 2Ed. 4/29/89 LAST NM N26/89 N51/90  
 Delete Depth 9 fathoms 3 feet "ED (1887)" 5°29.0'N 0°35.8'E  
 (34(2403)90 Taunton)

<b>E3602</b>	2Ed. 4/29/89	LAST NM N51/90	N46/96		Light symbol R Bn (AERO)	3°45.2'S 38°35.1'W 3°52.0'S 32°26.0'W
Add	Superbuoy with light flare symbol, WHIS and legend "Zafiro Terminal Storage Tanker"		3°51'N 8°07'E		Lights Fl(2) 20M Fl(3) 21M	5°02.9'S 36°02.1'W 5°29.7'S 35°15.1'W
	"ENTRY RESTRICTED" area bound by purple composite-line circle, radius 4.3 miles, centered on above superbuoy (38(3152)96 Taunton)				Submarine cables joining	8°11.2'S 34°34.2'W 8°09.8'S 34°28.9'W 8°07.5'S 34°12.0'W
<b>★E5104</b>	1Ed. 11/26/83	NEW CHART (DMAHTC)	N9/84		joining	8°12.7'S 34°33.9'W 8°11.6'S 34°18.5'W 8°10.0'S 34°12.0'W
<b>★E5105</b>	1Ed. 12/17/83	NEW CHART Delete Note "All users are...paths;" in right lower margin of chart (DMAHTC)	N10/84	(MCNM1073/91)		
<b>★E5205</b>	1Ed. 1/7/84	NEW CHART (DMAHTC)	N15/84			
<b>★E5303</b>	1Ed. 5/25/85	NEW CHART (DMAHTC)	N40/85			
<b>★E5402</b>	1Ed. 6/21/80	NEW CHART (DMAHTC)	N34/80			
<b>E5402</b>	1Ed. 6/21/80	LAST NM N34/80 Add Stranded wreck (19(173)80 Rio de Janeiro)	N6/81 4°49.1'S 37°03.1'W			N40/91 5°47'S 35°10'W
<b>E5402</b>	1Ed. 6/21/80	LAST NM N6/81 Delete Depth 5 fathoms "Rep (1978)"	N24/81 4°00'S 36°05'W			N18/92 3°43'S 38°28'W
	Add	Depth 5 fathoms "Rep (1980)" (PA) (NV56403, 6404/81)	3°58'S 35°48'W			N20/92 5°10.8'S 35°11.2'W
<b>E5402</b>	1Ed. 6/21/80	LAST NM N24/81 Add Depth 26 fathoms (NV56978/83)	N31/83 3°26.1'S 35°02.8'W			N1/96 6°02.7'S 35°06.8'W
<b>E5402</b>	1Ed. 6/21/80	LAST NM N31/83 Delete R Bn (AERO) at light	N43/83 8°07.9'S 34°56.3'W			N9/96 9°39.6'S 35°43.5'W
	Add	R Bn (AERO) (14(119)83 Rio de Janeiro)	8°03.0'S 34°57.6'W			N34/96 3°10'S 38°06'W 3°18'S 38°12'W
<b>E5402</b>	1Ed. 6/21/80	LAST NM N43/83 Delete Depth 65 fathoms (PD) (17(1276)86 Taunton)	N39/86 4°14.5'S 34°51.2'W			N41/98 5°11'S 35°11'W
<b>E5402</b>	1Ed. 6/21/80	LAST NM N39/86 Add Depth 85 fathoms (MCNM8136/88)	N36/88 3°29.2'S 37°29.5'W			N50/98 7°11'S 34°15'W
<b>E5402</b>	1Ed. 6/21/80	LAST NM N36/88 Delete Depths 5 fathoms 5 fathoms "Rep (1980)" (PA) (27(1940)90 Taunton)	N39/90 3°50.7'S 35°57.7'W 3°58.0'S 35°48.0'W			N34/80 10°39.0'S 36°37.5'W
<b>E5402</b>	1Ed. 6/21/80	LAST NM N39/90 Delete R Bns (AERO)	N8/91 5°11.2'S 37°21.0'W 8°03.0'S 34°57.6'W			N10/91 10°39.0'S 36°37.5'W
		R Bn (AERO) at light Light (AERO)	5°54.4'S 35°14.8'W 8°07.9'S 34°56.3'W			Change Lights to Al Iso WWR 38M L Fl 27M 13°00.8'S 38°32.2'W 14°48.9'S 39°03.0'W
Change	Characteristic of light to L Fl		4°57.2'S 36°52.9'W		Visibility (range) of lights to 39M 15M 21M	10°58.0'S 37°03.4'W 11°25.1'S 37°19.8'W 15°51.8'S 38°54.3'W
	Visibility (range) of lights to 16M 28M 34M		6°57.8'S 34°49.0'W 7°09.2'S 34°47.9'W 9°39.6'S 35°43.5'W		Add Light Fl(2) 27M (Brz LL; 7(89)86 Rio de Janeiro)	16°26.1'S 39°04.2'W
Add	Depths 44 fathoms 12 fathoms		4°44.7'S 35°10.5'W 4°53.0'S 35°01.0'W			
<b>E5402</b>	1Ed. 6/21/80	LAST NM N8/91 Add Light symbol R Bn (AERO)	N46/96			
<b>E5402</b>	1Ed. 6/21/80	LAST NM N8/91 Change Visibility (range) of light to 39M (11(104)91 Rio de Janeiro)	N40/91			
<b>E5402</b>	1Ed. 6/21/80	LAST NM N40/91 Change Light to Fl(2) 43M (1(1)92 Rio de Janeiro)	N18/92			
<b>E5402</b>	1Ed. 6/21/80	LAST NM N18/92 Add Lightship "BF-4" Fl(3) 15s 18M Racon (5(33)92 Rio de Janeiro)	N20/92			
<b>E5402</b>	1Ed. 6/21/80	LAST NM N20/92 Add Light Fl(5) 24M (20(217P)95 Rio de Janeiro)	N1/96			
<b>E5402</b>	1Ed. 6/21/80	LAST NM N1/96 Change Visibility (range) of light to 43/36M (23(253)95 Rio de Janeiro)	N9/96			
<b>E5402</b>	1Ed. 6/21/80	LAST NM N9/96 Add Submarine cable between (SMEA013/96)	N34/96			
<b>E5402</b>	1Ed. 6/21/80	LAST NM N34/96 Delete Lightship "BF-4" (16(142)98 Rio de Janeiro)	N41/98			
<b>E5402</b>	1Ed. 6/21/80	LAST NM N41/98 Add Wreck (Brz CH 20)	N50/98			
<b>★E5403</b>	1Ed. 7/12/80	NEW CHART (DMAHTC)	N34/80			
<b>E5403</b>	1Ed. 7/12/80	LAST NM N34/80 Delete Platform	N10/91			
	Change	Lights to Al Iso WWR 38M L Fl 27M	13°00.8'S 38°32.2'W 14°48.9'S 39°03.0'W			
		Visibility (range) of lights to 39M 15M 21M	10°58.0'S 37°03.4'W 11°25.1'S 37°19.8'W 15°51.8'S 38°54.3'W			
	Add	Light Fl(2) 27M (Brz LL; 7(89)86 Rio de Janeiro)	16°26.1'S 39°04.2'W			
<b>E5403</b>	1Ed. 7/12/80	LAST NM N10/91 Delete Light (5(32)92 Rio de Janeiro)	N20/92			
<b>E5403</b>	1Ed. 7/12/80	LAST NM N20/92 Add Light Fl(3) 23M (7(52)92 Rio de Janeiro)	N23/92			
<b>E5403</b>	1Ed. 7/12/80	LAST NM N23/92 Add Light Fl(5) 26M (13(131P)94 Rio de Janeiro)	N47/94			

**E5403** 1Ed. 7/12/80 LAST NM N47/94 N4/96  
Change Light to Al Fl WR 26/21M 16°26'S 39°04'W  
(20(221)95 Rio de Janeiro)

**E5403** 1Ed. 7/12/80 LAST NM N4/96 N11/98  
Delete R Bn 11°00'S 37°04'W  
(GIMM002/98)

**E5403** 1Ed. 7/12/80 LAST NM N11/98 N36/98  
Delete Light 10°31'S 36°25'W  
(12(89)98 Rio de Janeiro)

**E5403** 1Ed. 7/12/80 LAST NM N36/98 N50/98  
Delete Danger circle "Rep (1920)" 14°41'S 35°57'W

Add Depth 7 1/4 fathoms (ED) 16°00'S 37°52'W  
(Brz CH 20)

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**★E5409** 1Ed. 6/29/85 NEW CHART N40/85  
(DMAHTC)

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**★E5505** 1Ed. 7/5/80 NEW CHART N39/80  
(DMAHTC)

**E5505** 1Ed. 7/5/80 LAST NM N39/80 N2/91  
Add Wreck 24°37.8'S 43°17.3'W  
(19(S217)90 Rio de Janeiro)

**E5505** 1Ed. 7/5/80 LAST NM N2/91 N10/91  
Delete R Bns (AERO) 22°47'S 43°11'W  
25°32'S 48°31'W

Legends  
"Fl 29M" 23°02'S 42°03'W  
"(AERO)" 24°04'S 46°12'W  
"(AERO)" 28°35'S 48°57'W

Light 27°50'S 48°34'W

Substitute Light symbol for position circle 23°04'S 43°09'W  
Note: R Bn remains

Add Legend "(AERO)" to R Bn 25°52.0'S 48°39.0'W  
Wreck 26°29.0'S 42°46.0'W  
R Bn (AERO) 27°41.2'S 48°30.0'W  
(Brz LL; 20(S293)89 Rio de Janeiro)

**E5505** 1Ed. 7/5/80 LAST NM N10/91 N22/91  
Add Wreck 22°36.6'S 40°28.4'W  
(5(26)91 Rio de Janeiro)

**E5505** 1Ed. 7/5/80 LAST NM N22/91 N32/94  
Add Light symbol 23°47'S 45°14'W  
(23(208)93 Rio de Janeiro)

**E5505** 1Ed. 7/5/80 LAST NM N32/94 N17/96  
Add Wreck 26°56.0'S 46°45.0'W  
Light float 26°46.7'S 46°48.2'W  
(7(76), 8(96)95 Rio de Janeiro)

**E5505** 1Ed. 7/5/80 LAST NM N17/96 N19/96  
Add Wreck 25°19'S 44°21'W  
(5(36)96 Rio de Janeiro)

**E5505** 1Ed. 7/5/80 LAST NM N19/96 N22/96  
Add Wreck 25°21.0'S 44°47.5'W  
(7(57)96 Rio de Janeiro)

**E5505** 1Ed. 7/5/80 LAST NM N22/96 N27/96  
Add Wreck 23°53'S 42°30'W  
(9(80)96 Rio de Janeiro)

**E5505** 1Ed. 7/5/80 LAST NM N27/96 N50/98  
Add Buoy Y, pillar with legend "FAD" 27°00.5'S 46°36.9'W  
26°59.2'S 46°24.7'W  
26°53.0'S 46°13.9'W  
26°41.1'S 46°32.2'W  
26°39.6'S 46°16.2'W  
26°39.8'S 45°59.9'W

Caution No. 5 to CAUTIONS note in upper right margin of chart  
"5. Fish Aggregating Devices (FADs) have been established along the coastal waters between Rio de Janeiro and Ilha de Santa Catarina."  
(4(27T)98 Rio de Janeiro)

**★E5506** 1Ed. 5/24/80 NEW CHART N33/80  
(DMAHTC)

**★E5509** 1Ed. 6/1/85 NEW CHART N7/86  
(DMAHTC)

**★E5606** 1Ed. 5/24/80 NEW CHART N31/80  
(DMAHTC)

**E5606** 1Ed. 5/24/80 LAST NM N31/80 N46/80  
Substitute Depth 660 fathoms for 32 fathoms (ED) 34°40'S 51°42'W  
"Rep (1837)"  
(8(81)80 Rio de Janeiro)

**E5606** 1Ed. 5/24/80 LAST NM N46/80 N31/95  
Add Light flare with R Bn symbol 34°39'S 54°09'W  
(Arg LL; BA RA)

**★E5607** 1Ed. 8/9/80 NEW CHART N43/80  
(DMAHTC)

**E5607** 1Ed. 8/9/80 LAST NM N43/80 N17/84  
Add Light Fl 16M 35°27.0'S 57°08.9'W  
(3(11)84 Buenos Aires)

**E5607** 1Ed. 8/9/80 LAST NM N17/84 N28/91  
Change Visibility (range) of light to 26M 38°05'S 57°33'W  
(Arg LL)

**E5607** 1Ed. 8/9/80 LAST NM N28/91 N6/95  
Add Submarine cable joining 35°00.0'S 55°03.5'W  
35°06.9'S 55°05.1'W  
35°12.9'S 55°03.8'W  
35°16.9'S 55°01.7'W  
35°27.4'S 54°56.4'W  
35°28.6'S 54°56.8'W  
35°49.2'S 55°35.6'W

joining 35°28.6'S 54°56.8'W  
35°28.0'S 54°54.8'W  
35°26.6'S 53°40.0'W

joining 35°19.8'S 52°47.5'W  
35°16.4'S 52°32.7'W  
35°15.3'S 52°24.4'W  
35°14.5'S 52°21.4'W  
(23(239, 240)94 Buenos Aires)

**E5607** 1Ed. 8/9/80 LAST NM N6/95 N28/95  
Add Wreck 39°17'S 57°06'W  
(24(250)94 Buenos Aires)

**E5607** 1Ed. 8/9/80 LAST NM N28/95 N10/96  
Change Light to Fl 28M 36°18.3'S 56°46.3'W  
Visibility (range) of light to 26M 38°34.0'S 58°41.4'W  
(Arg LL)

**E5607** 1Ed. 8/9/80 LAST NM N10/96 N35/96  
Add Wreck 38°43'S 58°45'W  
(Arg CH H-252)

**E5607** 1Ed. 8/9/80 LAST NM N35/96 N9/97  
Add Foul ground symbol 37°43.2'S 55°11.4'W  
(15(185)96 Buenos Aires)

<b>E5607</b>	1Ed. 8/9/80 LAST NM N9/97 Add Depth 5 fathoms 5 feet Rk Buoy Y, pillar, Fl(5) Y 20s (2(14)97 Montevideo; 5(44)97 Buenos Aires)	N28/97 36°16'S 55°06'W 35°38'S 55°52'W	
<b>★E5608</b>	1Ed. 5/17/80 NEW CHART (DMAHTC)		N30/80
<b>E5608</b>	1Ed. 5/17/80 LAST NM N30/80 Add Depth 43 fathoms (5(63)96 Buenos Aires)	N23/96 40°07.0'S 56°16.5'W	
<b>★E5609</b>	1Ed. 9/17/83 NEW CHART (DMAHTC)		N45/83
<b>★E5610</b>	1Ed. 9/17/83 NEW CHART (DMAHTC)		N45/83
<b>★E5611</b>	1Ed. 7/12/80 NEW CHART (DMAHTC)		N43/80
<b>E5611</b>	1Ed. 7/12/80 LAST NM N43/80 Add Depth 86 fathoms (35(2673)87 Taunton)	N4/88 54°35.0'S 55°18.0'W	
<b>E5611</b>	1Ed. 7/12/80 LAST NM N4/88 Add Depth 269 fathoms (MCNM1106/91)	N25/91 53°38.8'S 50°46.1'W	
<b>E5611</b>	1Ed. 7/12/80 LAST NM N25/91 Add Depth 364 fathoms (33(2794)96 Taunton)	N46/96 54°05.5'S 51°33.0'W	
<b>E5611</b>	1Ed. 7/12/80 LAST NM N46/96 Substitute Depth 212 fathoms for 216 fathoms Add Depth 235 fathoms 235 fathoms 142 fathoms (30(2705)97 Taunton)	N46/97 54°05.1'S 52°14.4'W 54°48.3'S 58°56.9'W 55°00.4'S 57°41.8'W 55°05.5'S 57°28.5'W	
<b>E5611</b>	1Ed. 7/12/80 LAST NM N46/97 Add Depth 126 fathoms 335 fathoms (47(4223)97 Taunton)	N2/98 53°56.0'S 52°29.0'W 54°03.2'S 51°33.6'W	
<b>★E5612</b>	1Ed. 8/24/85 NEW CHART (DMAHTC)		N48/85
<b>★E5708</b>	1Ed. 8/23/80 NEW CHART (DMAHTC)		N47/80
<b>E5708</b>	1Ed. 8/23/80 LAST NM N47/80 Add Depth 3 fathoms 1 foot (4(8)82 Buenos Aires)	N35/82 42°10.0'S 63°22.0'W	
<b>E5708</b>	1Ed. 8/23/80 LAST NM N35/82 Add Wreck (PA) (1/2(9)83 Buenos Aires)	N38/83 42°55'S 62°30'W	
<b>E5708</b>	1Ed. 8/23/80 LAST NM N38/83 Change Visibility (range) of light to 15M (19(150)83 Buenos Aires)	N5/84 41°09.5'S 63°42.8'W	
<b>E5708</b>	1Ed. 8/23/80 LAST NM N5/84 Change Visibility (range) of light to 11M (8(57)86 Buenos Aires)	N27/86 42°58.5'S 64°19.5'W	
<b>E5708</b>	1Ed. 8/23/80 LAST NM N27/86 Add Depth 38 fathoms (6(52)94 Buenos Aires)	N22/94 42°06'S 61°03'W	
<b>E5708</b>	1Ed. 8/23/80 LAST NM N22/94 Substitute Rock which covers and uncovers enclosed by danger circle for dangerous submerged rock (18(173)94 Buenos Aires)		N51/94 44°29.1'S 65°14.8'W
<b>E5708</b>	1Ed. 8/23/80 LAST NM N51/94 Change Light to Fl(3) 27M R Bn (22(223)94 Buenos Aires)		N7/95 40°46.4'S 62°16.5'W
<b>E5708</b>	1Ed. 8/23/80 LAST NM N7/95 Add Foul ground symbol (3/4(36)97 Buenos Aires)		N17/97 43°31.4'S 61°29.6'W
<b>★E5709</b>	1Ed. 8/30/80 NEW CHART (DMAHTC)		N47/80
<b>E5709</b>	1Ed. 8/30/80 LAST NM N47/80 Add Foul ground symbol Wreck (24(178, 179)82 Buenos Aires)		N38/83 46°23.0'S 67°27.9'W 46°50.0'S 67°33.8'W
<b>E5709</b>	1Ed. 8/30/80 LAST NM N38/83 Add Wreck (4(27)83 Buenos Aires)		N39/83 45°14'S 66°15'W
<b>E5709</b>	1Ed. 8/30/80 LAST NM N39/83 Delete Wreck (See N38/83-E5709) Add Wreck (24(179)82 Buenos Aires)		N40/83 46°50.0'S 67°33.8'W 46°50.0'S 66°33.8'W
<b>E5709</b>	1Ed. 8/30/80 LAST NM N40/83 Add Wreck (PA) (13(110)83 Buenos Aires)		N47/83 45°24.7'S 66°54.0'W
<b>E5709</b>	1Ed. 8/30/80 LAST NM N47/83 Change Light to Gp Fl(2) 16M (16(126)83 Buenos Aires)		N53/83 47°55'S 65°43'W
<b>E5709</b>	1Ed. 8/30/80 LAST NM N53/83 Delete Lights Change Visibility range of light to 14M 12M Light to Fl 11M Characteristic of light to Fl(5) Add Danger circles "Foul" (PA) (HNNM7687/86)		N22/86 45°06.0'S 66°00.0'W 45°12.0'S 66°24.5'W 45°06.2'S 65°24.0'W 47°54.5'S 65°43.0'W 45°13.1'S 66°32.0'W 47°12.0'S 65°45.0'W 47°46.1'S 65°50.0'W 45°44.0'S 67°19.0'W
<b>E5709</b>	1Ed. 8/30/80 LAST NM N22/86 Add Wreck (PA) (5(39)94 Buenos Aires)		N22/94 46°35'S 60°52'W
<b>E5709</b>	1Ed. 8/30/80 LAST NM N22/94 Add Wreck (16(199)96 Buenos Aires)		N6/97 45°38'S 65°03'W
<b>E5709</b>	1Ed. 8/30/80 LAST NM N6/97 Add Danger circle "Foul" (PA) (3/4(36)98 Buenos Aires)		N50/98 45°50.0'S 67°20.0'W
<b>★E5710</b>	1Ed. 8/16/80 NEW CHART (DMAHTC)		N45/80
<b>E5710</b>	1Ed. 8/16/80 LAST NM N45/80 Add Depth 52 fathoms "Rep" (1982)" (7(478)83 Taunton)		N14/83 50°42.5'S 61°40.6'W

**E5710** 1Ed. 8/16/80 LAST NM N14/83 N24/83  
Delete Depths  
7 fathoms 5 feet "Rep (1973)" 50°49.5'S 61°13.7'W  
26 fathoms "Rep (1969)" 50°52.6'S 61°29.7'W  
Add Depths  
5 fathoms 2 feet 50°47.9'S 61°20.1'W  
16 fathoms 50°53.9'S 61°30.8'W  
(10(707)83 Taunton)

**E5710** 1Ed. 8/16/80 LAST NM N24/83 N26/83  
Add Depth 22 fathoms "Rep (1983)" 50°55.6'S 60°58.0'W  
(12(832)83 Taunton)

**E5710** 1Ed. 8/16/80 LAST NM N26/83 N41/83  
Delete Depth 4 fathoms 3 feet 52°32'S 68°30'W  
(6(94)83 Valparaiso)

**E5710** 1Ed. 8/16/80 LAST NM N41/83 N43/83  
Add Depth 24 fathoms "Rep (1983)" 50°58.3'S 60°58.4'W  
(37(2404)83 Taunton)

**E5710** 1Ed. 8/16/80 LAST NM N43/83 N50/83  
Substitute Depth 18 fathoms "Rep (1983)" (PA) N50/83  
for 22 fathoms "Rep (1983)" (PA) 50°55.6'S 60°58.0'W  
(Supersedes N26/83-E5710)  
Add Depth 26 fathoms "Rep (1983)" (PA) 50°54.5'S 61°28.5'W  
(41(2675)83 Taunton)

**E5710** 1Ed. 8/16/80 LAST NM N50/83 N20/84  
Delete Depth 4 fathoms 2 feet 52°31.7'S 68°00.0'W  
(Arg CH 203)

**E5710** 1Ed. 8/16/80 LAST NM N20/84 N30/95  
Add Platform 52°32.9'S 68°18.8'W  
52°34.2'S 68°15.3'W  
(1(5)95 Valparaiso)

**E5710** 1Ed. 8/16/80 LAST NM N30/95 N35/95  
Substitute Depth 2 fathoms Rk for N35/95  
2 fathoms (ED) 52°16.3'S 68°11.1'W  
(7(43)95 Valparaiso)

**E5710** 1Ed. 8/16/80 LAST NM N35/95 N12/97  
Change Light to Fl 21M R Bn 52°23.2'S 68°25.5'W  
(22(171)96 Valparaiso)

**E5710** 1Ed. 8/16/80 LAST NM N12/97 N24/97  
Add Foul ground symbol 52°07'S 66°15'W  
(12(148)96 Buenos Aires)

**E5710** 1Ed. 8/16/80 LAST NM N24/97 N28/97  
Add Foul ground symbol 51°35'S 68°00'W  
(1(6)97 Buenos Aires)

**E5710** 1Ed. 8/16/80 LAST NM N28/97 N50/98  
Add Legend "Oilfield Area (see Note)" 52°45'S 68°12'W  
N50/98  
Note in lower right margin  
of chart "OILFIELD AREAS  
Numerous structures usually carrying  
lights Mo(U) 15s, fog signals Mo(U) 30s,  
unlit objects and submerged obstructions  
sometimes marked by buoys; exist in  
the oilfield area. As these features  
are not all charted, special caution  
should be exercised by vessels  
navigating in the vicinity. Unauthorized  
navigation is prohibited within 500  
meters of all such structures. Tankers  
maneuvering in the vicinity of platforms  
and moorings should be given a wide  
berth."  
(GIMM016/98)

**★E5711** 1Ed. 6/26/80 NEW CHART N42/80  
(DMAHTC)

**E5711** 1Ed. 6/26/80 LAST NM N42/80 N16/96  
Change Visibility (range) of light to  
12M 54°39.5'S 64°08.0'W  
13M 54°39.3'S 65°07.7'W  
8M 54°48.8'S 65°14.0'W  
7M 54°57.3'S 65°58.2'W  
Light to Fl(3) 8M 54°47.3'S 64°43.0'W  
(22(228-231, 234)95 Buenos Aires)

**E5711** 1Ed. 6/26/80 LAST NM N16/96 N24/97  
Add Depth 24 fathoms 54°34'S 64°24'W  
(12(149)96 Buenos Aires)

**E5711** 1Ed. 6/26/80 LAST NM N24/97 N50/98  
Add Buoy pillar, Fl(5) Y 20s 53°40.7'S 67°18.6'W  
(3(4)(38)98 Buenos Aires)

**★E5712** 1Ed. 8/30/80 NEW CHART N47/80  
(DMAHTC)

**E5712** 1Ed. 8/30/80 LAST NM N47/80 N50/91  
Add Light Fl 9M 56°31.6'S 68°43.5'W  
(MCNMI114/91; Chile LL)

**★E5803** 1Ed. 11/22/80 NEW CHART N8/81  
(DMAHTC)

**E5803** 1Ed. 11/22/80 LAST NM N8/81 N9/81  
Substitute Depth 2107 fathoms for 21 fathoms 10°22.0'S 79°24.5'W  
and delete enclosing depth contour  
(24(333)80 Valparaiso)

**E5803** 1Ed. 11/22/80 LAST NM N9/81 N42/91  
Change Visibility (range) of light to 10M 11°23.5'S 77°44.5'W  
Light to Fl 8M 15°33.3'S 74°50.7'W  
(11(48, 50)90 Callao)

**E5803** 1Ed. 11/22/80 LAST NM N42/91 N34/92  
Change Visibility (range) of lights to  
9M 15°33.2'S 74°50.7'W  
9M 15°51.8'S 74°13.7'W  
(5(12, 13)91 Callao)

**E5803** 1Ed. 11/22/80 LAST NM N34/92 N52/94  
Change Light to  
Fl 20M 11°08.6'S 77°37.0'W  
Fl 28M 15°14.6'S 75°15.1'W  
(5(14, 19)94 Callao)

**E5803** 1Ed. 11/22/80 LAST NM N52/94 N18/96  
Delete R Bn (AERO) 11°53.0'S 77°07.5'W  
R Bn (AERO) at light 13°45.0'S 76°13.5'W  
(7(40)95 Callao) 15°21.0'S 75°10.8'W

**E5803** 1Ed. 11/22/80 LAST NM N18/96 N19/96  
Change Visibility (range) of light to 19M 11°23.9'S 77°44.5'W  
Light to Fl(2+1) 19M 13°38.9'S 76°25.0'W  
(8(49, 51)95 Callao; Peru LL)

**E5803** 1Ed. 11/22/80 LAST NM N19/96 N24/97  
Change Characteristic of light to Fl 13°38.9'S 76°25.0'W  
Light to Fl(2+1) 15M 15°51.8'S 74°13.7'W  
(3(23, 24)97 Callao; Peru LL)

**★E5804** 1Ed. 12/6/80 NEW CHART N7/81  
(DMAHTC)

**E5804** 1Ed. 12/6/80 LAST NM N7/81 N14/83  
Delete R Bn (AERO) 20°14'S 70°09'W  
Add R Bn (AERO) 20°34'S 70°10'W  
(21(275)82 Valparaiso)

<b>E5804</b>	1Ed. 12/6/80 LAST NM N14/83 Change Light to Gp Fl Y 14M (10(131)83 Valparaiso)	N42/83 18°28.8'S 70°20.5'W	Add Light Fl 9M Racon (1(3), 2(9)95 Valparaiso)	49°51.3'S 75°35.0'W
<b>E5804</b>	1Ed. 12/6/80 LAST NM N42/83 Change Light to Fl 11M (8(90)86 Valparaiso)	N31/86 22°06.0'S 70°14.9'W	<b>E5810</b> 1Ed. 2/28/81 LAST NM N18/95 Change Light to Fl 25M Racon (50(4165)96 Taunton)	N14/97 52°23.5'S 75°06.0'W
<b>E5804</b>	1Ed. 12/6/80 LAST NM N31/86 Change Light to Fl(2) 17M (10(41)90 Callao)	N42/91 17°41.3'S 71°22.3'W	<b>E5810</b> 1Ed. 2/28/81 LAST NM N14/97 Change Light to Fl 22M Racon (Supersedes-N14/97-E5810) (3(32)97 Valparaiso)	N24/97 52°23.5'S 75°06.0'W
<b>E5804</b>	1Ed. 12/6/80 LAST NM N42/91 Change Visibility (range) of light to 22M (34(2904)94 Taunton)	N45/94 17°41'S 71°22'W	<b>★E5811</b> 1Ed. 8/9/80 NEW CHART (DMAHTC)	N44/80
<b>E5804</b>	1Ed. 12/6/80 LAST NM N45/94 Delete R Bn (AERO) (7(40)95 Callao)	N18/96 17°02.5'S 71°57.5'W	<b>E5811</b> 1Ed. 8/9/80 LAST NM N44/80 Add Depth 50 fathoms (27(1775)84 Taunton)	N36/84 53°11.0'S 75°13.0'W
<b>E5804</b>	1Ed. 12/6/80 LAST NM N18/96 Change Light to Fl 19M (4(22)96 Valparaiso)	N21/96 20°12'S 70°10'W	<b>E5811</b> 1Ed. 8/9/80 LAST NM N36/84 Add Depth 64 fathoms "Rep (1988)" (MCNM8121/88)	N32/88 55°34.5'S 70°44.0'W
<b>★E5807</b>	1Ed. 2/28/81 NEW CHART (DMAHTC)	N18/81	<b>★E5812</b> 1Ed. 2/28/81 NEW CHART (DMAHTC)	N18/81
<b>E5807</b>	1Ed. 2/28/81 LAST NM N18/81 Change Visibility (range) of light to 24M (14(180)86 Valparaiso)	N39/86 36°36.4'S 73°03.0'W	<b>★E5902</b> 1Ed. 2/21/81 NEW CHART (DMAHTC)	N17/81
<b>E5807</b>	1Ed. 2/28/81 LAST NM N39/86 Change Light to Fl 8M (5(31)96 Valparaiso)	N27/96 37°09'S 73°34'W	<b>E5902</b> 1Ed. 2/21/81 LAST NM N17/81 Delete Depths 23 fathoms "(ED)" 135 fathoms (MCNM8141/88)	N36/88 4°57.0'S 82°14.0'W 5°10.0'S 82°04.0'W
<b>E5807</b>	1Ed. 2/28/81 LAST NM N27/96 Change Light to Fl 21M (4(38)97 Valparaiso)	N31/97 35°33.6'S 72°37.4'W	<b>E5902</b> 1Ed. 2/21/81 LAST NM N36/88 Change Visibility (range) of lights to 16M 10M (11(47, 49)90 Callao)	N42/91 3°41.7'S 80°41.6'W 6°28.5'S 80°51.6'W
<b>E5807</b>	1Ed. 2/28/81 LAST NM N31/97 Delete R Bn at light R Bn (9(188)98 Valparaiso)	N51/98 36°36.7'S 73°03.0'W 38°23.2'S 73°52.1'W	<b>E5902</b> 1Ed. 2/21/81 LAST NM N42/91 Add Wreck (8(38)93 Callao)	N23/94 4°15.0'S 81°21.0'W
<b>★E5808</b>	1Ed. 11/8/80 NEW CHART (DMAHTC)	N6/81	<b>E5902</b> 1Ed. 2/21/81 LAST NM N23/94 Change Light to L Fl 20M L Fl 20M (5(16, 17)94 Callao)	N52/94 4°40.0'S 81°19.6'W 5°54.4'S 81°09.8'W
<b>E5808</b>	1Ed. 11/8/80 LAST NM N6/81 Add Depth 179 fathoms (PA) (HNNM7734/86)	N15/86 43°15.6'S 75°14.5'W	<b>E5902</b> 1Ed. 2/21/81 LAST NM N52/94 Add Platform with light flare symbol (1(2)94 Callao)	N30/95 4°18.0'S 81°20.1'W
<b>E5808</b>	1Ed. 11/8/80 LAST NM N15/86 Change Light to Fl 18M Racon (7(86)86 Valparaiso; Chile LL)	N27/86 43°34.5'S 74°50.0'W	<b>E5902</b> 1Ed. 2/21/81 LAST NM N30/95 Delete R Bn at light (1(3)95 Callao)	N31/95 6°56'S 80°43'W
<b>★E5809</b>	1Ed. 2/21/81 NEW CHART (DMAHTC)	N17/81	<b>E5902</b> 1Ed. 2/21/81 LAST NM N31/95 Change Characteristic of light to Fl(3) (8(45)95 Callao)	N15/96 5°54.4'S 81°09.8'W
<b>E5809</b>	1Ed. 2/21/81 LAST NM N17/81 Change Legend "RDF" to "(AERO) RC" at light (BA RA)	N45/97 47°43.2'S 74°53.6'W	<b>E5902</b> 1Ed. 2/21/81 LAST NM N15/96 Change Light to Fl(4) 18M Fl(3) 18M (8(46, 47)95 Callao)	N19/96 6°28.5'S 80°51.6'W 7°25.3'S 79°35.1'W
<b>★E5810</b>	1Ed. 2/28/81 NEW CHART (DMAHTC)	N17/81	<b>E5902</b> 1Ed. 2/21/81 LAST NM N19/96 Delete R Bn (AERO) (SMEA006/96)	N38/96 4°34'S 81°15'W
<b>E5810</b>	1Ed. 2/28/81 LAST NM N17/81 Change Light to Fl(2) 18M Racon (23(149)94 Valparaiso; Chile LL)	N17/95 52°23.5'S 75°06.0'W		
<b>E5810</b>	1Ed. 2/28/81 LAST NM N17/95 Change Light to Fl 14M Racon	N18/95 50°00.9'S 75°21.5'W		

★E5903	1Ed. 11/15/80	NEW CHART (DMAHTC)		N9/81	
★E5907	1Ed. 11/15/80	NEW CHART (DMAHTC)		N8/81	
★E5908	1Ed. 11/29/80	NEW CHART (DMAHTC)		N9/81	
★E5910	1Ed. 6/2/84	NEW CHART (DMAHTC)		N37/84	
★E5911	1Ed. 6/23/84	NEW CHART (DMAHTC)		N37/84	
★E5912	1Ed. 8/10/85	NEW CHART (DMAHTC)		N47/85	
★E6602	1Ed. 7/28/84	NEW CHART (DMAHTC)		N44/84	
★E6603	1Ed. 8/10/85	NEW CHART (DMAHTC)		N48/85	
E6603	1Ed. 8/10/85	LAST NM N48/85		N4/91	
	Add	Depth 186 fathoms (48(3461)90 Taunton)	14°29.0'S 152°15.3'W		
★E6703	1Ed. 8/10/85	NEW CHART (DMAHTC)		N52/85	
E6703	1Ed. 8/10/85	LAST NM N52/85		N38/86	
	Add	Depth 265 fathoms (31(228)86 Auckland)	10°00.7'S 161°05.2'W		
E6703	1Ed. 8/10/85	LAST NM N38/86		N45/86	
	Add	Danger circle "Breakers (rep 1986)" (PA) (37(265)86 Auckland)	13°23'S 166°12'W		
E6703	1Ed. 8/10/85	LAST NM N45/86		N33/93	
	Add	R Bn (AERO) (24(184)93 Auckland)	10°23'S 161°00'W		
E6703	1Ed. 8/10/85	LAST NM N33/93		N4/96	
	Delete	R Bn (AERO) (BA RA)	10°23'S 161°00'W		
★E6704	1Ed. 9/29/84	NEW CHART		N48/84	
	Substitute	Depth 5 fathoms for 1 fathom Note: Legend "ANTIOPE REEF" remains (DMAHTC; 7(34)84 Brest)	18°15.0'S 168°24.0'W		
E6704	1Ed. 9/29/84	LAST NM N48/84		N24/91	
	Add	Legend "PA" to reef (11(74)91 Auckland)	20°01'S 167°48'W		
E6704	1Ed. 9/29/84	LAST NM N24/91		N12/92	
	Change	Legend to "ANTIOPE REEF (BREAKS)"	18°12'S 168°14'W		
	Add	Depth 32 fathoms (48(298)91 Auckland)	19°58'S 167°41'W		
E6704	1Ed. 9/29/84	LAST NM N12/92		N1/94	
	Change	Legend "PA" to "Rep to lie 3 miles NE (1993)" (45(311)93 Auckland)	20°02'S 167°48'W		
E6704	1Ed. 9/29/84	LAST NM N1/94		N39/97	
	Add	Depth 834 fathoms 486 fathoms (33(283)97 Auckland)	21°02.5'S 168°50.0'W 19°11.6'S 169°31.0'W		
★E6802	1Ed. 1/28/84	NEW CHART		N15/84	
	Delete	Omega note "All users...propagation paths." in lower right margin of chart (DMAHTC)			
★E6803	2Ed. 9/29/84	NEW EDITION		N48/84	
	Delete	R Bn (AERO) (DMAHTC)	13°49.5'S 172°01.1'W		
E6803	2Ed. 9/29/84	LAST NM N48/84		N6/86	
	Delete	Depths 23 fathoms 300 fathoms 17 fathoms "Rep (1961)"	13°44.0'S 171°35.5'W 11°57.0'S 173°05.5'W 13°49.0'S 171°20.5'W		
	Substitute	Depth 448 fathoms for 18 fathoms "Rep (1963)" 172 fathoms for 390 fathoms	14°25.0'S 171°19.5'W 12°15.0'S 173°56.5'W		
	Add	Depth 207 fathoms (HNNM7671/86)	13°15.0'S 173°07.2'W		
E6803	2Ed. 9/29/84	LAST NM N6/86		N10/88	
	Add	Depths 123 fathoms "Rep (1977)" (PA) 99 fathoms "Rep (1977)" (PA) (MCNM8064/88)	15°37.0'S 173°38.7'W 16°16.6'S 173°50.5'W		
E6803	2Ed. 9/29/84	LAST NM N10/88		N44/89	
	Add	Depth 310 fathoms (MCNM1115/89)	12°19.0'S 173°54.0'W		
E6803	2Ed. 9/29/84	LAST NM N44/89		N24/91	
	Add	Depth 17 fathoms (MCNM1105/91)	11°41.4'S 178°21.0'W		
E6803	2Ed. 9/29/84	LAST NM N24/91		N1/94	
	Add	Depth 11 fathoms enclosed by danger circle "Rep (1993)"  (11(916)93 Taunton; MCC1292/93)	11°42.8'S 177°52.8'W 10°09.5'S 179°41.8'W		
E6803	2Ed. 9/29/84	LAST NM N1/94		N16/94	
	Substitute	Depth 10 fathoms enclosed by danger circle for 11 fathoms "Rep (1993)" (See N1/94-E6803) (48(54)93 Brest)	10°09.5'S 179°41.8'W		
E6803	2Ed. 9/29/84	LAST NM N16/94		N24/94	
	Add	Depth 177 fathoms (16(123)94 Auckland)	13°02'S 174°57'W		
E6803	2Ed. 9/29/84	LAST NM N24/94		N15/95	
	Add	Depth 14 fathoms 8 fathoms (3(42)93 Auckland)	12°32'S 174°19'W 15°37'S 173°37'W		
E6803	2Ed. 9/29/84	LAST NM N15/95		N41/98	
	Delete	Depth 8 fathoms "Rep (1981)"	16°00'S 179°17'W		
	Add	Depth 6 fathoms (33(2948)98 Taunton)	15°56.2'S 179°17.0'W		
★E6902	1Ed. 9/17/83	NEW CHART		N47/83	
	Delete	R Bns (AERO)  (DMAHTC; US RA)	8°30'S 179°13'E 5°40'S 176°08'E		



<b>★E7002</b>	1Ed. 9/17/83	NEW CHART	N47/83				
	Change	Lights to Fl 12M Fl(3) 8M	9°12'S 160°22'E 9°25'S 160°02'E				
		Visibility (range) of light to 9M (DMAHTC; 22/83 Honiara; Solm LL)	9°19'S 160°20'E				
<b>E7002</b>	1Ed. 9/17/83	LAST NM N47/83	N50/87				
	Add	Submerged rock	9°36.5'S 165°25.0'E 9°36.5'S 165°29.5'E				
		and enclose above rocks by dotted line (limiting danger line) with legend "Breaks (Rep 1987)" (41(3115)87 Taunton)					
<b>E7002</b>	1Ed. 9/17/83	LAST NM N50/87	N25/88				
	Add	Depths 6.3 fathoms 9.5 fathoms (12(970)88 Taunton)	9°50.7'S 166°04.9'E 9°38.0'S 167°31.5'E				
<b>E7002</b>	1Ed. 9/17/83	LAST NM N25/88	N2/90				
	Add	Depth 5¾ fathoms enclosed by danger circle (37(2793)89 Taunton)	9°55.4'S 168°09.7'E				
<b>E7002</b>	1Ed. 9/17/83	LAST NM N2/90	N11/93				
	Delete	Dangerous submerged rock and legend "Brougham Shl (1846)" (PD)	9°29.2'S 165°32.9'E				
		Depth 6 fathoms 3 feet	9°50.7'S 166°04.9'E				
		Blue tint, enclosing dotted-line circle and legend "Patteson...(1871)" (PD)	9°44.1'S 166°06.5'E				
		Depth 4 fathoms and legend "Hollie Jackson Rep"	9°53.0'S 166°39.1'E				
	Change	Legend "(Breaks...1987)" to "Brougham Shl"	9°36.5'S 165°29.5'E				
	Add	Depth 6 fathoms 4 feet with legend "Patteson Shl" (42(3086)92 Taunton)	9°51.0'S 166°05.5'E				
<b>E7002</b>	1Ed. 9/17/83	LAST NM N11/93	N24/97				
	Add	Depth 321 fathoms 199 fathoms "Rep (1981)" (13(1186)97 Taunton)	9°18.2'S 160°36.7'E 8°33.6'S 160°07.6'E				
<b>E7002</b>	1Ed. 9/17/83	LAST NM N24/97	N6/98				
	Add	Depth 128 fathoms (GIMM011/98)	8°21.3'S 160°51.9'E				
<b>★E7102</b>	1Ed. 8/26/78	NEW CHART (DMAHTC)	N45/78				
<b>E7102</b>	1Ed. 8/26/78	LAST NM N45/78	N19/84				
	Add	Depths 267 fathoms "Rep (1979)" 206 fathoms "Rep (1979)" 184 fathoms "Rep (1979)" (NVS7245/84)	5°27'30"S 153°52'30"E 5°38'54"S 154°01'45"E 5°37'58"S 154°06'12"E				
<b>E7102</b>	1Ed. 8/26/78	LAST NM N19/84	N28/84				
	Delete	Danger circle "Shoal (rep 1945)" (PA) (19(636)84 Tokyo)	7°33'S 154°41'E				
<b>E7102</b>	1Ed. 8/26/78	LAST NM N28/84	N17/85				
	Add	Depth 97 fathoms "Rep (184)" (7(111)85 Sydney)	4°08.3'S 152°16.5'E				
<b>E7102</b>	1Ed. 8/26/78	LAST NM N17/85	N20/85				
	Add	Depth 97 fathoms "Rep (1984)" (Cancels N17/85-E7102) (7(111)85 Sydney)	4°08.3'S 152°16.5'E				
<b>E7102</b>	1Ed. 8/26/78	LAST NM N20/85	N39/85				
	Delete	Stranded wreck (30(454)85 Sydney)	6°25.5'S 155°58.2'E				
<b>E7102</b>	1Ed. 8/26/78	LAST NM N39/85	N38/86				
	Delete	Danger circle "Submerged Volcano (rep 1963)" (32(2333)86 Taunton)	8°25.1'S 157°05.5'E				
<b>E7102</b>	1Ed. 8/26/78	LAST NM N38/86	N52/91				
	Substitute	Depth 232 fathoms for 10 fathoms 5 feet "Rep (1971)" (33(418)91 Sydney)	8°57.8'S 152°17.2'E				
<b>E7102</b>	1Ed. 8/26/78	LAST NM N52/91	N8/93				
	Add	Dangerous submerged rock Depth 123 fathoms (39(622)92 Sydney)	9°26.6'S 151°50.3'E 9°20.8'S 152°24.1'E				
<b>E7102</b>	1Ed. 8/26/78	LAST NM N8/93	N6/94				
	Add	Danger circle (45(547)93 Sydney)	8°14.3'S 150°02.0'E				
<b>E7102</b>	1Ed. 8/26/78	LAST NM N6/94	N17/96				
	Delete	Stranded wreck (PA) (11(938)96 Taunton)	6°11'S 159°25'E				
<b>E7102</b>	1Ed. 8/26/78	LAST NM N17/96	N31/96				
	Add	Danger circle  (23(313)96 Wollongong; Aus CH 384)	9°26.3'S 150°04.4'E 9°22.0'S 150°02.9'E 9°20.8'S 150°02.7'E				
<b>E7102</b>	1Ed. 8/26/78	LAST NM N31/96	N24/97				
	Add	Depth 86 fathoms (13(1186)97 Taunton)	8°39.4'S 157°24.7'E				
<b>E7102</b>	1Ed. 8/26/78	LAST NM N24/97	N42/97				
	Add	Depth 14 fathoms (7(182)97 Wollongong)	4°03'S 152°14'E				
<b>E7102</b>	1Ed. 8/26/78	LAST NM N42/97	N6/98				
	Add	Depth 279 fathoms 25 fathoms (GIMM011/98)	7°04.3'S 158°49.9'E 7°58.8'S 159°36.5'E				
<b>E7102</b>	1Ed. 8/26/78	LAST NM N6/98	N17/98				
	Add	Depth 188 fathoms (40(3579)97 Taunton)	8°55.3'S 159°00.6'E				
<b>★E7202</b>	1Ed. 1/20/79	NEW CHART	N13/79				
	Add	Light position symbol (dot) (DMAHTC)	3°22.5'S 143°25.0'E				
<b>E7202</b>	1Ed. 1/20/79	LAST NM N13/79	N40/80				
	Add	Dangerous submerged rock (Aus CH 676)	6°01.1'S 148°08.7'E				
<b>E7202</b>	1Ed. 1/20/79	LAST NM N40/80	N17/81				
	Delete	Stranded wreck (51(717)80 Sydney)	5°13'S 146°59'E				
<b>E7202</b>	1Ed. 1/20/79	LAST NM N17/81	N45/83				
	Add	Depths 107 fathoms "Rep (1983)" 105 fathoms "Rep (1983)" 74 fathoms "Rep (1983)" 11 fathoms "Rep (1983)" (36(607)83 Sydney)	3°37.4'S 144°09.0'E 3°39.9'S 144°16.5'E 3°40.6'S 144°19.9'E 3°42.4'S 144°27.3'E				
<b>E7202</b>	1Ed. 1/20/79	LAST NM N45/83	N51/84				
	Add	Depths 274 fathoms "Rep (1984)" 300 fathoms "Rep (1984)" (40(716)84 Sydney)	5°56.1'S 147°32.2'E 5°40.9'S 147°38.9'E				

**E7202** 1Ed. 1/20/79 LAST NM N51/84 N5/85  
 Add Depths  
 332 fathoms "Rep (1984)" 3°03.7'S 148°03.8'E  
 291 fathoms "Rep (1984)" 3°02.9'S 148°00.8'E  
 312 fathoms "Rep (1984)" 3°00.0'S 147°48.0'E  
 (21(361)84 Sydney)

**★E7202** 1Ed. 1/20/79 LAST NM N5/85 N7/86  
 Add Depths  
 154 fathoms (PA) 6°47.0'S 148°00.3'E  
 244 fathoms (PA) 6°49.5'S 147°25.0'E  
 359 fathoms (PA) 6°48.7'S 147°18.5'E  
 343 fathoms (PA) 6°48.4'S 147°15.6'E  
 (HNNM7682/86)

**E7202** 1Ed. 1/20/79 LAST NM N7/86 N47/86  
 Delete Depth 4 fathoms "Rep (1962)" 9°01'S 145°09'E  
 (38(558)86 Sydney)

**E7202** 1Ed. 1/20/79 LAST NM N47/86 N33/89  
 Add R Bn at light 8°29.5'S 140°22.2'E  
 (23(194)89 Jakarta)

**E7202** 1Ed. 1/20/79 LAST NM N33/89 N8/92  
 Add Depth 50 fathoms "Rep (1991)" 9°49.5'S 144°45.5'E  
 (40(518)91 Sydney)

**E7202** 1Ed. 1/20/79 LAST NM N8/92 N8/93  
 Delete R Bn (AERO) 9°31'S 147°02'E  
 (36(584)92 Sydney)

**E7202** 1Ed. 1/20/79 LAST NM N8/93 N36/93  
 Add Depth  
 7 fathoms 9°11.5'S 146°36.5'E  
 5 fathoms 1 foot 9°13.2'S 146°38.7'E  
 (21(268)93 Sydney)

**E7202** 1Ed. 1/20/79 LAST NM N36/93 N6/94  
 Delete Islet and legend "Rep (1960)" (ED) 5°12'S 149°27'E  
 (21(270)93 Sydney)

**E7202** 1Ed. 1/20/79 LAST NM N6/94 N44/94  
 Substitute Depth 4 fathoms "Rep (1992)" for  
 5 fathoms 1 foot 9°13.2'S 146°38.7'E  
 (33(410)94 Sydney)

**E7202** 1Ed. 1/20/79 LAST NM N44/94 N19/95  
 Delete Depth  
 90 fathoms "Rep (1960)" 3°03'S 147°30'E  
 3 fathoms "Rep (1956)" (PA) 4°56'S 146°40'E  
 Add Depth 166 fathoms 3°03.0'S 147°33.0'E  
 (8(138, 139)95 Taunton)

**E7202** 1Ed. 1/20/79 LAST NM N19/95 N49/95  
 Delete Dashed-line circle, blue tint and  
 legend "Breakers (rep 1977)" 5°07'S 147°08'E  
 (37(439)95 Wollongong)

**E7202** 1Ed. 1/20/79 LAST NM N49/95 N31/96  
 Substitute Danger circle for purple circle 9°10.4'S 149°45.2'E  
 Add Danger circle 9°10.6'S 149°47.3'E  
 9°11.2'S 149°46.2'E  
 9°05.3'S 149°47.7'E  
 9°05.7'S 149°46.9'E  
 (23(313)96 Wollongong; Aus CH 384)

**E7202** 1Ed. 1/20/79 LAST NM N31/96 N40/96  
 Add Danger circle "Well" 9°12'S 144°59'E  
 (21(281)96 Wollongong)

**E7202** 1Ed. 1/20/79 LAST NM N40/96 N43/97  
 Substitute Depth 30 fathoms (SD) for  
 50 fathoms "Rep (1991)" 9°49.5'S 144°45.5'E  
 (15(422)97 Wollongong)

**E7202** 1Ed. 1/20/79 LAST NM N43/97 N50/97  
 Add Depth  
 58 fathoms "Rep (1997)" 3°28.9'S 143°57.7'E  
 64 fathoms "Rep (1997)" 3°29.3'S 143°59.8'E  
 (20(549)97 Wollongong)

**★E7302** 1Ed. 8/26/78 NEW CHART N42/78  
 (DMAHTC)

**E7302** 1Ed. 8/26/78 LAST NM N42/78 N52/82  
 Add Wreck 4°29.2'S 132°39.9'E  
 (37(289)82 Jakarta)

**E7302** 1Ed. 8/26/78 LAST NM N52/82 N35/83  
 Add Fl(3) 16M 4°18.6'S 133°37.1'E  
 (26(1698)83 Taunton)

**E7302** 1Ed. 8/26/78 LAST NM N35/83 N10/85  
 Add Light Fl 12M 8°03.4'S 131°16.3'E  
 (51(460)84 Jakarta)

**E7302** 1Ed. 8/26/78 LAST NM N10/85 N18/90  
 Change Light to Fl(3) 40M 5°18.0'S 132°01.0'E  
 (1(8)90 Jakarta)

**E7302** 1Ed. 8/26/78 LAST NM N18/90 N45/90  
 Add Dotted-line circle, radius 8 miles,  
 with legend "Reef Rep (1990)" centered 8°33.0'S 133°45.0'E  
 (30(420)90 Sydney)

**E7302** 1Ed. 8/26/78 LAST NM N45/90 N6/91  
 Add Dangerous wreck 5°18.1'S 136°36.5'E  
 (43(3098)90 Taunton)

**E7302** 1Ed. 8/26/78 LAST NM N6/91 N44/94  
 Delete Depth 3 fathoms (PA) and legend  
 "Volsella Shoal" 9°52'S 136°13'E  
 (33(413)94 Sydney)

**E7302** 1Ed. 8/26/78 LAST NM N44/94 N17/95  
 Delete Depth 5 fathoms "rep (1949)" (PD) 9°57'S 136°00'E  
 Legend "Duddell Shoal" 9°57'S 136°06'E  
 (6(119)95 Wollongong)

**E7302** 1Ed. 8/26/78 LAST NM N17/95 N46/95  
 Add Racon at light 5°19.8'S 134°34.0'E  
 (BA RA)

**E7302** 1Ed. 8/26/78 LAST NM N46/95 N21/96  
 Delete R Bn 3°40'S 133°45'E  
 (BA RA)

**★E7303** 1Ed. 8/26/78 NEW CHART N46/78  
 (DMAHTC)

**E7303** 1Ed. 8/26/78 LAST NM N46/78 N35/80  
 Add Depths  
 2 fathoms 2 feet "Rep(1980)" 11°28.6'S 133°31.3'E  
 5 fathoms 5 feet "Rep(1980)" 11°05.7'S 132°50.5'E  
 (8(115)80 Sydney)

**E7303** 1Ed. 8/26/78 LAST NM N35/80 N47/81  
 Add Dangerous wreck (PA) 11°39.5'S 134°24.0'E  
 (21(295)81 Sydney)

**E7303** 1Ed. 8/26/78 LAST NM N47/81 N39/83  
 Change Visibility (range) of light to 22M 11°18.5'S 131°46.0'E  
 Add Racon at light 11°00.2'S 136°45.2'E  
 (26(432), 28(464)83 Sydney)

**E7303** 1Ed. 8/26/78 LAST NM N39/83 N32/85  
 Add Depth 1 fathom 4 feet "Rep (1985)" 11°49.5'S 136°26.5'E  
 (26(391)85 Sydney)

<b>E7303</b>	1Ed. 8/26/78	LAST NM N32/85	N8/93	
Add	Depth 6 fathoms 3 feet		11°13.6'S 134°44.7'E	
(41(641)92 Sydney)				
<b>E7303</b>	1Ed. 8/26/78	LAST NM N8/93	N40/93	
Delete	R Bn (AERO)		13°58'S 136°31'E	
(DMAHTC)				
<b>E7303</b>	1Ed. 8/26/78	LAST NM N40/93	N47/95	
Delete	Depth 19 fathoms		14°11'S 137°16'E	
(33(398)95 Wollongong)				
<b>E7303</b>	1Ed. 8/26/78	LAST NM N47/95	N46/96	
Add	Depth 5 fathoms 3 feet		11°12'S 132°47'E	
(30(443)96 Wollongong)				
<b>E7303</b>	1Ed. 8/26/78	LAST NM N46/96	N35/97	
Add	Depth 9 fathoms 2 feet "Rep (1997)"		11°30.7'S 133°51.7'E	
(8(215)97 Wollongong)				
<b>★E7403</b>	1Ed. 8/26/78	NEW CHART	N42/78	
(DMAHTC)				
<b>E7403</b>	1Ed. 8/26/78	LAST NM N42/78	N16/80	
Add	Depth 7 fathoms (unexamined)		11°49'S 124°50'E	
(44(539)79 Sydney)				
<b>E7403</b>	1Ed. 8/26/78	LAST NM N16/80	N19/83	
Substitute	Depth 5 fathoms 4 feet (unexamined)		12°33.2'S 124°02.1'E	
Add	for 6 fathoms 4 feet			
Add	Depths			
	32 fathoms (unexamined)	12°21.4'S	124°13.3'E	
	28 fathoms (unexamined)	12°23.4'S	124°02.2'E	
	15 fathoms (unexamined)	12°24.5'S	123°55.7'E	
	16 fathoms (unexamined)	12°28.0'S	123°42.1'E	
	8 fathoms 3 feet (unexamined)	12°24.1'S	123°32.5'E	
	6 fathoms 2 feet (unexamined)	12°23.2'S	123°28.1'E	
	9 fathoms (unexamined)	12°23.0'S	123°25.3'E	
	6 fathoms 5 feet (unexamined)	12°21.9'S	123°22.1'E	
	8 fathoms 3 feet (unexamined)	12°22.6'S	123°19.9'E	
	14 fathoms (unexamined)	12°20.4'S	123°29.5'E	
	38 fathoms (unexamined)	13°43.0'S	124°29.7'E	
	50 fathoms (unexamined)	13°24.4'S	124°22.8'E	
	9 fathoms 4 feet (unexamined)	13°26.0'S	124°00.9'E	
	41 fathoms (unexamined)	13°23.6'S	123°59.3'E	
	42 fathoms (unexamined)	13°24.4'S	124°10.1'E	
	48 fathoms (unexamined)	13°45.8'S	123°54.8'E	
	48 fathoms (unexamined)	13°57.6'S	124°12.7'E	
(34(455, 456)82 Sydney)				
<b>E7403</b>	1Ed. 8/26/78	LAST NM N19/83	N23/83	
Delete	Depth 16 fathoms		15°26.70'S 122°01.80'E	
Add	Depths			
	36 fathoms (unexamined)	15°13.00'S	122°36.50'E	
	33 fathoms (unexamined)	15°08.40'S	121°58.10'E	
	30 fathoms (unexamined)	15°09.90'S	121°46.00'E	
	28 fathoms (unexamined)	15°14.50'S	121°54.00'E	
	31 fathoms (unexamined)	15°20.00'S	122°12.10'E	
	26 fathoms (unexamined)	15°18.90'S	122°18.00'E	
	31 fathoms (unexamined)	15°20.10'S	122°26.40'E	
	28 fathoms (unexamined)	15°26.30'S	122°55.60'E	
	28 fathoms (unexamined)	15°29.80'S	122°25.45'E	
	28 fathoms (unexamined)	15°25.00'S	122°19.20'E	
	21 fathoms (unexamined)	15°29.90'S	122°15.20'E	
	15 fathoms (unexamined)	15°27.60'S	122°01.60'E	
	17 fathoms (unexamined)	15°29.80'S	121°53.40'E	
	22 fathoms (unexamined)	15°23.60'S	121°47.20'E	
	17 fathoms (unexamined)	15°34.70'S	122°08.20'E	
	18 fathoms (unexamined)	15°37.70'S	122°11.80'E	
	17 fathoms (unexamined)	15°34.30'S	122°08.20'E	
	18 fathoms (unexamined)	15°37.70'S	122°11.80'E	
	18 fathoms (unexamined)	15°39.20'S	122°06.50'E	
	26 fathoms (unexamined)	15°42.40'S	121°52.80'E	
	31 fathoms (unexamined)	15°39.20'S	121°38.40'E	
	23 fathoms (unexamined)	15°45.80'S	121°44.00'E	
	21 fathoms (unexamined)	15°52.10'S	121°52.60'E	
	13 fathoms (unexamined)	15°53.75'S	122°00.60'E	
	35 fathoms (unexamined)	15°58.50'S	121°36.50'E	
	40 fathoms (unexamined)	15°58.70'S	121°28.10'E	
	31 fathoms (unexamined)	15°57.40'S	121°02.30'E	
	28 fathoms (unexamined)	15°49.10'S	121°05.10'E	
(34(457)82 Sydney)				
<b>E7403</b>	1Ed. 8/26/78	LAST NM N23/83	N38/83	
Add	Depths			
	7 fathoms "Rep (1983)"	10°08.5'S	129°32.5'E	
	22 fathoms "Rep (1983)"	10°07.8'S	129°48.2'E	
(25(417)83 Sydney)				
<b>E7403</b>	1Ed. 8/26/78	LAST NM N38/83	N39/83	
Add	Depths			
	14 fathoms "Rep (1982)"	10°01.20'S	127°33.95'E	
	14 fathoms "Rep (1982)"	10°37.15'S	128°13.45'E	
	15 fathoms "Rep (1982)"	10°39.90'S	128°30.10'E	
(26(433)83 Sydney)				
<b>E7403</b>	1Ed. 8/26/78	LAST NM N39/83	N49/83	
Delete	Depths			
	17 fathoms	11°48.5'S	123°17.0'E	
	15 fathoms "Rep (1945)"	11°44.0'S	124°23.5'E	
	13 fathoms "Rep (1965)"	11°43.5'S	124°28.0'E	
	13 fathoms "Rep (1965)"	11°38.9'S	124°20.0'E	
	5 fathoms 3 feet "Rep (1976)"	11°43.9'S	123°59.5'E	
	4 fathoms and legend			
	"Fantome Bank reported to lie 1.6 miles westward (1976)"	11°38.5'S	123°56.9'E	
Add	Depths			
	10 fathoms 4 feet "Rep (1983)"	10°45.2'S	129°16.3'E	
	9 fathoms 1 foot "Rep (1983)"	10°49.9'S	129°09.5'E	
	14 fathoms "Rep (1983)"	10°56.4'S	129°20.1'E	
	12 fathoms "Rep (1983)"	10°50.1'S	129°34.5'E	
	13 fathoms "Rep (1983)"	10°51.6'S	129°43.2'E	
	14 fathoms "Rep (1983)"	10°43.5'S	129°38.7'E	
	14 fathoms "Rep (1983)"	10°37.9'S	129°28.1'E	
	9 fathoms 4 feet "Rep (1983)"	10°43.4'S	129°53.0'E	
	27 fathoms "Rep (1983)"	10°28.8'S	129°31.7'E	
	30 fathoms "Rep (1983)"	10°29.8'S	129°47.3'E	
	33 fathoms "Rep (1983)"	10°25.6'S	129°48.0'E	
	12 fathoms (unexamined)	11°47.5'S	123°17.6'E	
	8 fathoms (unexamined)	11°34.5'S	123°34.4'E	
	11 fathoms (unexamined)	11°34.3'S	123°41.2'E	
	4 fathoms 1 foot (unexamined)	11°44.3'S	123°59.0'E	
	11 fathoms (unexamined)	11°52.6'S	124°23.1'E	
	9 fathoms 4 feet (unexamined)	11°44.2'S	124°24.6'E	
	12 fathoms (unexamined)	11°44.8'S	124°29.2'E	
	9 fathoms (unexamined)	11°41.7'S	124°19.0'E	
	11 fathoms (unexamined)	11°38.1'S	124°21.8'E	
	11 fathoms (unexamined)	11°36.3'S	124°18.4'E	
	11 fathoms (unexamined)	11°35.7'S	124°15.1'E	
	11 fathoms (unexamined)	11°34.2'S	124°12.4'E	
	11 fathoms (unexamined)	11°31.5'S	124°14.5'E	
	11 fathoms (unexamined)	11°31.3'S	124°18.6'E	
	11 fathoms (unexamined)	11°32.6'S	124°19.8'E	
	12 fathoms (unexamined)	11°25.5'S	124°19.3'E	
	12 fathoms (unexamined)	11°15.9'S	124°24.5'E	
	9 fathoms 4 feet (unexamined)	11°13.6'S	124°25.1'E	
	4 fathoms (unexamined) with legend "Fantome Bank"	11°38.5'S	123°55.5'E	
	9 fathoms "Rep (1982)"	13°25.4'S	125°50.6'E	
	13 fathoms "Rep (1982)"	13°57.8'S	125°51.7'E	
	17 fathoms "Rep (1982)"	13°16.4'S	125°47.7'E	
	19 fathoms "Rep (1982)"	13°20.6'S	125°43.2'E	
	21 fathoms "Rep (1982)"	13°16.4'S	125°29.4'E	
	21 fathoms "Rep (1982)"	13°16.3'S	125°38.5'E	
	21 fathoms "Rep (1982)"	13°26.2'S	125°46.0'E	
	42 fathoms "Rep (1982)"	14°41.3'S	122°56.9'E	
(30(503-505), 32(527)83 Sydney)				
<b>E7403</b>	1Ed. 8/26/78	LAST NM N49/83	N51/83	
Add	Depth 169 fathoms "Rep (1983)"		13°33.5'S 123°08.7'E	
(41(678)83 Sydney)				
<b>E7403</b>	1Ed. 8/26/78	LAST NM N51/83	N39/85	
Add	Depth 12 fathoms "Rep (1985)"		11°44.6'S 124°58.2'E	
(30(449)85 Sydney)				
<b>E7403</b>	1Ed. 8/26/78	LAST NM N39/85	N36/86	
Change	Lights to			
	Fl 25M	10°29.1'S	121°50.1'E	
	Fl(3) 20M	10°26.7'S	121°52.4'E	
	Fl(2) 21M	10°44.0'S	123°03.0'E	
	Fl 29M	10°10.0'S	123°35.2'E	
(25(308-310, 312)86 Jakarta)				
<b>E7403</b>	1Ed. 8/26/78	LAST NM N36/86	N1/87	
Add	Depth 13 fathoms "Rep (1986)"		10°28.0'S 128°42.2'E	
(45(635)86 Sydney)				

**E7403** 1Ed. 8/26/78 LAST NM N1/87 N20/91  
Change Light to Fl 13M 10°10.0'S 123°35.2'E  
(7(49)91 Jakarta)

**E7403** 1Ed. 8/26/78 LAST NM N20/91 N33/91  
Add Depth 10 fathoms 1 foot "Rep (1991)" 10°43.1'S 125°56.0'E  
(23(286)91 Sydney)

**E7403** 1Ed. 8/26/78 LAST NM N33/91 N14/92  
Add Depth 16 fathoms (ED) 11°00'S 124°26'E  
(47(598)91 Sydney)

**E7403** 1Ed. 8/26/78 LAST NM N14/92 N50/92  
Change Light to Fl 5s 17M 15°31'S 123°09'E  
(22(349)92 Sydney; BA LL)

**E7403** 1Ed. 8/26/78 LAST NM N50/92 N4/93  
Delete Depth 15 fathoms "Rep (1974)" 11°01'S 125°42'E  
Add Depth 4 fathoms 1 foot "Rep (1992)" 10°58.3'S 125°42.4'E  
(30(487)92 Sydney)

**E7403** 1Ed. 8/26/78 LAST NM N4/93 N38/93  
Delete R Bn at light 14°07'S 123°33'E  
(24(300)93 Sydney)

**E7403** 1Ed. 8/26/78 LAST NM N38/93 N2/94  
Substitute Depth 577 fathoms for 53 fathoms 10°09'S 126°12'E  
(41(493)93 Sydney)

**E7403** 1Ed. 8/26/78 LAST NM N2/94 N38/94  
Relocate Latitude designation "30" close N to 10°30'S 127°00'E  
(DMAHTC)

**E7403** 1Ed. 8/26/78 LAST NM N38/94 N5/96  
Delete Depth 15 fathoms 10°23'S 126°38'E  
17 fathoms 10°29'S 126°35'E  
Substitute Depth 7 fathoms 1 foot for 9 fathoms 2 feet 11°53.4'S 123°19.2'E  
Add Depth 12 fathoms 10°09.9'S 126°44.2'E  
13 fathoms 10°21.9'S 126°37.4'E  
14 fathoms 10°25.7'S 126°35.3'E  
12 fathoms 10°28.7'S 126°33.9'E  
12 fathoms 10°48.7'S 125°44.8'E  
13 fathoms 11°27.4'S 125°13.6'E  
11 fathoms 11°24.8'S 124°30.4'E  
10 fathoms 3 feet 11°32.8'S 123°44.4'E  
(46(559)95 Wollongong)

**E7403** 1Ed. 8/26/78 LAST NM N5/96 N31/96  
Delete Depth 15 fathoms 12°16'S 129°28'E  
Add Depth 8 fathoms 3 feet 12°16.4'S 129°29.3'E  
(23(315)96 Wollongong)

**E7403** 1Ed. 8/26/78 LAST NM N31/96 N39/96  
Add Danger circle "Well" 12°12'S 124°30'E  
(20(269)96 Wollongong)

**E7403** 1Ed. 8/26/78 LAST NM N39/96 N24/97  
Add Danger circle "Well" 10°37.9'S 126°02.4'E  
10°52.7'S 126°35.2'E  
11°02.5'S 126°36.3'E  
11°04.0'S 126°38.8'E  
11°04.5'S 126°34.4'E  
11°01.5'S 126°29.0'E  
10°35.4'S 125°57.4'E  
11°23.3'S 125°44.9'E  
11°56.2'S 125°28.4'E  
11°56.4'S 127°54.7'E  
(37(637)96 Wollongong)

**E7403** 1Ed. 8/26/78 LAST NM N24/97 N28/97  
Add Dotted-line circle "Well" 10°53'S 126°32'E  
10°51'S 126°28'E  
11°07'S 126°36'E  
(4(96)97 Wollongong)

**E7403** 1Ed. 8/26/78 LAST NM N28/97 N43/97  
Add Danger circle "Well" 10°51'S 126°28'E  
(8(218)97 Wollongong)

**E7403** 1Ed. 8/26/78 LAST NM N43/97 N44/97  
Delete Depth 10 fathoms 1 foot "Rep (1991)" 10°43'S 125°56'E  
4 fathoms 10°44'S 125°40'E  
8 fathoms 3 feet 10°54'S 125°38'E  
4 fathoms 1 foot "Rep (1992)" 10°58'S 125°42'E  
10 fathoms 2 feet "Rep (1970)" 11°36'S 124°32'E  
Add Depth 18 fathoms 10°40.2'S 126°25.1'E  
8 fathoms 10°43.0'S 125°56.9'E  
7 fathoms 2 feet 10°42.1'S 125°51.9'E  
7 fathoms 3 feet 10°41.4'S 125°49.6'E  
9 fathoms 4 feet 10°42.5'S 125°49.2'E  
12 fathoms 10°45.4'S 125°44.5'E  
7 fathoms 10°47.4'S 125°43.3'E  
9 fathoms 3 feet 11°30.6'S 125°16.7'E  
7 fathoms 3 feet 11°31.2'S 124°37.2'E  
15 fathoms 11°33.8'S 124°33.1'E  
8 fathoms 4 feet 11°25.0'S 124°31.7'E  
(16(451), 17(479)97 Wollongong)

**E7403** 1Ed. 8/26/78 LAST NM N44/97 N10/98  
Add Danger circle "Wells" 12°48'S 128°27'E  
(37(637)96 Wollongong)

**E7403** 1Ed. 8/26/78 LAST NM N10/98 N33/98  
Substitute Depth 6 3/4 fathoms for 7 fathoms "Rep (1983)" 10°08'S 129°33'E  
(10(259)98 Wollongong)

**E7403** 1Ed. 8/26/78 LAST NM N33/98 N39/98  
Add Depth 5 fathoms 4 feet 11°48.6'S 124°56.7'E  
Danger circle "Well" 11°51.4'S 124°54.2'E  
(21(575), 22(606)97 Wollongong)

**E7403** 1Ed. 8/26/78 LAST NM N39/98 N49/98  
Add Danger circle "Well" 10°35.5'S 126°59.5'E  
11°02.7'S 126°33.0'E  
11°05.8'S 126°44.6'E  
(19(533)98 Wollongong)

**★E7502** 1Ed. 8/26/78 NEW CHART N47/78  
(DMAHTC)

**E7502** 1Ed. 8/26/78 LAST NM N47/78 N6/80  
Add Depth 12 fathoms "Rep (1979)" 6°20'S 111°10'E  
(20(1235)79 Taunton)

**E7502** 1Ed. 8/26/78 LAST NM N6/80 N46/80  
Add Dangerous wreck (PA) 3°51'S 112°36'E  
(27(292)80 Jakarta)

**E7502** 1Ed. 8/26/78 LAST NM N46/80 N48/80  
Add Wreck (PA) 6°19.1'S 115°08.0'E  
(30(326)80 Jakarta)

**E7502** 1Ed. 8/26/78 LAST NM N48/80 N12/81  
Add Depths 42 fathoms 5°43.2'S 116°33.3'E  
27 fathoms 5°41.7'S 116°27.5'E  
29 fathoms 5°34.7'S 116°01.8'E  
15 fathoms 5°17.0'S 114°51.3'E  
17 fathoms 5°40.4'S 116°22.4'E  
(6(327)81 Taunton)

**E7502** 1Ed. 8/26/78 LAST NM N12/81 N36/82  
Add Depth 6 fathoms "Rep (1982)" (PA) 3°44.0'S 117°06.0'E  
(12(747)82 Taunton)

<b>E7502</b>	1Ed. 8/26/78	LAST NM N36/82		N36/83			
Add	Depths						
	7 fathoms "Rep (1983)"		3°17.1'S	117°41.2'E			
	6 fathoms "Rep (1983)"		4°46.8'S	116°38.8'E			
	10 fathoms "Rep (1983)"		5°11.0'S	116°48.6'E			
	(NVS6967/83)						
<b>E7502</b>	1Ed. 8/26/78	LAST NM N36/83		N49/83			
Add	Depth 7 fathoms		4°35.2'S	116°58.3'E			
	(NVS6546/81)						
<b>E7502</b>	1Ed. 8/26/78	LAST NM N49/83		N51/83			
Substitute	Depth 1 fathom 3 feet for 3 fathoms 3 feet		3°04.5'S	117°42.6'E			
Add	Depths						
	15 fathoms		3°06.9'S	118°23.4'E			
	3 fathoms 4 feet		3°37.0'S	117°24.9'E			
	11 fathoms		3°25.3'S	118°01.8'E			
	15 fathoms		3°26.9'S	117°53.5'E			
	13 fathoms		3°28.4'S	117°52.9'E			
	12 fathoms		3°26.3'S	118°04.7'E			
	14 fathoms		3°25.4'S	118°06.5'E			
	16 fathoms		3°26.3'S	117°57.2'E			
	(NVS7123/83)						
<b>E7502</b>	1Ed. 8/26/78	LAST NM N51/83		N2/84			
Add	Light Fl(3) 25M (PA)		8°48.5'S	115°35.6'E			
	(47(3068)83 Taunton)						
<b>E7502</b>	1Ed. 8/26/78	LAST NM N2/84		N5/84			
Add	Depths						
	14 fathoms		3°33.4'S	117°47.2'E			
	12 fathoms		3°34.6'S	117°41.7'E			
	13 fathoms		3°37.9'S	117°39.6'E			
	11 fathoms		3°42.4'S	117°37.0'E			
	(NVS7168/84)						
<b>E7502</b>	1Ed. 8/26/78	LAST NM N5/84		N9/84			
Add	Light Gp Fl 19M		8°24'S	115°43'E			
	(2(111)84 Taunton)						
<b>E7502</b>	1Ed. 8/26/78	LAST NM N9/84		N14/84			
Add	Light Fl 16M		5°06.0'S	117°03.8'E			
	(6(364)84 Taunton)						
<b>E7502</b>	1Ed. 8/26/78	LAST NM N14/84		N36/84			
Delete	Random legend "FI"		5°30.5'S	114°27.6'E			
Change	Light to Fl(3) 35M		5°33.0'S	114°26.0'E			
	(28(1833)84 Taunton; BA LL)						
<b>E7502</b>	1Ed. 8/26/78	LAST NM N36/84		N39/84			
Add	Depths						
	13 fathoms		5°32.4'S	116°09.5'E			
	16 fathoms		5°32.4'S	116°13.8'E			
	(23(201)84 Jakarta)						
<b>E7502</b>	1Ed. 8/26/78	LAST NM N39/84		N43/84			
Add	Depth 7 fathoms 4 feet "Rep (1982)"		3°57.1'S	117°09.8'E			
	(14(132)82 Jakarta)						
<b>E7502</b>	1Ed. 8/26/78	LAST NM N43/84		N2/85			
Add	Danger circles "Unexploded ordnance Rep (1984)"		5°54.5'S	112°18.5'E			
			3°42.0'S	111°02.0'E			
	(38(324), 41(358)84 Jakarta)						
<b>E7502</b>	1Ed. 8/26/78	LAST NM N2/85		N5/85			
Change	Light to Fl R 11M		7°43.0'S	113°13.0'E			
Add	Racon to light		6°56.1'S	112°43.1'E			
	(24(213), 25(219)84 Jakarta)						
<b>E7502</b>	1Ed. 8/26/78	LAST NM N5/85		N6/85			
Change	Light to Fl G 11M, Fl R 4M		7°43.0'S	113°13.0'E			
	(See N5/85-E7502)						
	(25(219), 40(348)84 Jakarta)						
<b>E7502</b>	1Ed. 8/26/78	LAST NM N6/85		N8/85			
Add	Wreck marked by buoy		6°43.8'S	114°16.6'E			
	(50(447)84 Jakarta)						
<b>E7502</b>	1Ed. 8/26/78	LAST NM N8/85		N28/85			
Add	Depth 6 fathoms 5 feet		5°22.3'S	117°40.8'E			
	(HNNM7490/85)						
<b>E7502</b>	1Ed. 8/26/78	LAST NM N28/85		N32/85			
Add	Depth 5 fathoms 1 foot		5°49.3'S	118°29.2'E			
	(HNNM7513/85)						
<b>E7502</b>	1Ed. 8/26/78	LAST NM N32/85		N38/85			
Add	Depths						
	278 fathoms		4°50.7'S	118°25.2'E			
	226 fathoms		4°16.2'S	117°22.5'E			
	143 fathoms		5°03.8'S	118°07.5'E			
	119 fathoms "Rep (1984)" (PA)		8°55.0'S	115°40.0'E			
	310 fathoms "Rep (1984)" (PA)		9°02.0'S	115°52.0'E			
	(HNNM7559/85)						
<b>E7502</b>	1Ed. 8/26/78	LAST NM N38/85		N41/85			
Add	Depth 330 fathoms "Rep (1964)"		4°50'S	118°23'E			
	(HNNM7581/85)						
<b>E7502</b>	1Ed. 8/26/78	LAST NM N41/85		N43/85			
Add	Light Fl 17M		3°30.6'S	111°46.4'E			
	(35(2338)85 Taunton)						
<b>E7502</b>	1Ed. 8/26/78	LAST NM N43/85		N9/86			
Add	Depth 15 fathoms "Rep (1983)" (PA)		5°10'S	116°39'E			
	(HNNM 7690/86)						
<b>E7502</b>	1Ed. 8/26/78	LAST NM N9/86		N15/86			
Add	Depths						
	13 fathoms		5°30'S	116°30'E			
	13 fathoms		5°35'S	116°24'E			
	(4(92)86 Sydney)						
<b>E7502</b>	1Ed. 8/26/78	LAST NM N15/86		N30/86			
Substitute	Depth 5 fathoms for 6 fathoms		8°33.6'S	114°38.8'E			
	(15(195)86 Jakarta)						
<b>E7502</b>	1Ed. 8/26/78	LAST NM N30/86		N40/86			
Add	Depth 373 fathoms "Rep (1983)"		9°29.0'S	110°33.4'E			
	(MCNM7808/86)						
<b>E7502</b>	1Ed. 8/26/78	LAST NM N40/86		N4/87			
Add	Depth 19 fathoms "Rep (1986)"		5°44.0'S	116°24.1'E			
	(45(3303)86 Taunton)						
<b>E7502</b>	1Ed. 8/26/78	LAST NM N4/87		N9/87			
Add	Depths						
	8 fathoms 1 foot		6°08.0'S	118°16.4'E			
	7 fathoms 2 feet		6°07.2'S	118°19.2'E			
	10 fathoms		6°04.3'S	118°17.8'E			
	5 fathoms 3 feet		5°53.0'S	118°32.3'E			
	6 fathoms 4 feet		5°43.6'S	118°12.0'E			
	4 fathoms 1 foot		5°38.3'S	118°18.3'E			
	5 fathoms 1 foot		5°37.0'S	118°20.9'E			
	9 fathoms 2 feet		5°16.5'S	117°32.8'E			
	9 fathoms 4 feet		5°19.3'S	117°30.0'E			
	13 fathoms		5°20.7'S	117°32.5'E			
	9 fathoms 5 feet		5°23.3'S	117°35.4'E			
	8 fathoms 2 feet		5°25.6'S	117°38.8'E			
	7 fathoms 2 feet		5°23.9'S	117°44.7'E			
	5 fathoms 4 feet		5°29.0'S	117°49.0'E			
	5 fathoms 5 feet		5°27.5'S	117°53.2'E			
	19 fathoms		5°44.1'S	117°47.8'E			
	8 fathoms 3 feet		5°32.3'S	117°38.8'E			
	7 fathoms 2 feet		5°33.4'S	117°44.5'E			
	11 fathoms		5°50.2'S	117°03.7'E			
	5 fathoms		5°47.9'S	117°06.8'E			
	13 fathoms		5°43.3'S	117°28.1'E			
	15 fathoms		5°31.7'S	117°32.7'E			
	18 fathoms		5°42.1'S	117°32.1'E			
	18 fathoms		5°41.6'S	117°35.8'E			
	11 fathoms		5°35.1'S	117°31.3'E			
	17 fathoms		5°33.2'S	117°34.1'E			
	5 fathoms		5°53.9'S	117°18.7'E			
	(MCNM7897/87)						

<b>E7502</b>	1Ed. 8/26/78	LAST NM N9/87		N33/89		<b>E7505</b>	1Ed. 7/30/88	LAST NM N44/88		N46/94
Add	R Bn at lights		3°34.1'	118°56.0'E		Delete	R Bn (AERO)		28°47'S	114°39'E
			5°24.2'S	118°26.1'E			(35(441)94 Sydney)			
		(23(191, 192)89 Jakarta)								
<b>E7502</b>	1Ed. 8/26/78	LAST NM N33/89		N4/91		<b>★E7602</b>	1Ed. 9/23/78	NEW CHART		N1/79
Add	Light symbols		5°42.3'S	119°46.5'E			(DMAHTC)			
		(36(236, 237)90 Jakarta)	5°24.8'S	117°56.8'E						
<b>E7502</b>	1Ed. 8/26/78	LAST NM N4/91		N15/91		<b>E7602</b>	1Ed. 9/23/78	LAST NM N1/79		N5/81
Change	Visibility (range) of light to 20M		5°33.0'S	114°26.0'E		Add	"Explosives Dumping Area" bound by purple dashed line joining		8°07'S	109°00'E
	(52(454)90 Jakarta)								8°07'S	109°05'E
								(43(464)80 Jakarta)	8°10'S	109°05'E
									8°10'S	109°00'E
<b>E7502</b>	1Ed. 8/26/78	LAST NM N15/91		N48/94		<b>E7602</b>	1Ed. 9/23/78	LAST NM N5/81		N14/84
Change	Visibility (range) of light to 7M		7°05'S	114°16'E		Add	Depth 232 fathoms		8°23.8'S	109°42.2'E
	(39(3286)94 Taunton)						(6(367)84 Taunton)			
<b>E7502</b>	1Ed. 8/26/78	LAST NM N48/94		N27/95		<b>E7602</b>	1Ed. 9/23/78	LAST NM N14/84		N35/84
Substitute	Dangerous submerged rock for light		7°21.7'S	113°10.1'E		Add	Light Fl(3) 15M		5°55.8'S	104°43.0'E
	(Indo CH 82)						(18(159)84 Jakarta; 37(2395)83 Taunton)			
<b>E7502</b>	1Ed. 8/26/78	LAST NM N27/95		N12/96		<b>E7602</b>	1Ed. 9/23/78	LAST NM N35/84		N14/89
Add	Danger circle "Obstn"		6°21'S	113°01'E		Add	Light Fl(4) 20M		5°21.0'S	102°17.4'E
	(45(3710)95 Taunton)						(4(38)89 Jakarta)			
<b>E7502</b>	1Ed. 8/26/78	LAST NM N12/96		N22/96		<b>E7602</b>	1Ed. 9/23/78	LAST NM N14/89		N43/93
Add	Light Fl 18M		8°22.8'S	113°28.1'E		Delete	Light		5°55'S	104°43'E
	(14(1226)96 Taunton)									
<b>E7502</b>	1Ed. 8/26/78	LAST NM N22/96		N28/96		Change	Light to		5°56'S	104°32'E
Add	"SUBMARINE EXERCISE AREA" bound by purple dashed line joining		7°14.2'S	114°20.5'E			Fl(2) 41M		6°44'S	105°13'E
			7°14.2'S	114°41.0'E			Fl(3) 24M		5°58'S	106°50'E
			7°23.7'S	114°41.0'E		Add	Light Fl 14M R Bn		5°41.5'S	105°42.5'E
			7°23.7'S	114°20.5'E			(BA CH 1653A; BA LL)			
	Dotted-line circle "Well"		7°16.6'S	114°15.2'E		<b>E7602</b>	1Ed. 9/23/78	LAST NM N43/93		N34/96
	(BA CH 945)					Add	Wreck		5°50'S	109°01'E
							(35(236)95 Jakarta)			
<b>E7502</b>	1Ed. 8/26/78	LAST NM N28/96		N40/96		<b>E7602</b>	1Ed. 9/23/78	LAST NM N34/96		N35/96
Add	Wreck		5°45'S	110°57'E		Add	Dangerous wreck		6°07.9'S	108°26.0'E
	(BA CH 3731)						Dangerous wreck (PA)		3°50.0'S	107°19.0'E
							(5(395), 6(500)96 Taunton)			
<b>E7502</b>	1Ed. 8/26/78	LAST NM N40/96		N4/97		<b>E7602</b>	1Ed. 9/23/78	LAST NM N35/96		N39/96
Add	Light Fl 18M		8°12.7'S	116°22.1'E		Add	Dangerous wreck		4°49'S	107°06'E
	(47(3900)96 Taunton)						(18(1542)96 Taunton)			
<b>E7502</b>	1Ed. 8/26/78	LAST NM N4/97		N5/97		<b>E7602</b>	1Ed. 9/23/78	LAST NM N39/96		N3/97
Change	Light to Fl 19M		5°24.2'S	119°11.4'E		Add	Depth		3°35'S	107°19'E
	(BA LL)						5 fathoms		3°47'S	107°10'E
							5 fathoms 4 feet			
							(43(3557)96 Taunton)			
<b>★E7503</b>	1Ed. 7/29/78	NEW CHART		N38/78		<b>E7602</b>	1Ed. 9/23/78	LAST NM N3/97		N9/98
	(DMAHTC)					Add	Danger circle "Obstn" with light symbol		4°40'S	106°36'E
							(38(263)97 Jakarta)			
<b>E7503</b>	1Ed. 7/29/78	LAST NM N38/78		N21/91		<b>E7602</b>	1Ed. 9/23/78	LAST NM N9/98		N50/98
Delete	Danger circle "Obstr (rep 1978)"		13°29'S	115°46'E		Add	Position circle "Pipe rep (1997)" (PA)		4°07.0'S	108°04.5'E
	(7(113)91 Sydney)						(38(3415)97 Taunton)			
<b>★E7504</b>	1Ed. 8/10/85	NEW CHART		N48/85		<b>★E7702</b>	1Ed. 8/26/78	NEW CHART		N42/78
	(DMAHTC)						(DMAHTC)			
<b>E7504</b>	1Ed. 8/10/85	LAST NM N48/85		N52/93		<b>★E7703</b>	1Ed. 8/5/78	NEW CHART		N38/78
Add	Platform		19°39.2'S	115°55.7'E			(DMAHTC)			
	(39(464)93 Sydney)					<b>E7703</b>	1Ed. 8/5/78	LAST NM N38/78		N11/85
						Delete	Depth 8.5 Obstr "Rep (1973)"		13°14.0'S	96°04.8'E
<b>E7504</b>	1Ed. 8/10/85	LAST NM N52/93		N24/94						
Add	Superbuoy SBM with light flare symbol		21°13.4'S	114°38.7'E						
	(14(192)94 Sydney)									
<b>★E7505</b>	1Ed. 7/30/88	NEW CHART		N44/88						
	(DMAHTC)									

(continued on next page)

<b>E7703</b> (Continued)		11/85		Add	Legend "Fl 11M" to light Depth 10 fathoms and legend "Muirfield Seamount" (47(787)84 Sydney)	13°09.0'S 96°10.2'E			15°50.1'S 54°32.0'E 10°08.0'S 51°00.0'E
<b>★E7704</b>	1Ed. 9/29/84 NEW CHART	N48/84		Add	Danger circle "Discol water rep (1981)" (DMAHTC; 28(412)81 Sydney)	17°19'S 97°04'E			
<b>★E7802</b>	1Ed. 1/16/82 NEW CHART (DMAHTC)	N13/82							
<b>★E7803</b>	1Ed. 9/8/84 NEW CHART (DMAHTC)	N3/88							
<b>★E7804</b>	1Ed. 8/4/84 NEW CHART	N41/84		Delete	Depth 70 fathoms "Rep (1981)" (PA) (DMAHTC; NVS7273/84)	18°12'S 88°04'E			
<b>★E7903</b>	1Ed. 3/10/84 NEW CHART (DMAHTC)	N39/84							
<b>★E8002</b>	1Ed. 2/13/82 NEW CHART (DMAHTC)	N15/82							
<b>★E8003</b>	1Ed. 3/31/84 NEW CHART (DMAHTC)	N37/84							
<b>★E8102</b>	1Ed. 5/22/82 NEW CHART	N29/82		Change	Legend "CATALOG 1-N-S" to "CATALOG 1-N-A" in upper right corner of chart (DMAHTC)				
<b>E8102</b>	1Ed. 5/22/82 LAST NM N29/82	N22/85		Add	Depth 10 fathoms 5 feet "Rep (1985)" (11(766)85 Taunton)	6°27.0'S 58°10.0'E			
<b>E8102</b>	1Ed. 5/22/82 LAST NM N22/85	N38/85		Add	Depths 20 fathoms 6°29'S 57°10'E 12 fathoms "Rep (1985)" 6°26'S 58°31'E (30(1984)85 Taunton)				
<b>E8102</b>	1Ed. 5/22/82 LAST NM N38/85	N27/86		Add	Depth 293 fathoms "Rep (1977)" (PA) (MCNM7777/86)	8°07.3'S 59°52.0'E			
<b>E8102</b>	1Ed. 5/22/82 LAST NM N27/86	N37/88		Add	Depth 26 fathoms (28(2125)88 Taunton)	6°42.9'S 56°31.5'E			
<b>E8102</b>	1Ed. 5/22/82 LAST NM N37/88	N34/90		Add	Depth 107 fathoms (9(38)90 Brest)	8°39'S 51°36'E			
<b>E8102</b>	1Ed. 5/22/82 LAST NM N34/90	N11/92		Add	R Bn (AERO) (50(3553)91 Taunton)	7°08.5'S 56°16.2'E			
<b>E8102</b>	1Ed. 5/22/82 LAST NM N11/92	N40/95		Add	Depth 355 fathoms (24(23)95 Brest)	9°15'S 53°00'E			
<b>★E8103</b>	1Ed. 5/5/84 NEW CHART	N37/84		Delete	Light	14°15.1'S 50°09.2'E			
	Relocate				Light close NW to and change visibility (range) to 13M Note: Aero R Bn remains	14°52.6'S 50°15.3'E			
	Change				Lights to FG 5M (AERO) Fl(2) 17M  Visibility (range) of light to 18M	13°21.0'S 50°00.9'E 15°15.8'S 50°27.5'E  15°58.5'S 50°14.0'E			
<b>E8103</b>	1Ed. 5/5/84 LAST NM N37/84	N30/95		Delete	R Bn (AERO) (22(1745)95 Taunton)				14°58'S 50°18'E
<b>★E8104</b>	1Ed. 5/5/84 NEW CHART	N37/84		Delete	Lights				21°13.1'S 48°21.3'E 22°08.0'S 48°01.8'E 22°49.9'S 47°50.0'E
	Change				Characteristic of light to Fl R (DMAHTC; BA LL)				20°09.1'S 57°28.8'E
<b>E8104</b>	1Ed. 5/5/84 LAST NM N37/84	N4/89		Add	R Bn (AERO) (46(3437)88 Taunton)				20°16.8'S 57°20.8'E
<b>E8104</b>	1Ed. 5/5/84 LAST NM N4/89	N11/89		Change	Light to Iso R 10M (BA LL)				20°09.1'S 57°28.8'E
<b>E8104</b>	1Ed. 5/5/84 LAST NM N11/89	N17/95		Change	Visibility (range) of light to 21M 23M (42(37)94 Brest)				20°54'S 55°16'E 20°53'S 55°36'E
<b>E8104</b>	1Ed. 5/5/84 LAST NM N17/95	N35/95		Change	Light to Fl(4) 26M (BA LL; BA RA)				22°07'S 48°02'E
<b>E8104</b>	1Ed. 5/5/84 LAST NM N35/95	N38/96		Delete	R Bn (AERO) (BA RA)				20°26'S 57°41'E
<b>E8104</b>	1Ed. 5/5/84 LAST NM N38/96	N43/97		Add	Legend "CAUTION NO 3"  Caution No. 3 to CAUTIONS note in upper right margin of chart "3. Fish Aggregating Devices (FADs) are present in deep water around Ile de la Reunion. The floats are fitted with multiple orange, red or yellow ball topmarks and a radar reflector. Caution is advised, as the watch circle may have a radius of up to one mile. Users are advised to consult larger scale chart coverage and Sailing Direc- tions for details on FADs." (NIMA; Fr CH 7183, 7222)			21°02'S 55°30'E	
<b>★E8202</b>	1Ed. 1/23/82 NEW CHART (DMAHTC)	N15/82							
<b>E8202</b>	1Ed. 1/23/82 LAST NM N15/82	N42/90		Add	Depth 65 fathoms "Rep (1990)" (MCNM 1021/90)				3°26.7'S 40°07.1'E
<b>★E8305</b>	1Ed. 2/20/82 NEW CHART	N15/82		Add	Note "NOTE "OMEGA" Australia Station G, is under construction and is scheduled to become operational in 1982. Users will be notified by Notice to Mariners and the normal OMEGA information sources when the station begins operation." in right margin of chart (DMAHTC)				
<b>E8305</b>	1Ed. 2/20/82 LAST NM N15/82	N5/83		Change	Light to Fl(2) 15M (45(2745)82 Taunton)				26°51.3'S 32°53.3'E

<b>E8305</b>	1Ed. 2/20/82 LAST NM N5/83 Add Depth 105 fathoms (PA) (36(2358)84 Taunton)	N42/84 28°40'S 32°40'E	Legend "Unexploded Ordnance" (11(64)89 Cape Town)	35°03'S 26°10'E	
<b>E8305</b>	1Ed. 2/20/82 LAST NM N42/84 Add Depth 191 fathoms (PA) (36(2359)84 Taunton)	N43/84 26°25.0'S 34°19.5'E	<b>E8407</b>	1Ed. 5/11/85 LAST NM N5/90 Add Depth 131 fathoms (8(86)96 Cape Town)	N49/96 35°38.3'S 22°34.0'E
<b>E8305</b>	1Ed. 2/20/82 LAST NM N43/84 Add Light Fl 25M R Bn (7(59)85 Cape Town)	N38/85 28°08.9'S 32°33.1'E	<b>E8407</b>	1Ed. 5/11/85 LAST NM N49/96 Add Wreck (PA) (9(104)97 Cape Town)	N50/97 35°11'S 21°00'E
<b>E8305</b>	1Ed. 2/20/82 LAST NM N38/85 Add Depth 110 fathoms (BA CH 2088)	N24/86 28°46.0'S 32°34.5'E	<b>E8407</b>	1Ed. 5/11/85 LAST NM N50/97 Add Platform with light flare symbol Legend "Oribi Oilfield" (6(68)98 Cape Town)	N32/98 35°14.0'S 21°29.9'E 35°13.2'S 21°27.6'E
<b>E8305</b>	1Ed. 2/20/82 LAST NM N24/86 Add Light Fl(4) 25M R Bn (6(57)86 Cape Town)	N35/86 27°33.9'S 32°42.5'E	<b>★E8502</b>	1Ed. 7/19/80 NEW CHART Delete R Bn (AERO) (DMAHTC; BA RA)	N40/80 6°00'S 12°24'E
<b>E8305</b>	1Ed. 2/20/82 LAST NM N35/86 Delete R Bn (AERO) (BA RA)	N34/95 25°52'S 32°36'E	<b>E8502</b>	1Ed. 7/19/80 LAST NM N40/80 Add Platform (6(33)95 Brest)	N18/95 7°12.2'S 12°23.5'E
<b>★E8306</b>	1Ed. 4/20/85 NEW CHART Add "EXPLOSIVES DUMPING AREA" bound by purple dashed-line circle, radius five miles, centered (DMAHTC; 4(40)85 Cape Town)	N26/85 30°28'S 31°21'E	<b>E8502</b>	1Ed. 7/19/80 LAST NM N18/95 Add "OIL FIELD" area bound by purple dashed line joining  (14(1197)95 Taunton)	N28/95 5°11'S 11°32'E 5°16'S 11°38'E 5°18'S 11°32'E
<b>E8306</b>	1Ed. 4/20/85 LAST NM N26/85 Add "Unexploded Ordnance" area bound by purple dashed-line circle, radius 5 miles, centered (11(64)89 Cape Town)	N5/90 30°40'S 32°00'E	<b>E8502</b>	1Ed. 7/19/80 LAST NM N28/95 Add Platform with light flare symbol (26(2154)96 Taunton)	N40/96 5°23'S 11°40'E
<b>E8306</b>	1Ed. 4/20/85 LAST NM N5/90 Add Wreck (10(100)95 Cape Town)	N12/96 30°02'S 31°06'E	<b>★E8503</b>	1Ed. 7/19/80 NEW CHART Add Depth 10 fathoms Rep (1974) (DMAHTC)	N42/80 11°23.5'S 13°29.5'E
<b>★E8406</b>	1Ed. 8/3/85 NEW CHART (DMAHTC)	N47/85	<b>E8503</b>	1Ed. 7/19/80 LAST NM N42/80 Add Depth 83 fathoms (20(1506)87 Taunton)	N28/87 14°23.23'S 12°06.65'E
<b>E8406</b>	1Ed. 8/3/85 LAST NM N47/85 Add "Unexploded Ordnance" area bound by purple dashed-line circle, radius 5 miles, centered  Purple dashed-line arc of a circle, radius 5 miles centered arc joining  Legend "Unexploded Ordnance" (11(64)89 Cape Town)	N5/90 33°30'S 29°00'E  35°00'S 26°10'E 35°00'S 26°04'E 34°55'S 26°10'E 35°00'S 26°16'E  34°57'S 26°10'E	<b>E8503</b>	1Ed. 7/19/80 LAST NM N28/87 Delete Depth 83 fathoms (Supersedes N28/87-E8503) (51(3862)87 Taunton)	N11/88 14°23.23'S 12°06.65'E
<b>E8406</b>	1Ed. 8/3/85 LAST NM N5/90 Delete R Bn (AERO) (BA RA)	N46/96 34°00'S 22°31'E	<b>E8503</b>	1Ed. 7/19/80 LAST NM N11/88 Delete R Bn (AERO) R Bn (AERO) at light (BA RA)	N44/92 12°22'S 13°32'E 12°36'S 13°23'E
<b>E8406</b>	1Ed. 8/3/85 LAST NM N46/96 Add Wreck (PA) (6(75)97 Cape Town)	N33/97 31°39.3'S 29°40.4'E	<b>E8503</b>	1Ed. 7/19/80 LAST NM N44/92 Delete Light (BA LL)	N47/97 10°45.2'S 13°43.1'E
<b>★E8407</b>	1Ed. 5/11/85 NEW CHART (DMAHTC)	N35/85	<b>★E8504</b>	1Ed. 7/26/80 NEW CHART (DMAHTC)	N43/80
<b>E8407</b>	1Ed. 5/11/85 LAST NM N35/85 Add "Unexploded Ordnance" area bound by purple dashed-line circle, radius 5 miles, centered  Purple dashed-line arc of a circle radius 5 miles, centered arc joining	N5/90 36°10'S 24°10'E  35°00'S 26°10'E 35°00'S 26°04'E 35°05'S 26°10'E 35°00'S 26°16'E	<b>E8504</b>	1Ed. 7/26/80 LAST NM N43/80 Delete R Bn (8(44)90 Cape Town)	N43/90 22°10'S 14°17'E
			<b>E8504</b>	1Ed. 7/26/80 LAST NM N43/90 Add Depth 315 fathoms (34(2452)91 Taunton)	N4/92 19°25.7'S 10°06.9'E
			<b>E8504</b>	1Ed. 7/26/80 LAST NM N4/92 Delete R Bn (11(89)94 Cape Town)	N2/95 22°40.5'S 14°31.5'E



<b>E8504</b>	1Ed. 7/26/80	LAST NM N2/95		N6/98		<b>E8507</b>	1Ed. 7/6/85	LAST NM N43/85		N45/86
Add	Wreck (PA)			22°03.0'S	12°48.0'E	Add	Depth 929 fathoms			37°41'S 16°03'E
	(10(111)97 Cape Town)						(9(85)86 Cape Town)			
<b>★E8505</b>	1Ed. 8/16/80	NEW CHART			N45/80	<b>★E8602</b>	1Ed. 9/20/80	NEW CHART		N48/80
	(DMAHTC)						(DMAHTC)			
<b>E8505</b>	1Ed. 8/16/80	LAST NM N45/80			N44/92	<b>E8602</b>	1Ed. 9/20/80	LAST NM N48/80		N18/91
Delete	R Bn (AERO)			28°37'S	13°30'E	Add	Depth 383 fathoms			6°28.0'S 1°12.0'E
	(BA RA)						(7(499)91 Taunton)			
<b>E8505</b>	1Ed. 8/16/80	LAST NM N44/92			N32/98	<b>★E8603</b>	1Ed. 8/16/80	NEW CHART		N45/80
Add	Buoy Y, conical, Fl(5) 15s			28°37.7'S	14°35.2'E		(DMAHTC)			
	(3(40)98 Cape Town)									
<b>★E8506</b>	1Ed. 7/5/80	NEW CHART			N34/80	<b>★800323</b>	1Ed. 10/26/96	NEW CHART		N48/96
	(DMAHTC)					Add	Note in upper right margin of chart			
							“BUOYAGE			
							IALA Buoyage System, Region A, is in			
							effect in the area covered by this			
							chart. See Chart No. 1.”			
							(NIMA)			
<b>E8506</b>	1Ed. 7/5/80	LAST NM N34/80			N36/80	<b>800323</b>	1Ed. 10/26/96	LAST NM N48/96		N49/97
Change	Visibility (range) of lights to			34°21.0'S	18°30.0'E	Add	Depth 3.3 meters			22°17'44"S 150°20'11"E
	34M			34°23.0'S	18°50.5'E		(19(516)97 Wollongong)			
	25M			34°09.0'S	18°19.5'E					
	33M									
	(SAN CH 4)									
<b>E8506</b>	1Ed. 7/5/80	LAST NM N36/80			N53/83	<b>800323</b>	1Ed. 10/26/96	LAST NM N49/97		N21/98
Change	Visibility (range) of light to			33°03.1'S	17°55.0'E	Add	Depth 5.2 meters			22°11'18"S 150°22'29"E
	23M			33°25.8'S	18°05.4'E		(5(138)98 Wollongong)			
	29M			33°48.8'S	18°22.0'E					
	24/12M									
Add	Legend “(Correct through NM 27/80)”					<b>800323</b>	1Ed. 10/26/96	LAST NM N21/98		N17/99
	in lower left margin of chart					Add	Chartlet, depicting changes in			
	(DMAHTC; SAN LL)						hydrography, from Subsection I-2			22°20'00"S 150°32'00"E
							(Aus CH 260)			
<b>E8506</b>	1Ed. 7/5/80	LAST NM N53/83			N50/91	<b>800323</b>	1Ed. 10/26/96	LAST NM N17/99		N32/99
Add	Depths			34°25.5'S	18°02.5'E	Add	Note from Subsection I-2 in right upper margin			
	110 fathoms			34°35.3'S	17°51.5'E		of chart			
	212 fathoms			34°48.2'S	18°05.5'E		(6(176)99 Wollongong)			
	189 fathoms									
	(27(1951)91 Taunton)									
<b>E8506</b>	1Ed. 7/5/80	LAST NM N50/91			N4/92	<b>★800742</b>	1Ed. 8/4/90	NEW CHART		N40/90
Delete	Depths			34°25.5'S	18°02.5'E	Change	Note in upper left margin of chart to			
	110 fathoms			34°35.3'S	17°51.5'E		“BUOYAGE			
	212 fathoms			34°48.2'S	18°05.5'E		IALA Buoyage System (Region B) is			
	189 fathoms						in effect in the area covered by this			
	(Supersedes N50/91-E8506)						chart. See Chart No. 1”			
Add	Depths						(DMAHTC; MCNM1000/90)			
	321 fathoms			34°34.3'S	17°50.0'E	<b>P 800742</b>	1Ed. 8/4/90	LAST NM N40/90		N44/15
	260 fathoms			34°47.2'S	18°03.7'E	Add	Note in center right margin of chart			
	197 fathoms			34°28.0'S	17°55.0'E		“AREA TO BE AVOIDED			
	(34(2453)91 Taunton)						The entire area of this chart is to be avoided by			
							all ships (solely in transit) of 400 gross tons or			
							more to reduce the risk of a marine casualty,			
							resulting pollution and damage to the			
							environment.”			
<b>E8506</b>	1Ed. 7/5/80	LAST NM N4/92			N52/92	<b>800742</b>	1Ed. 8/4/90	LAST NM N44/15		N52/15
Add	Submarine cable joining			33°50.7'S	17°53.0'E	Add	Note in center right margin of chart			
				33°51.2'S	17°51.8'E		“AREA TO BE AVOIDED			
				33°51.6'S	17°50.0'E		The entire area of this chart is to be avoided by			
				33°56.7'S	17°26.2'E		all ships (solely in transit) of 400 gross tons or			
				33°56.9'S	17°22.8'E		more to reduce the risk of a marine casualty,			
				33°57.0'S	17°20.0'E		resulting pollution and damage to the			
							environment.”			
							Note: The above Area to be Avoided has been			
							adopted by IMO and will become effective at			
							0001 GMT on 01 January 2016			
							(NTM0027/2015)			
<b>E8506</b>	1Ed. 7/5/80	LAST NM N52/92			N7/98	<b>800742</b>	1Ed. 8/4/90	LAST NM N44/15		N52/15
Delete	Depth 40 fathoms “Rep (1937)”			30°55.0'S	15°05.6'E	Add	Note in center right margin of chart			
	(39(3484)97 Taunton)						“AREA TO BE AVOIDED			
							The entire area of this chart is to be avoided by			
							all ships (solely in transit) of 400 gross tons or			
							more to reduce the risk of a marine casualty,			
							resulting pollution and damage to the			
							environment.”			
							Note: The above Area to be Avoided has been			
							adopted by IMO			
							(Supersedes N44/15P-800742)			
							(NTM0027/2015)			
<b>E8506</b>	1Ed. 7/5/80	LAST NM N7/98			N32/98	<b>★801066</b>	1Ed. 2/8/14	NEW CHART		N25/14
Add	Wreck (PA)			34°42.6'S	18°08.6'E		(NGA)			
	(4(50)98 Cape Town)									
<b>E8506</b>	1Ed. 7/5/80	LAST NM N32/98			N40/98					
Delete	Legend “PD” from depth 52 fathoms			33°12.5'S	16°36.8'E					
	(6(66)98 Cape Town)									
<b>★E8507</b>	1Ed. 7/6/85	NEW CHART			N43/85					
	(DMAHTC)									

★801208 1Ed. 2/16/13 NEW CHART N25/13  
(NGA)

801208 1Ed. 2/16/13 LAST NM N25/13 N41/15  
Add Buoy "F1" Y, pillar, "X" topmark, Fl Y 10s  
[Q130.6] 25°18'25"N 56°22'46"E  
(5(559)15 Taunton)

801208 1Ed. 2/16/13 LAST NM N41/15 N26/16  
Change Superbuoy SPM to "VOPAK SPM A",  
Mo(A) Y 15s Horn 25°12'44"N 56°23'10"E

Add Superbuoy SPM [L16] "FABCO SPM",  
Mo(J) Y 15s Horn 25°17'06"N 56°24'00"E  
Designation "IPIC SPM 3" and Horn  
to superbuoy SPM 25°14'14"N 56°24'53"E  
Designation "IPIC SPM 2" and Horn  
to superbuoy SPM 25°13'46"N 56°23'43"E  
Designation "IPIC SPM 1" and Horn  
to superbuoy SPM 25°13'06"N 56°24'41"E

Submarine pipeline [L40.1] with legend  
"CAUTION NO 3" joining 25°17'06"N 56°24'00"E  
25°17'32"N 56°23'14"E  
25°17'43"N 56°22'44"E  
25°17'48"N 56°22'24"E  
(14(1465)14 Taunton; UKHO ARCS 3520-0)

801208 1Ed. 2/16/13 LAST NM N26/16 N28/16  
Add Buoy "B15" R, pillar, can topmark, Fl R  
25°12'11"N 56°23'38"E  
Buoy "B13" R, pillar, can topmark, Fl R  
25°12'00"N 56°23'06"E  
Buoy "B12" R, pillar, can topmark, Fl R  
25°11'36"N 56°23'00"E  
Buoy "B11" R, pillar, can topmark, Fl R  
25°10'58"N 56°23'06"E  
Buoy "B10" R, pillar, can topmark, Fl R  
25°10'36"N 56°23'24"E  
Buoy "B14" R, pillar, can topmark, Fl R  
25°10'36"N 56°23'54"E  
"Entry Prohibited" area [N2.2] bound by purple  
composite line joining above buoys  
(44(5439), 46(5644)15 Taunton)

801208 1Ed. 2/16/13 LAST NM N28/16 N37/18  
Delete Green dashed line between 25°09'20"N 56°22'12"E  
25°07'29"N 56°25'46"E

Green dashed line between 25°09'32"N 56°23'29"E  
25°09'43"N 56°29'11"E

Green open-outlined dashed arrow symbol  
25°09'39"N 56°22'51"E

Green open-outlined dashed arrow symbol  
25°09'13"N 56°22'43"E

Green open-outlined dashed arrow symbol  
25°09'05"N 56°25'51"E

Green open-outlined dashed arrow symbol  
25°08'25"N 56°26'31"E

Relocate Legend "Recommended direction of traffic  
flow CAUTION NO 4" from  
25°08'50"N 56°26'38"E to 25°07'45"N 56°25'41"E

Change Caution No. 4 of CAUTIONS note in left upper  
margin of chart to  
"4. Vessels entering and exiting Fujayrah  
should keep the fairway buoy on their port  
side."

Add Designation of buoy "B1" to "B3" 25°09'19"N 56°22'12"E

Add Green heavy dashed line (routing measure  
limit) [M15] between 25°09'19"N 56°22'12"E  
25°07'33"N 56°23'57"E

Green heavy dashed line (routing measure  
limit) [M15] joining 25°09'32"N 56°23'28"E  
25°08'06"N 56°25'37"E  
25°08'05"N 56°27'00"E  
25°08'12"N 56°28'50"E

Green open-outlined dashed arrow indicating  
recommended flow of traffic [M11] oriented  
310° 25°09'13"N 56°23'32"E

Green open-outlined dashed arrow indicating  
recommended flow of traffic [M11] oriented  
310° 25°08'07"N 56°25'11"E

Green open-outlined dashed arrow indicating  
recommended flow of traffic [M11] oriented  
135° 25°09'00"N 56°23'06"E

Green open-outlined dashed arrow indicating  
recommended flow of traffic [M11] oriented  
135° 25°07'53"N 56°24'07"E

Green open-outlined dashed arrow indicating  
recommended flow of traffic [M11] oriented  
271° 25°07'48"N 56°26'38"E

Green open-outlined dashed arrow indicating  
recommended flow of traffic [M11] oriented  
091° 25°07'07"N 56°26'12"E

Buoy "B1" R, can, Q R 25°10'15"N 56°21'54"E  
Buoy "B2" R, can, Q R 25°09'47"N 56°22'03"E  
Buoy "B4" R, can, can topmark, Fl R  
25°07'30"N 56°24'00"E

Buoy "FW" RW, spar, ball topmark Iso 6s  
[Q130.5] 25°08'00"N 56°25'00"E  
(UKHO ARCS 3709-0)

801208 1Ed. 2/16/13 LAST NM N37/18 N38/18  
Add Buoy, pillar 25°18'02"N 56°22'45"E  
Buoy, pillar 25°18'57"N 56°22'47"E  
Buoy, pillar with legend "(4 buoys)"  
25°18'51"N 56°22'49"E

Danger circle "Obstn" [K40] 25°18'50"N 56°22'46"E  
(UKHO ARCS 3709-0)

801208 1Ed. 2/16/13 LAST NM N38/18 N50/18  
Add Chartlet, depicting changes in hydrography,  
topography and aids to navigation, from  
Subsection I-2 25°11'05"N 56°22'54"E  
(UKHO ARCS 3709-0)

801208 1Ed. 2/16/13 LAST NM N50/18 N30/19  
Delete Light "RW" 25°11'07"N 56°22'34"E  
(See N50/18)

Substitute Land tint area for blue tint area joining  
25°10'15"N 56°21'46"E  
25°10'00"N 56°21'46"E  
25°10'00"N 56°21'39"E  
25°10'13"N 56°21'39"E

and delete all hydrography and topography  
within above area

Change Legend to "7.0m (2017)" 25°09'49"N 56°21'46"E

Characteristic of buoy "B8" to Fl R 25°12'00"N 56°23'11"E  
Characteristic of buoy "B5" to Fl R 25°10'41"N 56°23'24"E

Add Solid line (pier) [F14] between 25°09'46"N 56°21'34"E  
25°09'41"N 56°21'34"E

Solid line (pier) [F14] between 25°09'48"N 56°21'37"E  
25°09'40"N 56°21'37"E

Solid line (pier) [F14] between 25°09'47"N 56°21'42"E  
25°09'41"N 56°21'42"E

Light Oc R 3s 22m 7M 25°11'10"N 56°22'36"E  
Buoy "B1" R, can, Fl R 25°09'20"N 56°22'11"E  
(49(5784)18, 17(2044)19 Taunton)

★801243 1Ed. 3/22/14 NEW CHART N30/14  
(NGA)

801243 1Ed. 3/22/14 LAST NM N30/14 N24/19  
Add Submarine cable [L30.1] joining 11°17'41"N 49°12'37"E  
11°21'12"N 49°12'06"E  
11°22'36"N 49°12'36"E

Note in left upper margin of chart  
"SUBMARINE CABLES  
Mariners are advised not to anchor, trawl  
or fish in the vicinity of submarine cables."  
(28(3182)18 Taunton)

★801316 1Ed. 6/30/18 NEW CHART N39/18  
(NGA)

801316 1Ed. 6/30/18 LAST NM N39/18 N46/18  
Add Buoy G, conical 14°38'17"N 120°56'19"E  
(7(36)18 Manila)



<b>801925</b>	(Continued)		24/89	
	front to F	12°42'05"N 61°19'52"W		
	rear to F	12°41'51"N 61°19'46"W		
	Legend to "JACK A DAN ISLAND"	12°29'45"N 61°27'50"W		
	Line 2 of TIDES note in lower right margin of chart to "very much influenced by local causes. It is high water at full and change of the moon at" and line 4 to "stream setting to the westward is aided and accelerated by the westerly equatorial"			
	(DMAHTC; BA LL)			
<b>801925</b>	1Ed. 3/25/89 LAST NM N24/89		N45/90	
Add	Light QR (PA)	12°29'08"N 61°28'52"W		
	(35(2501)90 Taunton)			
<b>801925</b>	1Ed. 3/25/89 LAST NM N45/90		N8/93	
Delete	Buoy	12°39'24"N 61°23'33"W		
Substitute	Beacon YBY, double cone topmark points together, VQ(9) 10s for buoy	12°34'57"N 61°24'42"W		
Add	Buoys			
	R, pillar, cone topmark, Fl R 4s	12°42'20"N 61°20'14"W		
	G, pillar, can topmark, Fl G 4s	12°42'33"N 61°20'13"W		
	BYB, pillar, double cone topmark bases together, VQ(3) 5s	12°39'34"N 61°23'38"W		
	YBY, pillar, double cone topmark points together, VQ(9) 10s	12°38'13"N 61°24'13"W		
	(32(2392)92 Taunton)			
<b>801925</b>	1Ed. 3/25/89 LAST NM N8/93		N23/94	
Delete	Depth 16.8 meters	12°25'51"N 61°30'00"W		
Add	Rock awash	12°25'57"N 61°30'02"W		
	(7(624)94 Taunton; MCC1349/94)	12°25'48"N 61°30'02"W		
<b>801925</b>	1Ed. 3/25/89 LAST NM N23/94		N16/95	
Substitute	Beacon			
	BYB, double cone topmark bases together, VQ(3) 5s for buoy	12°39'34"N 61°23'38"W		
	YBY, double cone topmark points together, VQ(9) 10s for buoy	12°38'13"N 61°24'13"W		
Change	Characteristic of light to Fl G	12°29'42"N 61°27'58"W		
	(1(76)95 Taunton; BA LL)			
<b>801925</b>	1Ed. 3/25/89 LAST NM N16/95		N25/95	
Delete	Buoy	12°42'20"N 61°20'14"W		
		12°42'33"N 61°20'13"W		
Add	Beacon			
	R, cone topmark, Fl R 4s	12°42'23"N 61°20'06"W		
	G, can topmark, Fl G 4s	12°42'37"N 61°19'58"W		
	(5(411)95 Taunton)			
<b>801925</b>	1Ed. 3/25/89 LAST NM N25/95		N41/98	
Add	Dangerous wreck "Rep (1998)" (PA)	12°31.8'N 61°23.3'W		
	(36(3262)98 Taunton)			
<b>801925</b>	1Ed. 3/25/89 LAST NM N41/98		N25/00	
Add	Beacon YBY, VQ(9) 10s [Q82]	12°28'37"N 61°30'35"W		
	(16(1461)99 Taunton)			
<b>801925</b>	1Ed. 3/25/89 LAST NM N25/00		N29/06	
Add	Depth 5.1 meters, blue tint and enclosing depth contour (10-meter) "Rep (2006)"	12°44'29"N 61°20'39"W		
	(23(2660)06 Taunton)			
<b>801925</b>	1Ed. 3/25/89 LAST NM N29/06		N3/07	
Substitute	Depth 5.8 meters, blue tint and enclosing depth contour (10-meter) "Rep (2005)" for 11.3 meters	12°44'24"N 61°20'37"W		
	(7(890)05 Taunton)			
<b>801925</b>	1Ed. 3/25/89 LAST NM N3/07		N30/16	
Delete	Beacon	12°38'13"N 61°24'13"W		
Add	Buoy R, pillar, Fl R 4s	12°38'16"N 61°24'05"W		
	(12(1535)08 Taunton)			
<b>801925</b>	1Ed. 3/25/89 LAST NM N30/16		N42/16	
Add	Marine reserve area [N22.3] bound by shore and purple composite line joining	12°43'03"N 61°18'41"W		
		12°41'33"N 61°18'41"W		
		12°41'33"N 61°19'42"W		
	(9(1137)16 Taunton)			
<b>★801926</b>	1Ed. 8/4/90 NEW CHART		N40/90	
Add	Note in right margin of chart "BUOYAGE			
	IALA Buoyage System (Region B) is in effect in the area covered by this chart. See Chart No. 1"			
	(DMAHTC; MCNM1000/90)			
<b>801926</b>	1Ed. 8/4/90 LAST NM N40/90		N44/04	
Add	Superbuoy ODAS [Q58] "46071" Y, Fl(4) Y 20s	51°19'05.4"N 179°06'02.5"E		
	(NTM0002/2004)			
<b>801926</b>	1Ed. 8/4/90 LAST NM N44/04		N27/05	
Delete	Superbuoy ODAS "46071"	51°19'05.4"N 179°06'02.5"E		
	(See N44/04-801926)			
	(20/05 CG17)			
<b>P 801926</b>	1Ed. 8/4/90 LAST NM N27/05		N45/15	
Add	Note in lower right margin of chart "AREA TO BE AVOIDED			
	The entire area of this chart is to be avoided by all ships (solely in transit) of 400 gross tons or more to reduce the risk of a marine casualty, resulting pollution and damage to the environment."			
	Note: The above Area to be Avoided has been adopted by IMO and will become effective at 0001 GMT on 01 January 2016			
	(NTM0027/2015)			
<b>801926</b>	1Ed. 8/4/90 LAST NM N45/15		N52/15	
Add	Note in lower right margin of chart "AREA TO BE AVOIDED			
	The entire area of this chart is to be avoided by all ships (solely in transit) of 400 gross tons or more to reduce the risk of a marine casualty, resulting pollution and damage to the environment."			
	Note: The above Area to be Avoided has been adopted by IMO			
	(Supersedes N45/15P-801926)			
	(NTM0027/2015)			
<b>★801953</b>	1Ed. 2/25/78 CHART CANCELED		N17/18	
	(NTM0003/2018)			
<b>★801959</b>	2Ed. 6/9/79 CHART CANCELED		N15/19	
	Replaced by chart 803759			
	(NGA)			
<b>★801962</b>	1Ed. 9/17/16 NEW CHART		N6/17	
	(NGA)			
<b>★802184</b>	4Ed. 8/2/75 NEW EDITION		N40/75	
	(DMAHC)			



**802202** 8Ed. 4/15/78 LAST NM N24/85 N27/85  
Delete Bn "4" 38°10'10"N 75°57'00"W  
Buoys  
"1" 38°10'12"N 75°57'25"W  
"2" 38°10'09"N 75°57'22"W  
Lights  
38°10'12"N 75°56'56"W  
38°10'13"N 75°56'47"W  
Add Lights  
"1" Fl G 2.5s 15ft 3M (PA) 38°10'13.0"N 75°57'22.0"W  
"4" Fl R 6s 19ft 4M (PA) 38°10'12.3"N 75°57'00.0"W  
(23/85 CG5)

**802202** 8Ed. 4/15/78 LAST NM N27/85 N31/85  
Delete Buoy "2" 38°10'09"N 75°57'21"W  
(See N27/85-802202)  
(USCG LL)

**802202** 8Ed. 4/15/78 LAST NM N31/85 N39/86  
Add Dangerous wreck marked by buoy,  
black, IQ (PA) 38°06'48"N 76°17'54"W  
(34/86 CG5)

**802202** 8Ed. 4/15/78 LAST NM N39/86 N15/87  
Add Buoy "T", red and white stripes nun  
(9/87 CG5) 38°10'05"N 75°58'43"W

**802202** 8Ed. 4/15/78 LAST NM N15/87 N25/87  
Change Lights to  
Fl 2.5s 37ft 7M 38°04'08"N 76°05'47"W  
Fl Y 4s 85ft 5M 38°11'42"N 76°05'39"W  
Characteristic of buoy "54" to Fl R 4s  
38°06'09"N 76°12'42"W  
Buoy to green and red bands,  
can (topmost band green) 38°12'28"N 75°56'45"W  
Note in lower left margin of chart to  
"Users should refer corrections,  
additions, and comments for  
improving this product to:  
DIRECTOR, DEFENSE MAPPING  
AGENCY HYDROGRAPHIC/  
TOPOGRAPHIC CENTER, ATTN:  
PR, Washington, D.C. 20315-0030."  
(MCNM7880/87)

**802202** 8Ed. 4/15/78 LAST NM N25/87 N40/88  
Change Color of buoy "HS" to  
red and white stripes  
and add ball topmark  
(33/88 CG5) 38°12'18"N 76°14'33"W

**802202** 8Ed. 4/15/78 LAST NM N40/88 N17/89  
Change Buoy "1" to green, Fl G 4s BELL 38°12'16"N 76°09'20"W  
(13/89 CG5)

**802202** 8Ed. 4/15/78 LAST NM N17/89 N21/89  
Add Buoy "4A", red nun 38°12'57"N 76°03'03"W  
(17/89 CG5)

**802202** 8Ed. 4/15/78 LAST NM N21/89 N17/91  
Delete Buoys  
"52" 38°04'36"N 76°12'05"W  
"54" 38°06'12"N 76°12'39"W  
"WR" 38°06'49"N 76°17'53"W  
(undesignated) 38°11'23"N 76°09'10"W  
(undesignated) 38°11'13"N 76°08'23"W  
Relocate Buoys  
"5" close E to 38°12'09"N 76°01'36"W  
and change color to G  
"6" close SW 38°12'15"N 76°01'04"W  
Substitute Dangerous wreck for stranded wreck  
38°12'51"N 76°03'16"W  
Change Fog signal of buoy "HS" to WHIS 38°12'18"N 76°14'33"W  
Buoy "1" to G, Fl G 4s BELL 38°12'16"N 76°09'20"W

Light to "1" Fl G 4s 16ft 4M 38°13'56"N 76°06'41"W  
Light "1" to Fl G 2.5s 20ft 4M 38°13'05"N 75°56'35"W  
Add Buoys  
"HP" Y, can 38°10'18"N 75°57'54"W  
"72" R, Fl R 2.5s BELL 38°06'54"N 76°12'55"W  
(MCNM1065/90)

**802202** 8Ed. 4/15/78 LAST NM N17/91 N32/91  
Add Obstruction "(Fish haven) (auth min  
depth 15ft)" bound by chart border  
and dashed line joining 38°06'21"N 76°17'54"W  
38°06'21"N 76°17'49"W  
38°06'36"N 76°17'49"W  
38°06'36"N 76°17'54"W  
(CL381/91)

**802202** 8Ed. 4/15/78 LAST NM N32/91 N39/97  
Relocate Light close SW to 38°10'19.2"N 75°57'53.7"W  
(35/97 CG5)

**802202** 8Ed. 4/15/78 LAST NM N39/97 N14/02  
Change Light to Fl Y 6s 25ft 5M 38°11'43"N 76°05'37"W  
(9/02 CG5)

**802202** 8Ed. 4/15/78 LAST NM N14/02 N23/02  
Change Designation of buoy "5" to "7" 38°12'09"N 76°01'36"W  
(19/02 CG5)

**802202** 8Ed. 4/15/78 LAST NM N23/02 N31/02  
Relocate Light from 38°04'08"N 76°05'47"W to  
38°04'06.3"N 76°05'42.0"W  
(26/02 CG5)

**802202** 8Ed. 4/15/78 LAST NM N31/02 N35/02  
Relocate Light from 38°04'06.3"N 76°05'42.0"W to  
38°04'07.1"N 76°05'46.1"W  
(Supersedes N31/02-802202)  
(30/02 CG5)

**802202** 8Ed. 4/15/78 LAST NM N35/02 N1/03  
Delete HORN from light 38°07'40"N 76°17'27"W  
(46/02 CG5)

**802202** 8Ed. 4/15/78 LAST NM N1/03 N7/03  
Add Dangerous wreck [K28] marked by buoy  
"WR1" G, QG 38°12'44.3"N 75°57'24.9"W  
(51, 52/02 CG5)

**802202** 8Ed. 4/15/78 LAST NM N7/03 N40/04  
Change Designation of light "1" to "1N" 38°13'05"N 75°56'35"W  
(34/04 CG5)

**802202** 8Ed. 4/15/78 LAST NM N40/04 N13/08  
Relocate Buoy "12" from 38°06'19.3"N 75°58'21.5"W  
to 38°06'19.1"N 75°58'20.9"W  
(44/07 CG5)

**802202** 8Ed. 4/15/78 LAST NM N13/08 N44/10  
Add Depth 24 feet Obstn [K41] 38°07'07.7"N 76°12'06.5"W  
(NOS)

**802202** 8Ed. 4/15/78 LAST NM N44/10 N2/11  
Add Depth 18 feet Obstn [K41] 38°03'41.1"N 76°17'38.6"W  
(NOS)

**802202** 8Ed. 4/15/78 LAST NM N2/11 N3/11  
Add Depth 38 feet Obstn [K41] 38°03'51.0"N 76°15'14.1"W  
Depth 39 feet Obstn [K41] 38°04'17.5"N 76°14'40.1"W  
Depth 44 feet Obstn [K41] 38°04'31.9"N 76°14'05.6"W  
(NOS)

**802202** 8Ed. 4/15/78 LAST NM N3/11 N25/12  
Add Depth 38 feet Obstn [K41] 38°04'01.6"N 76°15'08.4"W  
Depth 74 feet Wk [K26] 38°06'12.9"N 76°13'16.3"W  
Depth 53 feet Wk [K26] 38°05'23.9"N 76°13'38.7"W  
(NOS)

<b>802202</b>	8Ed. 4/15/78	LAST NM N25/12	N4/13	(Supersedes N44/15P-803220)	
Delete	Depth 22 feet and dashed-line circle centered	38°03'57.0"N 76°17'24.7"W		(NTM0027/2015)	
Add (NOS)	Depth 19 feet Obstn [K41]	38°03'58.9"N 76°17'23.9"W		<b>★ 803222</b>	1Ed. 8/30/08 NEW CHART N31/09 (NGA)
<b>802202</b>	8Ed. 4/15/78	LAST NM N4/13	N22/14	<b>803222</b>	1Ed. 8/30/08 LAST NM N31/09 N41/11
Delete	BELL from buoy "7" and change designation to "7A"	38°12'09.0"N 76°01'36.0"W		Add	Purple circle and legend "AIS" to light 37°21'31"N 126°30'39"E
Change	Buoy to "12" R, Fl R 4s (10/14 CG5)	38°06'19.1"N 75°58'20.9"W			Legend "AIS" to light 37°19'50"N 126°28'40"E (28(382)11 Inchon)
<b>802202</b>	8Ed. 4/15/78	LAST NM N22/14	N14/16	<b>803222</b>	1Ed. 8/30/08 LAST NM N41/11 N47/11
Change	Light "2" to "2FB" Fl R 4s 15ft 4M (37/15 CG5)	38°13'34.7"N 75°59'20.0"W		Add	Purple dashed line with legend "VTS" joining 37°10'10"N 126°22'52"E 37°10'29"N 126°23'11"E 37°11'55"N 126°32'10"E
<b>802202</b>	8Ed. 4/15/78	LAST NM N14/16	N17/16		Purple dashed line with legend "VTS" joining 37°05'40"N 126°23'05"E 37°05'57"N 126°23'35"E 37°07'39"N 126°26'41"E 37°07'52"N 126°27'13"E 37°07'15"N 126°31'42"E 37°06'44"N 126°32'25"E 37°05'40"N 126°32'50"E
Delete	BELL from buoy "1" (38/15 CG5)	38°12'16.0"N 76°09'21.0"W			Radio reporting point symbol [M40] with direction pointer 169° 37°11'27"N 126°29'20"E
<b>802202</b>	8Ed. 4/15/78	LAST NM N17/16	N32/16		Radio reporting point symbol [M40] with direction pointers 146°-326° 37°07'00"N 126°25'31"E
Delete	Light "1" (17/16 CG5)	38°13'56"N 76°06'41"W			Radio reporting point symbol [M40] with direction pointer 010° 37°07'38"N 126°28'58"E (39(155)11 Inchon)
Add	Light "1H" Fl G 4s 4M (17/16 CG5)	38°13'59"N 76°06'33"W		<b>803222</b>	1Ed. 8/30/08 LAST NM N47/11 N48/11
<b>802202</b>	8Ed. 4/15/78	LAST NM N32/16	N47/16	Change	Light "C" to "A" Fl(4) Y 8s 12m 7M Horn 37°20'17"N 126°34'53"E
Change	Designation of light "4" to "2LT" (39/16 CG5)	38°07'21.8"N 75°57'18.0"W			Light "D" to "B" Fl(4) Y 8s 12m 7M 37°20'17"N 126°35'09"E
<b>★802202</b>	8Ed. 4/15/78	LAST NM N47/16	N25/18		Light to "C" Fl Y 6s 12m 7M Horn 37°20'17"N 126°35'18"E
Relocate	Buoy "HS" from 38°12'18.0"N to 38°12'19.2"N (20/18 CG5)	76°14'33.0"W 38°12'19.2"N 76°14'35.0"W			Light to "D" Fl Y 6s 12m 7M 37°20'17"N 126°35'37"E
<b>★802659</b>	1Ed. 8/27/88	CHART CANCELED (NTM0003/2018)	N17/18		Light to Fl G 4s 10m 6M 37°20'40"N 126°36'06"E (40(602)11 Inchon)
<b>★802827</b>	3Ed. 11/13/76	NEW EDITION (DMAHC)	N2/77	<b>803222</b>	1Ed. 8/30/08 LAST NM N48/11 N20/12
<b>★802942</b>	1Ed. 8/10/13	NEW CHART (NGA)	N48/13	Delete	Buoy "20" 37°19'38"N 126°36'18"E
<b>★803220</b>	1Ed. 8/4/90	NEW CHART (DMAHTC; MCNM1000/90)	N43/90		Buoy "22" 37°19'38"N 126°36'44"E
Change	Note in upper left margin of chart to "BUOYAGE IALA Buoyage System (Region B) is in effect in the area covered by this chart. See Chart No. 1."			Change	Characteristic of buoy "19" to Fl(3) G 7s 37°20'07"N 126°36'01"E
<b>P 803220</b>	1Ed. 8/4/90	LAST NM N43/90	N44/15	Add	Buoy "20" R, pillar, cone topmark, Fl(3) R 7s (13(186)12 Inchon) 37°19'38"N 126°36'29"E
Add	Note in center right margin of chart "AREA TO BE AVOIDED The entire area of this chart is to be avoided by all ships (solely in transit) of 400 gross tons or more to reduce the risk of a marine casualty, resulting pollution and damage to the environment." Note: The above Area to be Avoided has been adopted by IMO and will become effective at 0001 GMT on 01 January 2016 (NTM0027/2015)			<b>803222</b>	1Ed. 8/30/08 LAST NM N20/12 N22/12
<b>803220</b>	1Ed. 8/4/90	LAST NM N44/15	N52/15	Delete	Buoy "36" 37°14'47"N 126°25'30"E
Add	Note in center right margin of chart "AREA TO BE AVOIDED The entire area of this chart is to be avoided by all ships (solely in transit) of 400 gross tons or more to reduce the risk of a marine casualty, resulting pollution and damage to the environment." Note: The above Area to be Avoided has been adopted by IMO			Add	Buoy "A" Y, pillar, "X" topmark, Fl(4) Y 8s [Q130.6] 37°15'12"N 126°25'24"E
					Buoy "B" Y, pillar, "X" topmark, Fl(4) Y 8s [Q130.6] 37°14'49"N 126°25'25"E (17(235)12 Inchon)
				<b>803222</b>	1Ed. 8/30/08 LAST NM N22/12 N19/13
				Add	AIS [S17.1] to light 37°06'56"N 126°23'11"E
					AIS [S17.2] to buoy "1" 37°08'26"N 126°31'40"E
					AIS [S17.2] to buoy "2" 37°07'47"N 126°31'17"E
					AIS [S17.2] to buoy and change designation to "13" 37°06'27"N 126°36'10"E
					AIS [S17.2] to buoy and change designation to "14" 37°05'56"N 126°35'40"E (6(96)13 Inchon)
				<b>803222</b>	1Ed. 8/30/08 LAST NM N19/13 N20/13
				Add	Light Fl(2) G 6s 15m 8M 37°06'40"N 126°23'40"E
					Superbuoy ODAS [Q58] Y, Fl(4) Y 8s 37°08'52"N 126°31'53"E (27(393), 41(658)12 Inchon)

**803222** 1Ed. 8/30/08 LAST NM N20/13 N21/13  
Delete Buoy "3" 37°07'47"N 126°33'05"E  
Buoy "5" 37°07'05"N 126°34'39"E

Change Buoy "4" to "6" R, pillar, cone topmark, FI R 4s 37°07'08"N 126°32'47"E  
Buoy "6" to "10" R, pillar, cone topmark, FI R 4s 37°06'33"N 126°34'13"E

Designation of buoy "9" to "17" 37°05'42"N 126°37'17"E

Add Buoy "3" G, pillar, can topmark, FI G 4s 37°08'06"N 126°32'27"E  
Buoy "4" R, pillar, cone topmark, FI R 4s 37°07'27"N 126°32'01"E  
Buoy "5" G, pillar, can topmark, FI G 4s 37°07'46"N 126°33'11"E  
Buoy "7" G, pillar, can topmark, FI G 4s 37°07'27"N 126°33'54"E  
Buoy "8" R, pillar, cone topmark, FI R 4s 37°06'52"N 126°33'27"E  
Buoy "9" G, pillar, can topmark, FI G 4s 37°07'07"N 126°34'39"E  
Buoy "11" G, pillar, can topmark, FI G 4s 37°06'49"N 126°35'21"E  
Buoy "12" R, pillar, cone topmark, FI R 4s 37°06'14"N 126°34'59"E

Pilot station symbol [T1.2] with legend "Ippa (Bad weather)" 37°06'06"N 126°36'12"E

Purple dashed line (fairway limit) [N1.2] joining 37°05'40"N 126°36'03"E  
37°05'56"N 126°35'41"E  
37°07'32"N 126°32'03"E  
37°07'40"N 126°31'13"E  
37°08'33"N 126°31'43"E  
37°06'27"N 126°36'11"E  
37°05'40"N 126°37'16"E

Legend "Passage" 37°07'20"N 126°33'20"E

Purple open-outlined dashed arrow indicating recommended flow of traffic [M11] oriented 270° 37°08'31"N 126°30'30"E  
Purple open-outlined dashed arrow indicating recommended flow of traffic [M11] oriented 090° 37°08'00"N 126°30'30"E  
Purple open-outlined dashed arrow indicating recommended flow of traffic [M11] oriented 298° 37°07'30"N 126°33'13"E  
Purple open-outlined dashed arrow indicating recommended flow of traffic [M11] oriented 118° 37°07'20"N 126°33'04"E

Buoy Y, pillar, "X" topmark, Fl(4) Y 8s [Q130.6] 37°08'52"N 126°30'46"E  
(47(780)11, 8(114)12, 2(33)13 Inchon; ROK CH 307)

**803222** 1Ed. 8/30/08 LAST NM N21/13 N22/13  
Change Designation of buoy "21" to "1" 37°21'12"N 126°28'16"E  
Designation of buoy "23" to "3" 37°21'15"N 126°29'07"E  
Designation of buoy "25" to "5" 37°21'16"N 126°29'55"E  
Designation of buoy "26" to "6" 37°20'19"N 126°30'29"E  
Designation of buoy "27" to "7" 37°21'18"N 126°30'42"E  
Designation of buoy "28" to "8" 37°20'34"N 126°31'29"E  
Designation of buoy "1" to "9" 37°22'32"N 126°31'16"E  
Designation of buoy "2" to "10" 37°22'01"N 126°32'51"E  
Designation of buoy "3" to "11" 37°23'22"N 126°31'59"E  
Designation of buoy "4" to "12" 37°22'55"N 126°33'28"E  
Designation of buoy "5" to "13" 37°24'34"N 126°33'00"E  
Designation of buoy "6" to "14" 37°23'48"N 126°34'02"E

Add Buoy Y, pillar, "X" topmark, Fl(3) Y 7s [Q130.6] 37°24'00"N 126°33'05"E  
(15(270), 18(323)13 Inchon)

**803222** 1Ed. 8/30/08 LAST NM N22/13 N23/13  
Delete Buoy "C" 37°18'45"N 126°36'14"E

Relocate Buoy "A" from 37°19'02"N 126°37'06"E to 37°19'00"N 126°36'52"E  
Buoy "B" from 37°18'56"N 126°36'40"E to 37°19'15"N 126°36'37"E

Change Light to Fl G 6s 21m 8M 37°21'40"N 126°26'30"E

Add Buoy "E" Y, pillar, "X" topmark, Fl(4) Y 8s [Q130.6] 37°18'48"N 126°36'22"E  
Buoy "C" Y, pillar, "X" topmark, Fl(4) Y 8s [Q130.6] 37°19'26"N 126°36'27"E

Buoy "D" Y, pillar, "X" topmark, Fl(4) Y 8s [Q130.6] 37°19'14"N 126°36'26"E  
(49(818), 52(877)12 Inchon)

**803222** 1Ed. 8/30/08 LAST NM N23/13 N24/13  
Delete Anchorage area "A-9" in vicinity 37°24'31"N 126°35'15"E

Add Anchorage area [N12.1] bound by purple dashed line joining 37°24'55"N 126°35'35"E  
37°24'29"N 126°35'26"E  
37°24'44"N 126°34'31"E  
37°24'55"N 126°34'36"E

Note: Area extends beyond chart border

Purple dashed line between 37°08'15"N 126°22'52"E  
37°08'15"N 126°25'00"E

Purple open-outlined dashed arrow indicating recommended flow of traffic [M11] oriented 090° 37°08'09"N 126°24'20"E  
Purple open-outlined dashed arrow indicating recommended flow of traffic [M11] oriented 270° 37°08'20"N 126°24'20"E  
(14(203), 47(772)12 Inchon)

**803222** 1Ed. 8/30/08 LAST NM N24/13 N25/13  
Change Designation of buoy "6" to "22" 37°18'10"N 126°26'42"E

Add Buoy "A" Y, pillar, "X" topmark, Fl(4) 8s [Q130.6] 37°20'15"N 126°37'19"E  
Buoy "B" Y, pillar, "X" topmark, Fl(4) 8s [Q130.6] 37°20'05"N 126°37'08"E  
Buoy "C" Y, pillar, "X" topmark, Fl(4) 8s [Q130.6] 37°19'47"N 126°37'08"E  
Buoy "D" Y, pillar, "X" topmark, Fl(4) 8s [Q130.6] 37°19'53"N 126°37'41"E  
Buoy "E" Y, pillar, "X" topmark, Fl(4) 8s [Q130.6] 37°20'02"N 126°38'11"E  
(21(380), 381)13 Inchon)

**803222** 1Ed. 8/30/08 LAST NM N25/13 N27/13  
Delete Light 37°20'05"N 126°37'13"E  
(50(860)11 Inchon)

**803222** 1Ed. 8/30/08 LAST NM N27/13 N29/13  
Relocate Buoy from 37°24'00"N 126°33'05"E to 37°23'51"N 126°32'44"E  
(See N22/13-803222)

Add Buoy "2" R, pillar, cone topmark, FI R 4s 37°09'48"N 126°34'30"E  
Buoy "4" R, pillar, cone topmark, FI R 4s 37°10'07"N 126°35'18"E  
Buoy "5" G, pillar, can topmark, FI G 4s 37°10'34"N 126°36'00"E  
Buoy "8" R, pillar, cone topmark, FI R 4s 37°10'48"N 126°37'00"E  
(25(460), 26(484)13 Inchon)

**803222** 1Ed. 8/30/08 LAST NM N29/13 N30/13  
Change Buoy "No 9" to "No 23" G, pillar, can topmark, Fl(2) G 6s 37°20'40"N 126°23'27"E  
Buoy "No 10" to "No 24" R, pillar, cone topmark, Fl(2) R 6s 37°19'54"N 126°23'49"E  
(44(712)12 Inchon)

**803222** 1Ed. 8/30/08 LAST NM N30/13 N31/13  
Change Characteristic of buoy "6" to FI R 4s 37°10'32"N 126°23'12"E  
Characteristic of buoy "10" to FI R 4s 37°12'09"N 126°24'32"E  
Characteristic of buoy "11" to QG 37°13'22"N 126°24'28"E  
Buoy to "12" R, pillar, cone topmark, QR AIS 37°13'06"N 126°25'10"E  
Characteristic of buoy "15" to FI G 4s 37°15'42"N 126°24'27"E  
Characteristic of buoy "16" to FI R 4s 37°15'43"N 126°25'28"E  
Characteristic of buoy "17" to FI G 4s 37°16'46"N 126°24'29"E  
Characteristic of buoy "18" to FI R 4s 37°16'32"N 126°25'40"E  
(44(713)12 Inchon; UKHO ARCS 1270-0)



**803222** 1Ed. 8/30/08 LAST NM N31/13 N33/13  
 Relocate Buoy "A" from 37°07'43"N 126°31'23"E to 37°07'37"N 126°31'21"E  
 Buoy "1" from 37°08'26"N 126°31'40"E to 37°08'33"N 126°31'43"E  
 Buoy "2" from 37°07'47"N 126°31'17"E to 37°07'40"N 126°31'13"E  
 Buoy "3" from 37°08'06"N 126°32'27"E to 37°08'12"N 126°32'27"E  
 Buoy "5" from 37°07'46"N 126°33'11"E to 37°07'51"N 126°33'12"E  
 Buoy "7" from 37°07'27"N 126°33'54"E to 37°07'30"N 126°33'57"E  
 Buoy "9" from 37°07'07"N 126°34'39"E to 37°07'09"N 126°34'42"E  
 Buoy "11" from 37°06'49"N 126°35'21"E to 37°06'48"N 126°35'26"E  
 (See N19, N21/13-803222)  
 (30(566)13 Inchon)

**803222** 1Ed. 8/30/08 LAST NM N33/13 N34/13  
 Relocate Buoy "B" from 37°19'15"N 126°36'37"E to 37°19'16"N 126°36'40"E  
 (See N23/13-803222)  
 (31(576)13 Inchon)

**803222** 1Ed. 8/30/08 LAST NM N34/13 N10/16  
 Change Light to Fl G 5s 14m 6M 37°06'17"N 126°32'33"E  
 Light to Fl 6s 38m 8M 37°06'57"N 126°23'08"E  
 Light to Fl R 4s 16m 8M 37°10'46"N 126°37'20"E  
 Light to Fl(4) Y 8s 10m 7M 37°11'16"N 126°39'02"E  
 Add Light Fl(2) R 6s 18m 8M 37°11'11"N 126°38'56"E  
 Light Fl(2) G 6s 21m 6M 37°11'23"N 126°38'44"E  
 (40(608)15 Inchon)

**803222** 1Ed. 8/30/08 LAST NM N10/16 N14/16  
 Change Legend to "IPPADO QUARANTINE ANCHORAGE" 37°09'19"N 126°29'02"E  
 (17(278)09 Inchon)

**803222** 1Ed. 8/30/08 LAST NM N14/16 N23/17  
 Delete Buoy "4" 37°24'38"N 126°34'06"E  
 Buoy "6" 37°24'49"N 126°34'14"E  
 Buoy "3" 37°24'48"N 126°33'44"E  
 Buoy "1" 37°24'40"N 126°33'38"E  
 Buoy "2" 37°24'30"N 126°34'00"E  
 Buoy "B" 37°24'48"N 126°34'25"E  
 Buoy "C" 37°24'46"N 126°34'29"E  
 Buoy "G" 37°24'36"N 126°34'53"E  
 Buoy "H" 37°24'30"N 126°35'11"E  
 Buoy "J" 37°24'13"N 126°35'03"E  
 Buoy "K" 37°24'18"N 126°34'44"E  
 Buoy "N" 37°24'30"N 126°34'15"E  
 Legend "Area marked by buoys" 37°24'32"N 126°34'33"E  
 Anchor berth "W-5" and associated swing circle centered 37°24'18"N 126°32'12"E  
 "PROHIBITED AREA" between 37°24'39"N 126°34'23"E  
 37°24'44"N 126°38'27"E  
 Prohibited area in vicinity 37°24'54"N 126°33'29"E  
 Anchorage area in vicinity 37°24'46"N 126°35'03"E  
 Substitute Solid line with land tint for dashed line joining  
 37°24'55"N 126°36'35"E  
 37°23'55"N 126°36'35"E  
 37°23'51"N 126°36'29"E  
 37°23'39"N 126°36'29"E  
 37°23'20"N 126°36'59"E  
 37°23'37"N 126°37'17"E  
 37°24'14"N 126°37'11"E  
 37°24'31"N 126°37'42"E  
 37°24'36"N 126°37'41"E  
 37°24'41"N 126°37'57"E  
 37°24'55"N 126°38'00"E  
 and delete legend "Works in progress"  
 Add Buoy "M" Y, pillar, "X" topmark, Iso Y 4s AIS [Q130.6] 37°24'34"N 126°34'06"E  
 Buoy "A" Y, pillar, "X" topmark, Iso Y 4s AIS [Q130.6] 37°24'47"N 126°33'39"E  
 Anchorage area "W-5" [N12.3] bound by purple dashed line joining  
 37°24'14"N 126°32'28"E  
 37°24'05"N 126°32'07"E  
 37°24'21"N 126°31'56"E  
 37°24'31"N 126°32'16"E

Land tint to area bound by shore and solid line [F13] joining 37°22'45"N 126°37'56"E  
 37°23'35"N 126°36'36"E  
 37°23'15"N 126°36'36"E  
 37°22'47"N 126°36'58"E  
 37°22'25"N 126°37'33"E  
 and delete all hydrography within above area  
 Double solid line with land tint (bridge) [D22] with vertical clearance 66 meters joining  
 37°24'35"N 126°38'03"E  
 37°24'33"N 126°37'39"E  
 37°24'17"N 126°35'45"E  
 37°24'20"N 126°35'19"E  
 37°24'31"N 126°34'39"E  
 37°24'55"N 126°33'48"E  
 Note: Area extends beyond chart border  
 Anchorage area "A-9" [N12.3] bound by purple dashed line joining  
 37°24'55"N 126°35'20"E  
 37°24'29"N 126°35'26"E  
 37°24'44"N 126°34'31"E  
 37°24'55"N 126°34'36"E  
 Note: Area extends beyond chart border  
 (ROK CH 3470)

**803222** 1Ed. 8/30/08 LAST NM N23/17 N25/17  
 Delete Depth 2.2 meters 37°22'15"N 126°27'04"E  
 Buoy "1" 37°20'30"N 126°39'18"E  
 Relocate Buoy "2" from 37°21'29"N 126°28'35"E to 37°21'57"N 126°29'04"E  
 Change Vertical clearance of overhead power cable to "31" 37°24'50"N 126°24'33"E  
 Add Buoy WBUW, pillar, Fl(3) 7s 37°22'25"N 126°27'19"E  
 Rock awash [K12] 37°22'17"N 126°27'01"E  
 (9(144)10, 42(653)15 Inchon; ROK CH 3438)

**803222** 1Ed. 8/30/08 LAST NM N25/17 N35/17  
 Delete Depth 8 meters 37°24'08"N 126°31'13"E  
 Buoy "S" 37°16'02"N 126°31'04"E  
 Buoy "B" 37°14'49"N 126°25'25"E  
 Buoy "A" 37°15'12"N 126°25'24"E  
 Purple dashed line, radio reporting point symbol and legend "VTS" joining 37°10'10"N 126°22'52"E  
 37°10'29"N 126°23'11"E  
 37°11'55"N 126°32'10"E  
 Purple dashed line, radio reporting point symbol and legend "VTS" joining 37°07'52"N 126°27'13"E  
 37°07'15"N 126°31'42"E  
 37°06'44"N 126°32'25"E  
 37°05'40"N 126°32'50"E  
 Buoy 37°12'19"N 126°28'32"E  
 Depth 11.3 meters 37°05'46"N 126°34'28"E  
 Depth 4 meters and enclosing depth contour (5-meter) in vicinity 37°20'14"N 126°34'39"E  
 Substitute Spot Height "98" [C11] for light 37°06'30"N 126°32'21"E  
 Light Fl 10s 119m 20M AIS for Spot Height "87" 37°06'31"N 126°32'23"E  
 Add Depth 7 meters Wk [K26] 37°17'34"N 126°29'40"E  
 Beacon R, cone topmark, Fl R 5s 15m 8M 37°17'17"N 126°31'59"E  
 "RESTRICTED AREA" [N2.1] bound by chart border and green dashed line joining  
 37°05'40"N 126°24'44"E  
 37°07'20"N 126°24'48"E  
 37°07'20"N 126°26'52"E  
 37°05'40"N 126°26'30"E  
 Pilot station symbol [T1.2] with legend "Ippado" 37°08'10"N 126°29'53"E  
 Pilot station symbol [T1.2] with legend "Incheon New Port" 37°18'06"N 126°25'54"E  
 Pilot station symbol [T1.2] with legend "Incheon New Port (Bad weather)" 37°19'47"N 126°33'00"E  
 Pilot station symbol [T1.2] with legend "Mallyukdo" 37°07'39"N 126°26'41"E  
 AIS [S17.1] to light 37°10'46"N 126°37'20"E  
 Depth 7 meters Wk [K26] 37°24'09"N 126°31'11"E

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**803222** (Continued) 35/17  
 Depth 3.8 meters Obstn [K41] 37°23'10"N 126°31'37"E  
 Buoy G, pillar, can topmark, Fl(3) G 7s  
 37°16'01"N 126°31'02"E

Radio reporting line, radio reporting point  
 symbols with direction pointer (inbound)  
 [M40.2] and legend "Incheon VTS" between  
 37°21'41"N 126°26'27"E  
 37°20'48"N 126°22'52"E

Radio reporting line, radio reporting point  
 symbols with direction pointer (inbound)  
 [M40.2] and legend "Incheon VTS" between  
 37°17'20"N 126°31'58"E  
 37°18'57"N 126°28'49"E

Radio reporting line [M40.2] with legend  
 "Incheon VTS" between  
 37°18'57"N 126°28'49"E  
 37°21'41"N 126°26'27"E

Radio reporting line [M40.2] with legend  
 "VTS" joining  
 37°10'04"N 126°22'52"E  
 37°10'36"N 126°23'24"E  
 37°10'36"N 126°24'36"E  
 37°10'00"N 126°24'54"E  
 37°10'18"N 126°26'54"E  
 37°12'36"N 126°26'48"E  
 37°14'06"N 126°25'39"E

Buoy R, pillar, cone topmark, Fl(3) R 7s  
 37°12'16"N 126°28'35"E

Radio reporting line [M40.2] with legend  
 "VTS" joining  
 37°07'52"N 126°27'13"E  
 37°06'30"N 126°28'06"E  
 37°05'40"N 126°28'52"E

Purple dashed line (fairway limit) [N1.2] with  
 legend "Passage" joining  
 37°05'40"N 126°28'52"E  
 37°06'30"N 126°28'06"E  
 37°07'52"N 126°27'13"E  
 37°07'39"N 126°26'41"E  
 37°07'17"N 126°27'08"E  
 37°06'19"N 126°27'45"E  
 37°05'40"N 126°28'23"E

Depth 11.7 meters Obstn [K41] 37°05'59"N 126°35'24"E  
 Depth 11.5 meters Obstn [K41] 37°05'42"N 126°34'32"E  
 Depth 13 meters Obstns [K41] 37°06'07"N 126°35'07"E  
 Buoy "15" G, pillar, can topmark, Fl(2) G 6s  
 37°06'04"N 126°36'43"E

(ROK CH 3415, 3437, 3438; ROK LL)

**803222** 1Ed. 8/30/08 LAST NM N35/17 N38/17  
 Delete Buoy "A" 37°11'05"N 126°38'46"E  
 Buoy "B" 37°11'15"N 126°38'54"E

Change Height of light "C" to 14m 37°14'16"N 126°25'47"E  
 Height of light "B" to 18m 37°14'43"N 126°25'43"E

Add Land tint to area bound by shore and solid line  
 [F13] joining 37°14'41"N 126°25'53"E  
 37°15'23"N 126°25'53"E  
 37°15'23"N 126°25'47"E  
 37°15'41"N 126°25'47"E  
 and delete all hydrography within above area

Double solid line with land tint (pier) [F14]  
 joining 37°14'47"N 126°25'53"E  
 37°14'47"N 126°25'42"E  
 37°14'55"N 126°25'42"E

Buoy YB, pillar, double cone topmark points  
 downward, Q(6) + L Fl 15s [Q130.3]  
 37°11'26"N 126°26'44"E

Light "E" Fl(4) Y 8s 17m 8M 37°14'57"N 126°25'42"E  
 Light "D" Fl(4) Y 8s 17m 8M 37°14'44"N 126°25'42"E

(ROK CH 3415; ROK LL)

**803222** 1Ed. 8/30/08 LAST NM N38/17 N39/17  
 Substitute Depth 11.8 meters for 13 meters 37°22'41"N 126°31'57"E

Add Depth 9.3 meters 37°23'12"N 126°32'25"E  
 and extend depth contour (10-meter) and blue  
 tint SE to enclose

Depth 13.9 meters 37°22'52"N 126°32'40"E  
 Depth 10.6 meters 37°22'51"N 126°31'52"E

Pilot station symbol [T1.2] with legend  
 "Palmi (Bad weather)" 37°22'40"N 126°32'23"E  
 (ROK CH 3470)

**803222** 1Ed. 8/30/08 LAST NM N39/17 N40/17  
 Delete Buoy "A" 37°07'37"N 126°31'21"E

Relocate Pilot station symbol and legend "Ippa (Bad  
 weather)" from 37°06'06"N 126°36'12"E to  
 37°06'12"N 126°36'00"E  
 Buoy "4" from 37°07'27"N 126°32'01"E to  
 37°07'32"N 126°32'03"E  
 Buoy "6" from 37°07'08"N 126°32'47"E to  
 37°07'13"N 126°32'48"E  
 Buoy "8" from 37°06'52"N 126°33'27"E to  
 37°06'53"N 126°33'32"E  
 Buoy "10" from 37°06'33"N 126°34'13"E to  
 37°06'34"N 126°34'16"E

Substitute Depth 8.5 meters, blue tint and enclosing depth  
 contour (10-meter) with bottom characteristic  
 "R" [J9.1] for 10.8 meters 37°07'06"N 126°32'55"E

Change Designation of buoy "7" to "13" 37°06'27"N 126°36'11"E  
 Designation of buoy "8" to "14" 37°05'56"N 126°35'40"E

Height of light to 70m 37°07'07"N 126°36'46"E  
 Height of beacon to 18m 37°09'22"N 126°24'59"E  
 and add AIS [S17.1]

Beacon to Q 15m 9M Racon 37°07'15"N 126°31'47"E  
 Designation of anchor berth area "WA4-04" to  
 "Temporary Anchorage" 37°05'49"N 126°34'00"E  
 (48(726)09 Busan; ROK CH 3437; ROK LL)

**\*803222** 1Ed. 8/30/08 LAST NM N40/17 N11/18  
 Add Chartlet A, depicting changes in hydrography,  
 topography and aids to navigation, from  
 Subsection I-2 37°22'26"N 126°35'17"E  
 Chartlet B, depicting changes in hydrography,  
 topography and aids to navigation, from  
 Subsection I-2 37°22'28"N 126°39'00"E  
 (NGA; 49(964)16, 6(109, 110)17 Busan; ROK CH 3438, 3612)

**803222** 1Ed. 8/30/08 LAST NM N11/18 N19/18  
 Add V-AIS [S18.1] 37°13'51"N 126°24'58"E  
 (49(919)17 Busan)

**803222** 1Ed. 8/30/08 LAST NM N19/18 N21/18  
 Delete Depth 16.5 meters 37°09'54"N 126°24'03"E

Substitute Depth 13 meters for 17.8 meters 37°10'11"N 126°24'14"E

Add Depth 10.2 meters 37°09'51"N 126°24'11"E  
 Depth 14.3 meters 37°09'57"N 126°24'00"E

Depth 13.7 meters enclosed by depth contour  
 (20-meter) centered 37°07'17"N 126°24'11"E  
 Depth 14.3 meters enclosed by depth contour  
 (20-meter) centered 37°07'18"N 126°23'48"E

Depth 13 meters 37°10'23"N 126°24'50"E  
 and extend depth contour (20-meter) N to  
 enclose  
 (ROK CH 3437)

**803222** 1Ed. 8/30/08 LAST NM N21/18 N34/18  
 Delete "Restricted Area" in vicinity 37°17'57"N 126°24'21"E  
 Buoys (4) in vicinity 37°18'02"N 126°24'12"E

Substitute Depth 10.4 meters enclosed by depth contour  
 (20-meter) for dangerous wreck 37°18'00"N 126°24'12"E  
 (22(282)11 Busan; ROK CH 3438)

**803222** 1Ed. 8/30/08 LAST NM N34/18 N33/19  
 Change Range of light to 9M 37°06'17"N 126°32'33"E

Add Beacon YBY, double cone topmark points  
 together, Q(9) 15s 16m 10M [Q130.3]  
 37°07'31"N 126°36'30"E

Legend "Works" 37°07'03"N 126°40'33"E

Light Fl G 4s 17m 8M 37°07'03"N 126°40'28"E  
 Light Fl(2) Y 6s 13m 8M 37°07'02"N 126°40'24"E

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<b>803222</b>	(Continued)		33/19		
	Light Fl(2) Y 6s 13m 8M	37°06'57"N	126°40'25"E		
	(40(758)16, 18(316), 38(761), 49(1091)18 Busan; KOR LL)				
<b>★803333</b>	1Ed. 12/28/96 NEW CHART (NIMA)		N8/97		
<b>803333</b>	1Ed. 12/28/96 LAST NM N8/97		N17/99		
Add	Chartlet, depicting changes in hydrography, from Subsection I-2 (Aus CH 260)	22°19'00"S	150°34'00"E		
<b>803333</b>	1Ed. 12/28/96 LAST NM N17/99		N32/99		
Add	Note from Subsection I-2 in lower right margin of chart (6(176)99 Wollongong)				
<b>803333</b>	1Ed. 12/28/96 LAST NM N32/99		N10/12		
Delete	Dashed line and legend "Port Clinton Port limits" between	22°28'44"S 22°31'01"S	150°45'30"E 150°46'14"E		
	Dashed line between (2(92)12 Wollongong)	22°31'07"S 22°31'18"S	150°46'15"E 150°46'12"E		
<b>★803400</b>	1Ed. 3/20/10 NEW CHART (NGA)		N40/10		
<b>★803401</b>	1Ed. 11/7/09 NEW CHART (NGA)		N24/10		
<b>★803405</b>	1Ed. 3/14/09 NEW CHART (NGA)		N46/09		
<b>803405</b>	1Ed. 3/14/09 LAST NM N46/09		N41/17		
Delete	Depth 19.1 meters	36°35'03"N	126°06'09"E		
Add	Depth 15.5 meters (ROK CH 3418)	36°35'13"N	126°06'17"E		
<b>803405</b>	1Ed. 3/14/09 LAST NM N41/17		N44/17		
Delete	Depth 4.2 meters	36°31'32"N	126°27'11"E		
Change	Bottom characteristic "S" to "R"	36°31'26"N	126°27'12"E		
Add	Depth 3.5 meters (ROK CH 3100)	36°31'28"N	126°27'11"E		
<b>★803406</b>	1Ed. 1/12/13 NEW CHART (NGA)		N20/13		
<b>★803408</b>	1Ed. 4/4/09 NEW CHART (NGA)		N47/09		
<b>★803410</b>	2Ed. 5/20/17 NEW EDITION (NGA)		N38/17		
<b>★803416</b>	1Ed. 5/9/15 NEW CHART (NGA)		N16/16		
<b>★803417</b>	2Ed. 5/6/17 NEW EDITION (NGA)		N29/17		
<b>★803418</b>	2Ed. 5/13/17 NEW EDITION (NGA)		N29/17		
<b>★803421</b>	1Ed. 11/26/16 NEW CHART (NGA)		N13/17		
<b>803421</b>	1Ed. 11/26/16 LAST NM N13/17		N20/18		
Delete	Light	34°03'12"N	127°17'47"E		
Change	Height of light to 14m (12(202)18 Busan; ROK LL)	34°01'43"N	127°18'28"E		
<b>803421</b>	1Ed. 11/26/16 LAST NM N20/18		N28/18		
Change	Height of light to 11m (ROK LL)	34°19'50"N	127°04'35"E		
<b>★803424</b>	1Ed. 12/3/16 NEW CHART (NGA)		N26/17		
<b>803424</b>	1Ed. 12/3/16 LAST NM N26/17		N38/17		
Change	Height of light to 13m	34°36'07"N	126°12'42"E		
Add	Legend "Deep Water Route" (ROK CH 3131; ROK LL)	34°34'54"N	126°10'59"E		
<b>803424</b>	1Ed. 12/3/16 LAST NM N38/17		N28/18		
Relocate	Buoy "No 4" from 34°28'02"N to 34°27'52"N	126°05'28"E 126°05'19"E			
Substitute	Buoy ODAS [Q58] Y, spherical for superbuoy ODAS	34°26'33"N	126°03'25"E		
Change	Height of light to 33m Height of beacon to 15m (ROK CH 3131; ROK LL)	34°31'53"N 34°16'25"N	126°06'17"E 126°05'37"E		
<b>★803424</b>	1Ed. 12/3/16 LAST NM N28/18		N9/19		
Change	Legend (depth contour value) to "20"	34°32'49"N	126°00'41"E		
Add	Depth 9.5 meters, blue tint and enclosing depth contour (10-meter) centered Depth 7.3 meters, blue tint and enclosing depth contour (10-meter) centered	34°32'29"N 34°32'27"N	126°00'48"E 126°01'00"E		
	Fish haven area with blue tint [K46.1] bound by dotted line (limiting danger line) joining	34°32'50"N 34°32'24"N 34°32'23"N 34°32'48"N	126°00'59"E 126°01'03"E 126°00'48"E 126°00'44"E		
	(NGA; ROK CH 3131)				
<b>803424</b>	1Ed. 12/3/16 LAST NM N9/19		N19/19		
Delete	AIS from light AIS from light AIS from light Buoy	34°36'07"N 34°31'27"N 34°37'16"N 34°37'45"N	126°12'42"E 126°04'27"E 125°48'12"E 126°11'17"E		
Change	Buoy to R, pillar, cone topmark, Fl(2) R 6s	34°37'38"N	126°11'33"E		
Add	Beacon YBY, double cone topmark points together. Q(9) W 15s 13m 8M [Q130.3] Depth 16.5 meters Fish haven [K46.2] Buoy G, pillar, can topmark, Fl(2) G 6s	34°37'28"N 34°37'38"N 34°37'42"N	126°06'20"E 125°52'12"E 126°11'18"E		
	(16(254), 27(434)17, 10(175), 17(287, 288)18 Busan; ROK CH 3154)				
<b>803424</b>	1Ed. 12/3/16 LAST NM N19/19		N20/19		
Delete	Reef (1.3) (32(584)14 Busan)	34°37'10"N	126°10'53"E		
<b>★803426</b>	1Ed. 9/21/13 NEW CHART (NGA)		N5/14		
<b>803426</b>	1Ed. 9/21/13 LAST NM N5/14		N36/16		
Add	Buoy "ST 14" Y, conical, Fl Y 10s [Q130.6] Buoy "ST 15" Y, conical, Fl Y 10s [Q130.6]	28°39'48"N 28°41'30"N	48°39'30"E 48°26'30"E		
	(1(130)16 Taunton)				
<b>803426</b>	1Ed. 9/21/13 LAST NM N36/16		N4/17		
Delete	Buoy (mooring) "S3"	28°44'37"N	48°26'11"E		
Relocate	Buoy (mooring) "S4" from 28°45'07"N 48°22'46"E to Buoy (mooring) "S5" from 28°42'13"N 48°23'46"E	28°44'58"N 28°42'03"N	48°22'35"E 48°23'48"E		
	(continued on next page)				

<b>803426</b>	(Continued)		4/17						
	Buoy "ST 14" from 28°39'48"N 48°39'30"E to 28°41'11"N 48°39'38"E								
	(See N36/16-803426)								
Add	Buoy Or, Spar, Fl G 28°45'14"N 48°26'20"E Light Fl R 2s 28°45'13"N 48°25'49"E Buoy (mooring) [Q41] Or, spherical, Q 28°45'14"N 48°25'43"E Buoy (mooring) [Q41] "S3" Or, spherical, Q 28°44'07"N 48°23'55"E								
	(20(2459), 38(4765)16 Taunton; UKHO ARCS 1223-3)								
<b>803426</b>	1Ed. 9/21/13 LAST NM N4/17 Change Light to Fl G 3s 5M (24(2738)17 Taunton)			N35/17	28°25'08"N 48°31'44"E				
<b>★803427</b>	1Ed. 4/16/11 NEW CHART (NGA)			N5/12					
<b>803427</b>	1Ed. 4/16/11 LAST NM N5/12 Delete Light (ROK CH 241)			N17/12	34°51'47"N 127°45'50"E				
<b>803427</b>	1Ed. 4/16/11 LAST NM N17/12 Add Fish haven symbol [K46.1] (11(61), 13(69)12 Inchon)			N20/12	34°51'32"N 128°10'29"E 34°51'30"N 128°13'54"E				
<b>803427</b>	1Ed. 4/16/11 LAST NM N20/12 Add Fish haven symbol [K46.1] (16(81)12 Inchon)			N22/12	34°48'48"N 128°22'13"E				
<b>803427</b>	1Ed. 4/16/11 LAST NM N22/12 Delete Buoy "No B" (27(383)12 Inchon)			N23/13	34°51'58"N 127°45'14"E				
<b>803427</b>	1Ed. 4/16/11 LAST NM N23/13 Delete Buoy "No A" (33(492)12 Inchon)			N28/13	34°50'17"N 127°47'10"E				
<b>803427</b>	1Ed. 4/16/11 LAST NM N28/13 Change Height of light "No B" to 14m (ROK LL) Height of light "No A" to 14m			N30/18	34°50'47"N 127°46'54"E 34°50'31"N 127°46'56"E				
<b>★803429</b>	1Ed. 1/9/10 NEW CHART (NGA)			N31/10					
<b>★803431</b>	2Ed. 4/8/17 NEW EDITION (NGA)			N24/17					
<b>★803432</b>	2Ed. 2/17/18 NEW EDITION (NGA)			N20/18					
<b>★803433</b>	1Ed. 8/7/10 NEW CHART (NGA)			N14/11					
<b>803433</b>	1Ed. 8/7/10 LAST NM N14/11 Delete Buoy "No D" (9(147)11 Inchon)			N19/11	35°41'12"N 126°30'01"E				
<b>803433</b>	1Ed. 8/7/10 LAST NM N19/11 Change Light to Fl 5s 178m 12M AIS (24(394)16 Inchon; 15(515)13 Tianjin)			N49/16	35°39'46"N 126°06'23"E				
<b>803433</b>	1Ed. 8/7/10 LAST NM N49/16 Change Light to Fl G 6s 11m 9M (ROK LL)			N41/17	35°34'45"N 126°30'43"E				
<b>803433</b>	1Ed. 8/7/10 LAST NM N41/17 Change Light to Fl(2) G 6s 13m 9M AIS (ROK LL) Light to Fl(2) R 6s 12m 9M			N11/18	35°37'13"N 126°18'04"E 35°37'13"N 126°18'00"E				
<b>★803434</b>	1Ed. 7/5/14 NEW CHART (NGA)			N39/14					
<b>★803435</b>	1Ed. 6/6/15 NEW CHART (NGA)			N16/16					
<b>803435</b>	1Ed. 6/6/15 LAST NM N16/16 Delete Yard scale bar from left margin of chart Yard scale bar from right margin of chart			N17/16					
	Substitute Chartlet, depicting changes in scale bar, from Subsection I-2 in upper margin of chart for same								
	(NGA)								
<b>★803436</b>	1Ed. 3/21/09 NEW CHART (NGA)			N47/09					
<b>★803438</b>	1Ed. 2/24/12 NEW CHART (NGA)			N34/12					
<b>803438</b>	1Ed. 2/24/12 LAST NM N34/12 Add Radio reporting line [M40.2] with legend "VTS" joining			N39/17	37°00'46"N 126°14'45"E 36°57'32"N 126°10'04"E 36°51'47"N 126°07'03"E				
	Radio reporting line, radio reporting point symbols with direction pointer (inbound) [M40.2] and legend "VTS" between				36°51'47"N 126°07'03"E 36°50'45"N 126°08'57"E				
	(ROK CH 3415, 3417)								
<b>803438</b>	1Ed. 2/24/12 LAST NM N39/17 Delete AIS from light AIS from light AIS from buoy "10" AIS from buoy "12" (8(146)18 Busan; ROK CH 3436)			N23/18	37°00'10"N 126°18'57"E 36°59'00"N 126°18'06"E 37°00'12"N 126°18'38"E 37°00'27"N 126°19'08"E				
<b>★803442</b>	1Ed. 6/3/17 NEW CHART (NGA)			N44/17					
<b>803442</b>	1Ed. 6/3/17 LAST NM N44/17 Change Height of light to 26m Height of light to 39m Height of light to 15m (ROK LL)			N28/18	34°29'40"N 127°07'38"E 34°30'07"N 127°07'43"E 34°26'43"N 127°13'20"E				
<b>803442</b>	1Ed. 6/3/17 LAST NM N28/18 Change Height of beacon to 14m (ROK LL)			N30/18	34°27'57"N 127°17'00"E				
<b>★803444</b>	1Ed. 8/31/13 NEW CHART (NGA)			N5/14					
<b>803444</b>	1Ed. 8/31/13 LAST NM N5/14 Delete Dashed line between Add Legend "Wks" (4(452)16 Taunton)			N16/16	12°47'39"N 44°59'42"E 12°47'39"N 44°59'39"E 12°47'40"N 44°59'38"E				
<b>★803445</b>	1Ed. 11/21/09 NEW CHART (NGA)			N17/11					
<b>803445</b>	1Ed. 11/21/09 LAST NM N17/11 Change Visibility (range) of light to 8M Visibility (range) of light to 8M (26(356)15 Inchon)			N33/15	37°34'55"N 129°06'53"E 37°34'53"N 129°06'50"E				
<b>803445</b>	1Ed. 11/21/09 LAST NM N33/15 Change Visibility (range) of light to 8M Visibility (range) of light to 9M and add floodlight symbol [P63]			N35/15	37°32'36"N 129°06'55"E 37°29'51"N 129°08'58"E				

(continued on next page)

<b>803445</b>	(Continued)			35/15	
	Visibility (range) of light to 12M and add AIS [S17.1]	37°29'48"N	129°08'41"E		
Add	Depth 16.5 meters enclosed by depth contour (20-meter) centered	37°32'04"N	129°09'08"E		
	Depth 14.8 meters enclosed by depth contour (20-meter) centered	37°32'01"N	129°09'08"E		
	Depth 13.3 meters	37°26'43"N	129°11'51"E		
	Light Fl R 5s 14m 8M AIS	37°33'59"N	129°07'25"E		
	AIS [S17.1] to light	37°33'16"N	129°07'07"E		
	AIS [S17.1] to light	37°32'22"N	129°07'13"E		
	(35(654), 45(876)14, 2(29), 10(113), 23(298)15 Inchon; UKHO LL)				
<b>803445</b>	1Ed. 11/21/09 LAST NM N35/15			N36/15	
Change	Height of light to 91m	37°33'18"N	129°07'09"E		
Add	Radio reporting line [M40.2], lesser arc of a circle, radius 12 miles, with legend "VTS", centered	37°33'17"N	129°07'05"E		
	arc between	37°45'03"N	129°03'57"E		
		37°30'58"N	129°21'54"E		
	(22(336), 28(505)14 Inchon)				
<b>803445</b>	1Ed. 11/21/09 LAST NM N36/15			N37/15	
Change	Visibility (range) of light to 8M	37°30'01"N	129°08'15"E		
Add	Depth 20 meters Fish haven [K46.2]	37°39'04"N	129°04'00"E		
	Depth 10.8 meters Fish haven [K46.2]	37°33'26"N	129°07'30"E		
	(50(869)13, 30(415)15 Inchon)				
<b>803445</b>	1Ed. 11/21/09 LAST NM N37/15			N51/15	
Change	Visibility (range) of light to 18M (See N35/15-803445)	37°32'22"N	129°07'13"E		
	(50(835)12 Inchon)				
<b>803445</b>	1Ed. 11/21/09 LAST NM N51/15			N3/16	
Delete	Buoy "A"	37°32'13"N	129°07'01"E		
Add	Submarine pipeline (water) [L40.1] joining	37°28'43"N	129°09'40"E		
		37°28'43"N	129°11'09"E		
		37°31'18"N	129°17'57"E		
	(52(804)09, 42(636)11 Inchon)				
<b>803445</b>	1Ed. 11/21/09 LAST NM N3/16			N23/16	
Change	Visibility (range) of light to 10M	37°34'32"N	129°07'00"E		
	Visibility (range) of light to 9M (See N35/15-803445)	37°29'48"N	129°08'41"E		
Add	Double solid line with land tint (bridge) [D22] between	37°29'28"N	129°08'44"E		
		37°29'38"N	129°08'37"E		
	Light FWRG 13m 7M	37°29'35"N	129°08'39"E		
	(9(110), 13(167)16 Inchon; UKHO LL)				
<b>803445</b>	1Ed. 11/21/09 LAST NM N23/16			N9/17	
Add	Double dashed line with land tint (breakwater) [F4.1] and legend "Works in progress" joining	37°30'11"N	129°08'44"E		
		37°30'15"N	129°09'24"E		
		37°30'08"N	129°09'51"E		
	Buoy "A" Y, pillar, "X" topmark, Fl(4) Y 8s [Q130.6]	37°30'24"N	129°09'25"E		
	Buoy "B" Y, pillar, "X" topmark, Fl(4) Y 8s [Q130.6]	37°30'19"N	129°08'41"E		
	Buoy "C" Y, pillar, "X" topmark, Fl(4) Y 8s [Q130.6]	37°30'02"N	129°08'44"E		
	Buoy "B" Y, pillar, "X" topmark, Fl(3) Y 7s [Q130.6]	37°29'37"N	129°09'02"E		
	Buoy "D" Y, pillar, "X" topmark, Fl(3) Y 7s [Q130.6]	37°30'06"N	129°09'16"E		
	(36(687), 37(700), 40(750)16 Inchon)				
<b>803445</b>	1Ed. 11/21/09 LAST NM N9/17			N43/17	
Substitute	Depth 7.4 meters for 8.2 meters	37°32'47"N	129°07'32"E		
Change	Characteristic of buoy "D" to Fl(4) Y 8s (See N9/17- 803445)	37°30'06"N	129°09'16"E		
Add	Buoy "E" Y, pillar, "X" topmark, Fl(4) Y 8s [Q130.6]	37°30'00"N	129°09'50"E		
	Buoy "F" Y, pillar, "X" topmark, Fl(4) Y 8s [Q130.6]	37°30'16"N	129°09'57"E		
	(6(104)17 Busan; 2(159)17 Taunton)				
<b>803445</b>	1Ed. 11/21/09 LAST NM N43/17			N45/17	
Delete	Depth 11.5 meters	37°30'47"N	129°08'14"E		
	Depth 15.8 meters	37°32'52"N	129°07'35"E		
	Dashed line (anchorage area limit) joining	37°33'23"N	129°07'22"E		
		37°32'36"N	129°07'07"E		
		37°32'11"N	129°07'51"E		
	Dashed line (anchorage area limit) joining	37°33'23"N	129°08'12"E		
		37°33'23"N	129°08'22"E		
		37°32'11"N	129°08'22"E		
		37°32'11"N	129°08'12"E		
	Legend "Anchorage Area"	37°32'44"N	129°07'51"E		
Substitute	Depth 16.7 meters, R [J9.1] for 19.6 meters	37°30'59"N	129°08'48"E		
Add	Depth 8.6 meters, blue tint and enclosing depth contour (10-meter) with bottom characteristic "R" [J9.1]	37°30'43"N	129°08'17"E		
	Depth 20 meters enclosed by depth contour (20-meter) with bottom characteristic "R" [J9.1]	37°32'36"N	129°08'03"E		
	Depth 21.5 meters	37°32'42"N	129°08'16"E		
	Depth 10.9 meters	37°32'56"N	129°07'35"E		
	(51(6458)16, 1(53)17 Taunton; ROK CH 1519)				
<b>803445</b>	1Ed. 11/21/09 LAST NM N45/17			N46/17	
Delete	Depth 12.2 meters	37°31'08"N	129°07'48"E		
Add	Depth 10 meters, blue tint and enclosing depth contour (10-meter) with bottom characteristic "R" [J9.1]	37°31'10"N	129°07'49"E		
	Depth 18.9 meters	37°32'36"N	129°07'40"E		
	Depth 9.3 meters Obstn [K41]	37°28'51"N	129°09'45"E		
	Depth 19.1 meters, R [J9.1] and extend depth contour (20-meter) NE to enclose	37°33'10"N	129°07'49"E		
	Depth 19.9 meters Obstn [K41]	37°28'59"N	129°10'07"E		
	Depth 16.2 meters Fish Haven [K46.2]	37°28'48"N	129°10'16"E		
	(ROK CH 1519)				
<b>803445</b>	1Ed. 11/21/09 LAST NM N46/17			N48/17	
Substitute	Depth 3.7 meters for 5 meters	37°28'31"N	129°10'50"E		
	Note: Bottom characteristic "R" remains				
Add	Submarine pipeline (water) [L41.1] joining	37°28'53"N	129°09'28"E		
		37°28'52"N	129°09'37"E		
		37°28'53"N	129°09'43"E		
		37°28'55"N	129°09'49"E		
		37°28'57"N	129°10'00"E		
		37°29'01"N	129°10'17"E		
		37°29'01"N	129°10'26"E		
		37°29'08"N	129°10'48"E		
		37°29'08"N	129°10'52"E		
	Submarine pipeline (water) [L41.1] joining	37°28'52"N	129°09'37"E		
		37°28'51"N	129°09'38"E		
		37°28'51"N	129°10'11"E		
		37°28'56"N	129°10'18"E		
		37°28'57"N	129°10'29"E		
		37°29'00"N	129°10'40"E		
		37°29'05"N	129°10'50"E		
	(ROK CH 1519)				
<b>803445</b>	1Ed. 11/21/09 LAST NM N48/17			N9/18	
Delete	Buoy "B"	37°29'37"N	129°09'02"E		
	(See N9/17-803445)				
	(1(4)18 Busan)				
<b>803445</b>	1Ed. 11/21/09 LAST NM N9/18			N34/18	
Add	Buoy "B" Y, pillar, "X" topmark, Fl(2) Y 6s [Q130.6]	37°29'42"N	129°09'49"E		

(continued on next page)

<b>803445</b>	(Continued)		34/18						
	Buoy "A" Y, pillar, "X" topmark, Fl(4) Y 8s [Q130.6]	37°29'54"N	129°09'10"E						
	Buoy "C" Y, pillar, "X" topmark, Fl(4) Y 8s [Q130.6]	37°29'15"N	129°09'45"E						
	(14(228)18 Busan)								
<b>803445</b>	1Ed. 11/21/09 LAST NM N34/18		N46/18						
Delete	Radio reporting line lesser arc of a circle and legend "VTS" centered arc between	37°33'17"N	129°07'05"E						
		37°45'03"N	129°03'57"E						
		37°30'58"N	129°21'54"E						
Add	Radio reporting line [M40.2] with legend "Donghae VTS" between	37°40'43"N	129°03'07"E						
		37°45'05"N	129°04'02"E						
	Radio reporting line [M40.2] with legend "Donghae VTS" joining	37°45'10"N	129°04'12"E						
		37°44'01"N	129°13'44"E						
		37°30'58"N	129°21'52"E						
	Buoy Y, pillar, "X" topmark, Fl(4) Y 8s [Q130.6]	37°28'58"N	129°09'36"E						
	(38(751), 40(791)18 Busan)								
<b>803445</b>	1Ed. 11/21/09 LAST NM N46/18		N7/19						
Delete	Buoy	37°32'25"N	129°12'40"E						
Change	Light to Fl R 4s 15m 7M	37°39'54"N	129°03'20"E						
Add	Land tint to area bound by shore and solid line joining	37°29'30"N	129°08'49"E						
		37°29'31"N	129°08'51"E						
		37°29'36"N	129°08'48"E						
		37°29'36"N	129°08'47"E						
		37°29'34"N	129°08'44"E						
		37°29'30"N	129°08'47"E						
	and delete all hydrography and topography within above area								
	Solid line (pier) [F14] between	37°29'36"N	129°08'47"E						
		37°29'39"N	129°08'47"E						
	Light Fl(4) Y 8s 12m 6M	37°29'39"N	129°08'47"E						
	Buoy "C" R, pillar, cone topmark, Fl(2) R 6s	37°29'38"N	129°09'34"E						
	Buoy ODAS [Q58] Y, pillar, "X" topmark, Fl(5) Y 20s	37°32'14"N	129°12'58"E						
	Depth 9.6 meters and extend depth contour (10-meter) and blue tint E to enclose	37°34'07"N	129°07'31"E						
	(45(815)17, 36(702), 43(896), 48(1049), 51(1128)18 Busan; ROK CH 1500)								
<b>803445</b>	1Ed. 11/21/09 LAST NM N7/19		N16/19						
Delete	Depth 4.2 meters	37°34'12"N	129°07'18"E						
Substitute	Depth 0.9 meter Rk [K14.2] for depth 2.3 meters	37°39'24"N	129°03'27"E						
Change	Range of light to 9M	37°38'53"N	129°03'03"E						
	Range of light to 9M	37°38'55"N	129°02'59"E						
Add	AIS [S17.1] to light Depth 3.5 meters Fish haven [K46.2]	37°40'33"N	129°03'14"E						
		37°34'14"N	129°07'20"E						
	(52(792)09, 35(653), 49(996)14, 13(168), 18(264)16 Busan)								
<b>803445</b>	1Ed. 11/21/09 LAST NM N16/19		N17/19						
Change	Range of light to 8M	37°33'37"N	129°07'18"E						
	Range of light to 8M (ROK CH 1413)	37°33'38"N	129°07'21"E						
<b>★803450</b>	1Ed. 4/17/10 NEW CHART (NGA)		N40/10						
<b>★803451</b>	1Ed. 1/29/11 NEW CHART (NGA)		N26/11						
<b>803451</b>	1Ed. 1/29/11 LAST NM N26/11		N20/12						
Relocate	Buoy (ODAS) from 34°33'58"N 128°23'29"E to 34°34'10"N 128°21'58"E								
Add	Fish haven symbol [K46.1]	34°51'32"N	128°10'29"E						
		(11(61, 153), 13(69)12 Inchon)							
<b>803451</b>	1Ed. 1/29/11 LAST NM N20/12		N22/12						
Add	Fish haven symbol [K46.1]	34°48'48"N	128°22'13"E						
	(16(81)12 Inchon)								
<b>803451</b>	1Ed. 1/29/11 LAST NM N22/12		N20/17						
Substitute	Depth 23 meters for 25 meters	34°33'05"N	128°43'01"E						
	Depth 15.6 meters for 13 meters (ROK CH 2112)	34°41'28"N	128°44'32"E						
<b>803451</b>	1Ed. 1/29/11 LAST NM N20/17		N27/17						
Delete	Depth 67 meters (4(42)14 Inchon)	34°43'07"N	128°41'14"E						
<b>803451</b>	1Ed. 1/29/11 LAST NM N27/17		N34/18						
Add	Beacon BYB, double cone topmark bases together, Q(3) 10s 10m 8M [Q130.3]	34°50'57"N	128°27'19"E						
	(22(279)11 Busan)								
<b>★803452</b>	1Ed. 2/14/09 NEW CHART (NGA)		N10/10						
<b>803452</b>	1Ed. 2/14/09 LAST NM N10/10		N26/18						
Delete	Light	39°07'53.2"N	127°44'32.0"E						
Add	Light L Fl 15M (UKHO ARCS 884-1; UKHO LL)	39°07'44.8"N	127°44'42.0"E						
<b>★803453</b>	1Ed. 6/7/14 NEW CHART (NGA)		N36/14						
<b>★803455</b>	1Ed. 12/10/11 NEW CHART (NGA)		N20/12						
<b>803455</b>	1Ed. 12/10/11 LAST NM N20/12		N41/13						
Delete	Buoy (32/13 CG11)	33°20'17"N	117°37'07"W						
<b>803455</b>	1Ed. 12/10/11 LAST NM N41/13		N30/14						
Add	Submarine cable [L30.1] joining	33°18'46"N	117°46'22"W						
		33°15'30"N	117°42'44"W						
		33°06'29"N	117°33'13"W						
	(NOS)								
<b>803455</b>	1Ed. 12/10/11 LAST NM N30/14		N9/15						
Change	Light to "3" Fl G 4s 10m 5M Horn (MRASS)	33°27'16"N	117°41'30"W						
Add	Note No. 7 to NOTES in left upper margin of chart "7. Mariner Activated Sound Signal (MRASS) horns are activated by keying the microphone 5 times on VHF-FM Ch 81A. Horn will then operate for 30 minutes." (48/14 CG11)								
<b>803455</b>	1Ed. 12/10/11 LAST NM N9/15		N10/16						
Change	Legend to "3.9m"	33°12'17"N	117°24'06"W						
	Legend to "5.8m"	33°12'28"N	117°23'53"W						
	Legend to "5.5m"	33°12'31"N	117°24'12"W						
	(NOS)								
<b>803455</b>	1Ed. 12/10/11 LAST NM N10/16		N36/16						
Add	Legend "(MRASS)" at light (6/16 CG11)	33°12'22"N	117°23'59"W						
<b>803455</b>	1Ed. 12/10/11 LAST NM N36/16		N22/17						
Change	Legend to "Obstn Area (12.8m rep)"	33°12'33"N	117°26'00"W						
Add	Depth 9.4 meters	33°12'42"N	117°25'08"W						
	Depth 12.4 meters (NOS)	33°12'52"N	117°25'22"W						

<b>★803456</b>	1Ed. 5/2/09	NEW CHART		N47/09	
	(NGA)				
<b>803456</b>	1Ed. 5/2/09	LAST NM N47/09		N46/11	
Add	Depth 16.2 meters	Wk [K26]	37°06'54"N	129°23'20"E	
	(38(572)11	Inchon)			
<b>803456</b>	1Ed. 5/2/09	LAST NM N46/11		N36/15	
Add	Radio reporting line [M40.2] with legend	"VTS" joining	37°12'42"N	129°20'51"E	
			37°12'42"N	129°22'36"E	
			37°08'42"N	129°23'55"E	
			37°08'42"N	129°21'52"E	
	(22(336)14	Inchon)			
<b>803456</b>	1Ed. 5/2/09	LAST NM N36/15		N32/19	
Add	Chartlet, depicting changes in hydrography,	topography and aids to navigation, from	37°10'42"N	129°21'46"E	
	Subsection I-2				
	(25(405)14	Busan; KOR CH 1414)			
<b>★803457</b>	1Ed. 12/19/09	NEW CHART		N40/10	
	(NGA)				
<b>★803458</b>	1Ed. 7/25/09	NEW CHART		N46/09	
	(NGA)				
<b>803458</b>	1Ed. 7/25/09	LAST NM N46/09		N33/15	
Change	Visibility (range) of light to 8M		37°18'42"N	129°17'32"E	
	(26(357)15	Inchon)			
<b>803458</b>	1Ed. 7/25/09	LAST NM N33/15		N35/15	
Add	Depth 13.3 meters		37°26'43"N	129°11'51"E	
	(10(113)15	Inchon)			
<b>803458</b>	1Ed. 7/25/09	LAST NM N35/15		N36/15	
Add	Radio reporting line [M40.2] with legend	"VTS" joining	37°12'42"N	129°20'51"E	
			37°12'42"N	129°22'36"E	
			37°11'18"N	129°23'04"E	
	(22(336)14	Inchon)			
<b>803458</b>	1Ed. 7/25/09	LAST NM N36/15		N46/18	
Add	Radio reporting line [M40.2] with legend	"Donghae VTS" joining	37°32'57"N	129°20'36"E	
			37°26'40"N	129°24'32"E	
			37°21'24"N	129°18'12"E	
			37°22'50"N	129°15'35"E	
	(38(751)18	Busan)			
<b>803458</b>	1Ed. 7/25/09	LAST NM N46/18		N16/19	
Delete	Buoy		37°25'11"N	129°12'16"E	
Change	Range of light to 9M		37°25'57"N	129°11'38"E	
	and add floodlight symbol [P63]				
	Range of light to 9M		37°25'59"N	129°11'45"E	
Add	Fish haven area with blue tint [K46.1] bound by	dotted line (limiting danger line) joining	37°25'30"N	129°12'03"E	
			37°25'31"N	129°12'46"E	
			37°25'49"N	129°12'46"E	
			37°25'49"N	129°12'03"E	
	(51(906)13, 45(877)14, 27(441)16, 39(767)18	Busan)			
<b>803458</b>	1Ed. 7/25/09	LAST NM N16/19		N32/19	
Add	Chartlet, depicting changes in hydrography,	topography and aids to navigation, from	37°11'40"N	129°21'33"E	
	Subsection I-2				
	(25(405)14	Busan; KOR CH 1414)			
<b>★803459</b>	1Ed. 12/10/16	NEW CHART		N19/17	
	(NGA)				
<b>803459</b>	1Ed. 12/10/16	LAST NM N19/17		N6/18	
Delete	Buoy		14°45'50.0"N	120°13'18.7"E	
	Buoy		14°48'19.7"N	120°13'01.2"E	
	(9(214)16, 6(36)17	Manila)			
<b>803459</b>	1Ed. 12/10/16	LAST NM N6/18		N32/18	
Delete	Buoy		14°48'29.0"N	120°15'33.6"E	
	Buoy		14°46'47.5"N	120°12'47.5"E	
	Buoy		14°46'58.6"N	120°12'25.4"E	
	(6(29)18	Manila)			
<b>803459</b>	1Ed. 12/10/16	LAST NM N32/18		N46/18	
Delete	Buoy		14°48'31.7"N	120°14'13.2"E	
	Buoy		14°47'58.3"N	120°14'42.6"E	
	(7(37), 8(42)18	Manila)			
<b>★803461</b>	1Ed. 2/26/11	NEW CHART		N29/11	
	(NGA)				
<b>803461</b>	1Ed. 2/26/11	LAST NM N29/11		N13/12	
Delete	Buoy "A"		34°58'05"N	128°26'40"E	
	(10(157)11	Inchon)			
<b>803461</b>	1Ed. 2/26/11	LAST NM N13/12		N22/12	
Add	Fish haven symbol [K46.1]		34°48'48"N	128°22'13"E	
	(16(81)12	Inchon)			
<b>803461</b>	1Ed. 2/26/11	LAST NM N22/12		N27/17	
Delete	Depth 15 meters		34°59'31"N	128°44'33"E	
Add	Depth 13.6 meters		34°59'23"N	128°44'44"E	
	(ROK CH 2131)				
<b>803461</b>	1Ed. 2/26/11	LAST NM N27/17		N45/17	
Add	Buoy "B" Y, pillar, "X" topmark, Fl(4) Y 8s	[Q130.6]	35°04'15"N	128°44'23"E	
	Solid line (breakwater) [F4.1] between		35°05'17"N	128°43'24"E	
			35°05'18"N	128°43'42"E	
	Light Fl(2) G 6s 20m 8M		35°05'18"N	128°43'42"E	
	(13(205), 23(351)17	Busan)			
<b>803461</b>	1Ed. 2/26/11	LAST NM N45/17		N46/17	
Substitute	Depth 9.4 meters, R [J9.1] for 10 meters		35°05'41"N	128°40'55"E	
	Note: Blue tint and enclosing depth contour	(10-meter) remain			
Change	Vertical clearance of overhead power cable to	33 meters	34°57'48"N	128°43'16"E	
	Vertical clearance of bridge to 36 meters		35°00'59"N	128°43'31"E	
	Beacon to YB, double cone topmark points	downward, Q(6) + L Fl 15s 9M [Q130.3]	35°05'28"N	128°44'02"E	
Add	Buoy BYB, pillar, double cone topmark bases	together, Q(3) 10s [Q130.3]	35°01'54"N	128°44'14"E	
	Radio reporting line, radio reporting point	symbols with direction pointer (inbound)			
	[M40.2] and legend "VTS" joining		34°55'36"N	128°36'07"E	
			34°54'53"N	128°33'51"E	
			34°56'36"N	128°26'08"E	
	Radio reporting line [M40.2] with legend	"VTS" joining	35°05'42"N	128°43'12"E	
			35°05'06"N	128°43'24"E	
			35°04'10"N	128°44'52"E	
	Radio reporting line [M40.2] with legend	"VTS" between	34°58'18"N	128°44'52"E	
			34°57'45"N	128°43'04"E	
	Double solid line with land tint (bridge) [D22]	between	35°05'24"N	128°43'14"E	
			35°05'19"N	128°43'18"E	
	Depth 11.3 meters		35°05'23"N	128°41'17"E	
	Light Iso 4s 7m 7M		35°05'23"N	128°43'14"E	
	(ROK CH 2112, 2132, 2154, 2228; ROK LL)				
<b>803461</b>	1Ed. 2/26/11	LAST NM N46/17		N34/18	
Add	Beacon BYB, double cone topmark bases	together, Q(3) 10s 10m 8M [Q130.3]	34°50'57"N	128°27'19"E	
	(22(279)11	Busan)			

<b>803461</b>	1Ed. 2/26/11	LAST NM N34/18	N21/19
Delete	Dangerous wreck	35°07'23"N 128°40'42"E	
	Dangerous wreck	35°06'42"N 128°40'07"E	
	Dangerous wreck	35°02'12"N 128°36'42"E	
	Dangerous wreck	35°05'47"N 128°40'40"E	
Substitute	Light Fl(4) Y 8s 6M for beacon	35°06'24"N 128°41'08"E	
Add	Depth 9.3 meters Wk [K26] (2(17)14 Busan; ROK CH 2112)	35°06'24"N 128°41'01"E	
<b>★803462</b>	1Ed. 3/12/11	NEW CHART	N41/11
	(NGA)		
<b>803462</b>	1Ed. 3/12/11	LAST NM N41/11	N45/15
Delete	Depth 6 meters	35°13'56"N 126°02'46"E	
Add	Depth 3.5 meters and extend depth contour (5-meter) SE to enclose (52(5440)13 Taunton)	35°13'56"N 126°02'42"E	
<b>803462</b>	1Ed. 3/12/11	LAST NM N45/15	N33/16
Delete	Depth 11.2 meters	35°10'13"N 126°20'24"E	
	Depth 2.4 meters	35°10'08"N 126°20'25"E	
	Depth 15.1 meters	35°10'05"N 126°20'37"E	
	Depth 13.1 meters	35°09'03"N 126°21'25"E	
Change	Height of light to 24m	35°10'29"N 126°20'30"E	
Add	Buoy "No D" Y, pillar, "X" topmark, Fl(4)Y 8s [Q130.6]	35°09'46"N 126°20'57"E	
	Buoy "No 2" R, pillar, cone topmark, Fl R 4s	35°09'52"N 126°21'07"E	
	Buoy "No 1" G, pillar, can topmark, Fl G 4s	35°09'57"N 126°21'15"E	
	Buoy "No A" Y, pillar, "X" topmark [Q130.6]	35°10'01"N 126°21'22"E	
	Buoy "No C" Y, pillar, "X" topmark [Q130.6]	35°09'35"N 126°21'08"E	
	Buoy "No 4" R, pillar, cone topmark, Fl R 4s	35°09'41"N 126°21'17"E	
	Buoy "No 3" G, pillar, can topmark, Fl G 4s	35°09'46"N 126°21'25"E	
	Buoy "No B" Y, pillar, "X" topmark [Q130.6]	35°09'52"N 126°21'35"E	
	Rock which covers and uncovers (0.4) [K11]	35°10'07"N 126°20'27"E	
	Rock which covers and uncovers [K11]	35°08'49"N 126°22'50"E	
	Drying height 0.7 meter [I15] and extend depth contour (0-meter) and drying tint N to enclose	35°10'04"N 126°20'02"E	
	Depth 4.5 meters and extend depth contour (5-meter) NE to enclose	35°09'59"N 126°20'33"E	
	Depth 9 meters	35°10'14"N 126°20'27"E	
	Depth 18.8 meters	35°10'06"N 126°20'42"E	
	Depth 7.7 meters	35°09'13"N 126°21'03"E	
	Depth 11.8 meters	35°09'04"N 126°21'23"E	
	(35(501)15 Inchon)		
<b>803462</b>	1Ed. 3/12/11	LAST NM N33/16	N44/17
Add	Depth 12.5 meters (ROK CH 3100)	35°25'34"N 125°59'53"E	
<b>803462</b>	1Ed. 3/12/11	LAST NM N44/17	N30/18
Change	Beacon to BRB, double ball topmark, Fl(2) 5s 13m 8M [Q130.4] (26(383)07 Busan)	35°08'11"N 126°09'02"E	
<b>803462</b>	1Ed. 3/12/11	LAST NM N30/18	N7/19
Delete	Light	35°08'43"N 126°09'47"E	
Add	Light Fl 4s 18m 7M (42(746)17 Busan)	35°08'42"N 126°09'50"E	
<b>★803463</b>	1Ed. 2/13/10	NEW CHART	N40/10
	(NGA)		
<b>803463</b>	1Ed. 2/13/10	LAST NM N40/10	N16/19
Substitute	Depth 13.1 meters enclosed by depth contour (20-meter) for 20.1 meters (ROK CH 1500)	38°18'07"N 128°34'04"E	
<b>★803464</b>	1Ed. 8/11/10	NEW CHART	N14/11
	(NGA)		
<b>803464</b>	1Ed. 8/11/10	LAST NM N14/11	N20/12
Add	Light Fl R 5s 15m 8M	37°57'11"N 124°44'24"E	
	Light Fl G 5s 15m 9M	37°57'15"N 124°44'18"E	
	(13(188)12 Inchon)		
<b>803464</b>	1Ed. 8/11/10	LAST NM N20/12	N30/18
Add	Depth 29.5 meters, R [J9.1] enclosed by depth contour (30-meter) centered	37°47'16"N 124°22'54"E	
	Depth 49 meters enclosed by depth contour (50-meter) centered	37°45'46"N 124°25'13"E	
	Depth 28.5 meters, R [J9.1] enclosed by depth contour (30-meter) centered	37°44'35"N 124°29'34"E	
	(ROK CH 3200)		
<b>★803465</b>	1Ed. 11/26/16	NEW CHART	N20/17
	(NGA)		
<b>★803467</b>	1Ed. 11/21/10	NEW CHART	N14/11
	(NGA)		
<b>★803468</b>	1Ed. 2/25/12	NEW CHART	N31/12
	(NGA)		
<b>803468</b>	1Ed. 2/25/12	LAST NM N31/12	N7/15
Add	Submerged pile symbol [K43.2] (24(17)13 Genova)	40°40'05"N 17°57'55"E	
<b>803468</b>	1Ed. 2/25/12	LAST NM N7/15	N14/15
Delete	Legend "Anchoring and Fishing Prohibited"	40°41'52"N 18°01'43"E	
	Anchoring and fishing prohibited area bound by shore and green composite line joining	40°40'04"N 17°57'08"E	
		40°44'28"N 18°02'12"E	
		40°42'40"N 18°04'36"E	
		40°41'02"N 18°07'52"E	
		40°40'27"N 18°04'56"E	
		40°39'45"N 18°04'57"E	
		40°39'45"N 18°01'25"E	
		40°39'30"N 18°00'11"E	
		40°39'19"N 18°00'10"E	
	Fishing prohibited area between	40°39'19"N 17°58'03"E	
		40°39'03"N 17°59'00"E	
Relocate	Beacon from 40°39'52"N 18°02'19"E to	40°39'45"N 18°02'12"E	
Add	"Entry Prohibited" area [N2.2] bound by shore and green composite line joining	40°36'55"N 18°01'30"E	
		40°37'04"N 18°01'43"E	
		40°36'44"N 18°02'05"E	
		40°36'35"N 18°01'50"E	
	Light Dir WRG 30m 20M (18(16)12, 16(25), 24(16)13 Genova)	40°39'31"N 17°58'13"E	
<b>803468</b>	1Ed. 2/25/12	LAST NM N14/15	N19/15
Change	Light to Fl(2) G 10s 12m 8M Racon (B) (23(15), 16)14 Genova)	40°39'46"N 17°59'47"E	
<b>803468</b>	1Ed. 2/25/12	LAST NM N19/15	N13/16
Delete	Radio reporting point symbol	40°42'40"N 18°04'37"E	
	Dashed line (one-way track) and legend "317°-137° NOTE NO 2" between	40°39'43"N 18°00'00"E	
		40°41'05"N 17°58'18"E	
	Note: Green circle remains		

(continued on next page)



<b>803468</b>	(Continued)	13/16			
	Radio reporting point symbol, dashed line (one-way track) and legend "253°-073° NOTE NO 2" between	40°41'20"N 18°07'12"E 40°39'43"N 18°00'00"E		Legend "AREA TO BE AVOIDED See Note"	40°46'15"N 17°46'55"E
	Anchorage area and legend "North...NOTE NO 1" in vicinity	40°42'06"N 17°52'52"E		Legend "AREA TO BE AVOIDED See Note"	40°41'44"N 17°57'40"E
	Green composite line (restricted area limit) joining	40°42'38"N 17°47'57"E 40°48'13"N 17°51'40"E 40°44'45"N 18°04'00"E 40°36'18"N 18°11'24"E 40°32'27"N 18°04'11"E		Dashed line (limit of anchorage area) [N12.1] between	40°43'59"N 17°54'42"E 40°43'13"N 17°56'12"E
	Legend "Entry Restricted CAUTION NO 1"	40°44'12"N 17°51'18"E		Anchor symbol [N10] with legend "NW Anchorage Area NOTE NO 1"	40°42'50"N 17°54'50"E
	Legend "Entry Restricted CAUTION NO 1"	40°43'40"N 18°05'20"E		(24(16)13, 1(19)14 Genova; Ital CH 192; UKHO ARCS 186-0)	
	Legend "Entry Restricted CAUTION NO 1"	40°35'26"N 18°06'33"E		<b>803468</b>	1Ed. 2/25/12 LAST NM N13/16 N16/16
	Green composite-line area and legend "Waiting Area BR1 NOTE NO 4" in vicinity	40°37'37"N 18°04'38"E		Substitute	Depth 14.7 meters Obstn [K41] for depth 14.7 meters 40°40'05"N 17°58'26"E Depth 10.4 meters Obstn [K41] for depth 10.4 meters 40°40'02"N 17°58'49"E Depth 2.6 meters Obstn [K41] for depth 2.9 meters 40°39'03"N 18°01'06"E Depth 2.1 meters Obstn [K41] for depth 2.3 meters 40°36'25"N 18°02'25"E
	Anchorage area in vicinity	40°38'00"N 18°07'09"E		Add	Danger circle "Obstns" [K40] 40°40'25"N 17°57'44"E
	Note: Legend "South...NOTE NO 1" remains				
	Anchorage area and legend "RESERVED ANCHORAGE NOTE NO 1" in vicinity	40°35'48"N 18°08'35"E			Danger area "Obstns" [K40] bound by dotted line joining 40°36'18"N 18°03'30"E 40°36'13"N 18°03'28"E 40°36'07"N 18°03'25"E 40°36'02"N 18°03'24"E 40°36'00"N 18°03'28"E 40°36'02"N 18°03'35"E 40°36'14"N 18°03'34"E 40°36'17"N 18°03'35"E 40°36'18"N 18°03'33"E
Relocate	Pilot station symbol from 40°39'54"N 18°00'52"E to	40°39'51"N 18°01'05"E			
Substitute	Dashed line (one-way track) [M5.2] with open-outlined arrow indicating flow of traffic oriented 050° with legend "NOTE NO 2" for dashed line (one-way track) with legend "050°-230° NOTE NO 2" between	40°39'45"N 18°00'00"E 40°42'40"N 18°04'37"E			Danger area "Obstns" [K40] bound by dotted line joining 40°40'28"N 17°57'05"E 40°40'26"N 17°57'16"E 40°40'21"N 17°57'18"E 40°40'17"N 17°57'15"E 40°40'17"N 17°57'08"E 40°40'20"N 17°57'04"E 40°40'22"N 17°57'05"E
Change	Caution No. 1 of CAUTIONS note in left upper margin of chart to "I. Reserved"				
Add	Dashed line (one-way track) [M5.2] with open-outlined arrow indicating flow of traffic oriented 004° with legend "NOTE NO 2" between	40°39'45"N 18°00'00"E 40°43'42"N 18°00'19"E			Depth 20.2 meters Obstn [K41] 40°40'03"N 17°59'00"E Depth 20.2 meters Obstn [K41] 40°39'59"N 18°02'39"E Depth 20 meters Obstn [K41] 40°36'32"N 18°05'01"E (Ital CH 192)
	Dashed line (one-way track) [M5.2] with open-outlined arrow indicating flow of traffic oriented 261°30' with legend "NOTE NO 2" between	40°39'45"N 18°00'00"E 40°40'36"N 18°07'30"E		<b>803468</b>	1Ed. 2/25/12 LAST NM N16/16 N13/17 Delete Dangerous wreck 40°38'36"N 18°01'11"E (17(12)16 Genova)
	Radio reporting point symbol [M40.1] with direction pointer 261°30'	40°40'36"N 18°07'30"E		<b>*803470</b>	1Ed. 5/9/09 NEW CHART N46/09 (NGA)
	Note in left upper margin of chart "AREAS TO BE AVOIDED Transit, anchoring and stopping of cargo and passenger vessels over 500 gross tons are forbidden."			<b>803470</b>	1Ed. 5/9/09 LAST NM N46/09 N46/11 Add Depth 13.8 meters Obstn (Fish haven) [K46.2] 36°38'23"N 129°25'46"E (38(573)11 Inchon)
	Green composite line (limit of area to be avoided) [M29.2] by joining	40°39'30"N 18°00'00"E 40°40'00"N 18°04'46"E 40°34'30"N 18°08'00"E 40°32'12"N 18°04'30"E		<b>803470</b>	1Ed. 5/9/09 LAST NM N46/11 N37/12 Change Height of light to 102m 36°30'28"N 129°27'05"E (25(315)11 Inchon)
	Legend "AREA TO BE AVOIDED see Note"	40°39'35"N 18°02'32"E		<b>803470</b>	1Ed. 5/9/09 LAST NM N37/12 N29/13 Change Visibility (range) of light to 23M 36°25'32"N 129°26'05"E (18(324)13 Inchon)
	Legend "AREA TO BE AVOIDED see Note"	40°34'17"N 18°05'47"E		<b>*803472</b>	1Ed. 12/12/09 NEW CHART N31/10 (NGA)
	Anchorage area [N12.1] bound by dashed line joining	40°40'00"N 18°04'46"E 40°40'01"N 18°07'01"E 40°36'12"N 18°10'35"E 40°34'30"N 18°08'00"E		<b>*803475</b>	1Ed. 4/18/09 NEW CHART N46/09 (NGA)
	Green composite line (limit of area to be avoided) [M29.2] joining	40°45'32"N 17°42'13"E 40°48'01"N 17°45'30"E 40°43'59"N 17°54'42"E 40°41'57"N 17°53'13"E 40°41'19"N 17°54'41"E 40°43'13"N 17°56'12"E 40°41'32"N 17°59'58"E 40°39'59"N 17°59'58"E		<b>*803478</b>	1Ed. 12/3/16 NEW CHART N20/17 (NGA)
				<b>803478</b>	1Ed. 12/3/16 LAST NM N20/17 N8/18 Delete Depth 3.2 meters 34°43'43"N 125°52'40"E
					(continued on next page)

**803478** (Continued) 8/18

Depth 4.8 meters 34°43'36"N 125°52'35"E  
 Blue tint and depth contour (5-meter) enclosing  
 above depths (2) in vicinity 34°43'38"N 125°52'39"E

Depth 18.9 meters 34°38'53"N 126°03'20"E  
 Depth 19.1 meters 34°38'41"N 126°04'00"E  
 Depth 23.5 meters 34°38'43"N 126°03'45"E

Depth 9.4 meters, blue tint and enclosing depth  
 contour (10-meter) in vicinity 34°38'26"N 126°03'03"E  
 Depth 4.7 meters, blue tint and enclosing depth  
 contour (5-meter) in vicinity 34°37'48"N 126°02'57"E  
 Depth 9.9 meters, blue tint and enclosing depth  
 contour (10-meter) in vicinity 34°38'05"N 126°02'51"E

Buoy "B" 34°38'43"N 126°03'11"E  
 Buoy "C" 34°38'35"N 126°03'11"E  
 Buoy "D" 34°38'38"N 126°03'34"E

Substitute Depth 17.6 meters for 13.2 meters 34°38'30"N 126°03'48"E  
 Depth 17.7 meters for 16.2 meters 34°39'58"N 126°03'16"E

Depth 3.3 meters, blue tint, and enclosing depth  
 contour (5-meter) for buoy "A" 34°39'08"N 126°03'11"E

Depth 3.9 meters, R [J9.1] for 3.3 meters R  
 and extend depth contour (5-meter) NW to  
 enclose 34°39'08"N 126°03'11"E

Change Light to Fl W 4s 10m 10M 34°46'49"N 126°07'13"E  
 Period of light to 6s 34°43'41"N 125°52'35"E

Add Buoy "A" Y, pillar, "X" topmark, Fl(4) Y 8s  
 [Q130.6] 34°40'11"N 126°03'39"E  
 Buoy "B" Y, pillar, "X" topmark, Fl(4) Y 8s  
 [Q130.6] 34°40'15"N 126°03'00"E

Stranded wreck [K24] 34°51'43"N 126°04'17"E  
 Depth 19.2 meters Wk [K26] 34°38'54"N 126°03'49"E

Depth 14.3 meters 34°38'51"N 126°03'27"E  
 Depth 20.9 meters 34°38'39"N 126°03'52"E

Depth 9.7meters, blue tint and enclosing depth  
 contour (10-meter) with bottom characteristic  
 "R"[J9.1] 34°43'42"N 125°52'44"E

Depth 18.6 meters 34°43'35"N 125°52'34"E  
 and extend depth contour (20-meter) SE to  
 enclose

(ROK CH 3135)

**803478** 1Ed. 12/3/16 LAST NM N8/18 N9/18  
 Delete Depth 29.5 meters 34°52'16"N 125°51'04"E  
 Depth 16.2 meters 34°43'29"N 125°53'07"E  
 Depth 4.4 meters, blue tint and enclosing depth  
 contour (5-meter) in vicinity 34°42'42"N 125°54'53"E

Fish haven area joining 34°43'48"N 125°53'43"E  
 34°43'23"N 125°53'21"E  
 34°43'54"N 125°52'47"E  
 34°43'52"N 125°53'14"E  
 34°44'16"N 125°53'00"E  
 34°44'12"N 125°53'18"E

Depth 2.1 meters 34°42'49"N 125°55'17"E  
 Depth 4.2 meters 34°42'59"N 125°55'59"E  
 Blue tint and depth contour (5-meter) enclosing  
 above depths (2) between 34°42'49"N 125°55'14"E  
 34°42'59"N 125°56'04"E

Depth contour (5-meter) in vicinity 34°44'10"N 125°52'50"E  
 and delete all hydrography within above depth  
 contour

Substitute Depth 8.9 meters, blue tint and enclosing depth  
 contour (10-meter) for 17.2 meters 34°42'46"N 125°55'03"E  
 Depth 11.6 meters Fish haven [K46.2] for  
 14.7 meters 34°45'22"N 125°52'16"E

Add Depth 12.9 meters Fish haven [K46.2]  
 34°45'30"N 125°52'25"E  
 Depth 22 meters Fish haven [K46.2]  
 34°42'57"N 125°53'02"E  
 Depth 22.5 meters 34°52'17"N 125°50'53"E  
 Depth 13.5 meters 34°43'21"N 125°53'06"E

Depth contour (10-meter) between 34°43'01"N 125°56'02"E  
 34°42'57"N 125°55'53"E  
 and add blue tint SW of above depth contour

Depth 13.3 meters Fish haven [K46.2] 34°43'35"N 125°53'23"E

Depth contour (2-meter) joining 34°44'11"N 125°53'14"E  
 34°43'53"N 125°53'13"E  
 34°43'46"N 125°53'16"E  
 34°43'39"N 125°53'21"E  
 34°43'34"N 125°53'30"E  
 34°43'26"N 125°53'58"E

Depth contour (5-meter) between 34°44'36"N 125°53'15"E  
 34°44'13"N 125°52'58"E

Depth contour (5-meter) joining 34°44'00"N 125°53'02"E  
 34°43'54"N 125°53'04"E  
 34°43'48"N 125°53'13"E  
 and delete all hydrography within above depth  
 contours (3) and add blue tint shoreward of  
 above depth contours  
 (ROK CH 3135)

**803478** 1Ed. 12/3/16 LAST NM N9/18 N10/18  
 Delete Depth contour (20-meter) between 34°38'31"N 126°03'56"E  
 34°37'51"N 126°04'29"E

Depth contour (20-meter) between 34°38'35"N 126°04'00"E  
 34°37'51"N 126°04'35"E

Substitute Depth 11.6 meters Fish haven [K46.2] for  
 depth 14.7 meters 34°45'22"N 125°52'16"E

Change Height of beacon to 17m 34°53'43"N 126°09'05"E  
 Vertical clearance of overhead power cable to  
 29 meters 34°52'23"N 126°09'36"E  
 Beacon to YBY, double cone topmark points  
 together, Q(9) W 15s 13m 10M [Q130.3]  
 34°46'12"N 126°03'46"E

Add Depth 12.9 meters Fish haven [K46.2]  
 34°45'30"N 125°52'25"E

Depth contour (20-meter) joining 34°38'31"N 126°03'56"E  
 34°38'32"N 126°04'00"E  
 34°38'35"N 126°04'00"E

Depth contour (20-meter) between 34°37'51"N 126°04'29"E  
 34°37'51"N 126°04'35"E  
 (ROK CH 3135)

**803478** 1Ed. 12/3/16 LAST NM N10/18 N11/18  
 Change Height of beacon to 11m 34°45'47"N 126°02'35"E  
 Height of beacon to 13m 34°53'42"N 126°06'18"E

Add Depth 21.5 meters Fish haven area [K46.2]  
 bound by dotted line (limiting danger line)  
 joining 34°42'48"N 125°53'15"E  
 34°42'34"N 125°53'15"E  
 34°42'34"N 125°53'26"E  
 34°42'40"N 125°53'39"E  
 34°42'42"N 125°53'39"E  
 34°42'48"N 125°53'24"E  
 34°42'48"N 125°53'16"E

Vertical clearance [D20] 17 meters to bridge 34°46'02"N 126°07'47"E  
 Legend "SS (Weather)" to light 34°47'28"N 125°54'30"E  
 Buoy Y, spherical [Q130.6] 34°41'34"N 126°03'20"E  
 (ROK CH 3135; ROK LL)

**803478** 1Ed. 12/3/16 LAST NM N11/18 N12/18  
 Change Height of beacon to 13m 34°47'10"N 125°54'43"E  
 Height of light to 17m 34°43'25"N 126°01'08"E  
 Height of light to 17m 34°43'57"N 126°02'53"E  
 Height of light to 16m 34°40'08"N 126°02'50"E  
 (ROK LL)

**803478** 1Ed. 12/3/16 LAST NM N12/18 N13/18  
 Change Height of light to 16m 34°43'18"N 126°00'36"E  
 (ROK CH 3170)

<b>803478</b>	1Ed. 12/3/16	LAST NM N13/18	N14/18		Light FW 27m 8M	34°41'57"N	126°10'46"E
Delete	Tidal stream arrow and rate "3 kn"		34°38'08"N	125°54'58"E	Submarine power cable [L31.1] joining		
	Tidal stream arrow and rate "2 kn"		34°38'25"N	125°54'50"E	34°42'25"N	126°04'50"E	
					34°42'17"N	126°04'54"E	
					34°41'23"N	126°04'49"E	
Change	Height of light to 13m		34°50'54"N	126°13'29"E	Submarine power cable [L31.1] joining		
Add	Flood tide stream arrow [H40] oriented 318° with rate "4.9 kn"		34°38'17"N	125°54'48"E	34°40'27"N	126°03'52"E	
	Ebb tide stream arrow [H41] oriented 182° with rate "4 kn"		34°38'00"N	125°54'51"E	34°40'24"N	126°03'45"E	
	(ROK CH 3135; ROK LL)				34°40'20"N	126°03'35"E	
					34°40'01"N	126°02'53"E	
<b>803478</b>	1Ed. 12/3/16	LAST NM N14/18	N15/18		Buoy "A" Y, can, "X" topmark [Q130.6]	34°42'02"N	126°04'55"E
Change	Height of beacon to 14m		34°55'41"N	126°11'10"E	Buoy "B" Y, can, "X" topmark [Q130.6]	34°41'40"N	126°04'49"E
	(ROK CH 3135)				Buoy "A" Y, can, "X" topmark [Q130.6]	34°40'19"N	126°03'39"E
<b>803478</b>	1Ed. 12/3/16	LAST NM N15/18	N7/19		Buoy "B" Y, can, "X" topmark [Q130.6]	34°40'08"N	126°03'02"E
Delete	AIS from light		35°01'22"N	125°51'43"E	Beacon YBY, double cone topmark points together, Q(9) W 15s 13m 8M [Q130.3]		
	AIS from buoy		34°41'41"N	126°13'29"E	34°37'28"N	126°06'20"E	
	(17(291), 295)18 Busan)				Depth 18.6 meters Fish haven [K46.2]		
					34°40'14"N	126°00'48"E	
<b>803478</b>	1Ed. 12/3/16	LAST NM N7/19	N9/19		Depth 19.9 meters Fish haven [K46.2]	34°40'10"N	126°00'45"E
Delete	AIS from light		34°59'49"N	126°05'14"E	Depth 26 meters Fish haven [K46.2]	34°38'02"N	125°51'20"E
Change	Range of light to 10M		34°45'33"N	126°13'25"E	Depth 16.5 meters Fish haven [K46.2]	34°37'38"N	125°52'12"E
Add	Depth 12 meters Wk [K26]		34°40'02"N	126°14'23"E	Buoy G, pillar, can topmark, Fl(2) G 6s	34°37'42"N	126°11'18"E
	(19(282)17, 17(294)18 Busan; ROK CH 3135)				(16(254), 27(434), 34(596)17, 5(103), 9(164), 10(175), 11(193), 15(247), 17(285-288)18 Busan; ROK CH 3154)		
<b>803478</b>	1Ed. 12/3/16	LAST NM N9/19	N17/19		<b>803478</b>	1Ed. 12/3/16	LAST NM N19/19
Delete	AIS from light		34°52'27"N	125°58'05"E	Delete	Reef (1.3)	
	AIS from light		34°47'16"N	126°05'00"E		(32(584)14 Busan)	
	AIS from beacon		34°45'12"N	126°10'25"E	<b>803478</b>	1Ed. 12/3/16	LAST NM N20/19
	Depth 3.6 meters		34°58'07"N	126°11'08"E	Delete	Legend "Works in Progress"	
						34°51'41"N	
Substitute	Rock which covers and uncovers (0.2) [K11] for depth 0.7 meter		34°50'52"N	126°03'01"E		34°51'46"N	
	Rock which covers and uncovers (0.6) [K11] for depth 1.7 meters		34°58'01"N	126°11'02"E		126°10'18"E	
	Rock which covers and uncovers (0.2) [K11] for depth 1.2 meters		35°04'58"N	126°08'45"E		34°51'46"N	
						126°10'04"E	
Add	Rock which covers and uncovers (0.2) [K11]		35°04'58"N	126°07'44"E		34°51'28"N	
	Rock which covers and uncovers (0.4) [K11]		34°58'05"N	126°11'10"E		126°10'17"E	
	Rock which covers and uncovers (0.6) [K11]		34°55'35"N	126°08'12"E	Substitute	Double solid line with land tint (fixed bridge) [D20.1] for double dashed line between	
	Depth 11 meters		35°06'40"N	125°51'32"E		34°51'39"N	
	Fish trap symbol [K44.2]		34°51'40"N	125°59'37"E		126°09'21"E	
	Fish trap symbol [K44.2]		34°51'31"N	126°00'28"E		34°51'37"N	
						126°13'54"E	
	Depth 12 meters Fish haven [K46.2]		34°48'16"N	126°00'55"E		Depth 6.1 meters for depth 7.8 meters Wk	
	Depth 12.9 meters Fish haven [K46.2]		34°48'07"N	126°00'53"E		34°49'51"N	
	Depth 13 meters Fish haven [K46.2]		34°48'06"N	126°01'10"E		126°09'49"E	
	Depth 13.5 meters Fish haven [K46.2]		34°48'36"N	126°01'15"E		34°49'50"N	
	Buoy YB, pillar, double cone topmark points downward, Q(6) + L Fl W 15s [Q130.3]		35°01'00"N	126°01'48"E		126°10'09"E	
	(47(945)14, 36(531)15, 44(791)17, 17(293), 22(395), 36(715, 716)18 Busan)					34°49'54"N	
						126°09'42"E	
						34°50'03"N	
						126°10'10"E	
						Depth 7.3 meters Fish haven [K46.2] for	
						7.7 meters Fish haven	
						34°51'45"N	
						126°11'04"E	
					Add	Vertical clearance [D22] 40 meters to bridge	
						34°51'43"N	
						126°10'36"E	
						Vertical clearance [D22] 65 meters to bridge	
						34°51'41"N	
						126°12'53"E	
						Buoy "G" Y, pillar, "X" topmark, Fl(4) Y 8s [Q130.6]	
						34°51'47"N	
						126°10'24"E	
						Buoy "H" Y, pillar, "X" topmark, Fl(4) Y 8s [Q130.6]	
						34°51'27"N	
						126°10'47"E	
						Buoy "J" Y, pillar, "X" topmark, Fl(4) Y 8s [Q130.6]	
						34°51'27"N	
						126°10'30"E	
						Buoy "K" Y, pillar, "X" topmark, Fl(4) Y 8s [Q130.6]	
						34°51'47"N	
						126°10'07"E	
						Buoy "P" Y, pillar, "X" topmark, Fl(4) Y 8s [Q130.6]	
						34°51'30"N	
						126°12'53"E	
						Light Iso 4s 44m 7M Racon (C)	
						34°51'39"N	
						126°10'17"E	
						Depth 4.2 meters Obstn [K41]	
						34°51'58"N	
						126°13'13"E	
						Depth 5.5 meters Obstn [K41]	
						34°51'50"N	
						126°10'50"E	
						Depth 11.1 meters Obstn [K41]	
						34°51'39"N	
						126°11'14"E	
						(26(410)17, 18(321)18, 16(320-322)19 Busan; ROK CH 3135)	
<b>803478</b>	1Ed. 12/3/16	LAST NM N17/19	N19/19				
Delete	Buoy "B"		34°40'15"N	126°03'00"E			
	Buoy "A"		34°40'11"N	126°03'39"E			
	AIS from light		34°37'21"N	126°13'17"E			
	AIS from light		34°39'05"N	125°55'31"E			
	Buoy		34°37'45"N	126°11'17"E			
Substitute	Depth 1.7 meters enclosed by depth contour (2-meter) for 3.2 meters		34°42'08"N	126°12'16"E			
Change	Buoy to R, pillar, cone topmark, Fl(2) R 6s		34°37'38"N	126°11'33"E			
Add	Solid line (bridge) [D22] and vertical clearance 22 meters between		34°41'55"N	126°10'52"E			
	Note: Overhead power cable [D26] remains		34°42'04"N	126°10'32"E			

★803479	2Ed. 3/17/18	NEW EDITION	N22/18						Bottom characteristic "M S" [J12.2]
	Change	Longitude limit in upper right corner along neatline of chart to 125°14' 08"E							(11)(159)12 Inchon) 37°01'48"N 126°23'58"E
	(NGA)								
★803480	1Ed. 6/3/17	NEW CHART	N40/17						803496 1Ed. 4/25/09 LAST NM N20/12 N22/12
	(NGA)								Delete Buoy "36" 37°14'47"N 126°25'30"E
★803482	1Ed. 3/21/09	NEW CHART	N47/09						Add Buoy "A" Y, pillar, "X" topmark, Fl(4) Y 8s [Q130.6] 37°15'12"N 126°25'24"E
	(NGA)								Buoy "B" Y, pillar, "X" topmark, Fl(4) Y 8s [Q130.6] 37°14'49"N 126°25'25"E
									(17)(235)12 Inchon)
★803484	1Ed. 8/4/90	NEW CHART	N39/90						803496 1Ed. 4/25/09 LAST NM N22/12 N19/13
	Change	Note to "BUOYAGE IALA Buoyage Systems (Region B) is in effect in the area covered by this chart. See Chart No. 1." 53°43'30"N 178°47'00"E							Add AIS [S17.1] to light 37°06'57"N 126°23'08"E
	(DMAHTC)								Superbuoy ODAS [Q58] Y 37°07'00"N 126°22'30"E
									(5)(85), 6(96)13 Inchon)
P 803484	1Ed. 8/4/90	LAST NM N39/90	N45/15						803496 1Ed. 4/25/09 LAST NM N19/13 N20/13
	Add	Note in lower right margin of chart "AREA TO BE AVOIDED The entire area of this chart is to be avoided by all ships (solely in transit) of 400 gross tons or more to reduce the risk of a marine casualty, resulting pollution and damage to the environment."							Add Light Fl(2) G 6s 15m 8M 37°06'40"N 126°23'40"E
		Note: The above Area to be Avoided has been adopted by IMO and will become effective at 0001 GMT on 01 January 2016 (NTM0027/2015)							(41)(658)12 Inchon)
803484	1Ed. 8/4/90	LAST NM N45/15	N52/15						803496 1Ed. 4/25/09 LAST NM N20/13 N23/13
	Add	Note in lower right margin of chart "AREA TO BE AVOIDED The entire area of this chart is to be avoided by all ships (solely in transit) of 400 gross tons or more to reduce the risk of a marine casualty, resulting pollution and damage to the environment."							Add Depth 0.4 meter enclosed by depth contour (2-meter) centered 37°11'25"N 126°16'32"E
		Note: The above Area to be Avoided has been adopted by IMO (Supersedes N45/15P-803484) (NTM0027/2015)							Buoy ODAS [Q58] Y, spherical 37°09'53"N 126°12'23"E
									(11)(199), 20(359)13 Inchon)
									803496 1Ed. 4/25/09 LAST NM N23/13 N24/13
									Add Purple dashed line joining 37°06'57"N 126°21'24"E
									37°08'15"N 126°22'45"E
									37°08'15"N 126°25'00"E
									Purple open-outlined dashed arrow indicating recommended flow of traffic [M11] oriented 090° 37°08'07"N 126°23'27"E
									Purple open-outlined dashed arrow indicating recommended flow of traffic [M11] oriented 270° 37°08'26"N 126°23'27"E
									Purple open-outlined dashed arrow indicating recommended flow of traffic [M11] oriented 042° 37°07'20"N 126°22'05"E
									Purple open-outlined dashed arrow indicating recommended flow of traffic [M11] oriented 222° 37°07'30"N 126°21'48"E
									(14)(203)12 Inchon)
★803485	1Ed. 5/20/11	NEW CHART	N3/12						803496 1Ed. 4/25/09 LAST NM N24/13 N25/13
	(NGA)								Add Buoy (mooring) [Q40] 37°11'44"N 126°14'15"E
★803486	1Ed. 5/9/09	NEW CHART	N47/09						(39)(618)12 Inchon)
★803487	1Ed. 3/6/10	NEW CHART	N40/10						803496 1Ed. 4/25/09 LAST NM N25/13 N27/13
	(NGA)								Add AIS [S17.1] to light 37°09'00"N 126°20'51"E
★803489	1Ed. 9/26/09	NEW CHART	N10/10						(50)(860)11 Inchon; UKHO LL)
	(NGA)								803496 1Ed. 4/25/09 LAST NM N27/13 N30/13
★803496	1Ed. 4/25/09	NEW CHART	N46/09						Delete Buoy "13" 37°19'54"N 126°20'08"E
	(NGA)								Buoy "15" 37°20'12"N 126°21'24"E
803496	1Ed. 4/25/09	LAST NM N46/09	N47/11						Change Buoy "1" to "5" G, pillar, can topmark, Fl(2) G 6s 37°16'42"N 126°14'14"E
	Add	Purple dashed line with legend "VTS" joining 37°10'54"N 126°25'43"E							Buoy "2" to "6" R, pillar, cone topmark, Fl(2) R 6s 37°15'58"N 126°15'12"E
									Buoy "3" to "7" G, pillar, can topmark, Fl(2) G 6s 37°17'15"N 126°15'14"E
									Buoy "4" to "8" R, pillar, cone topmark, Fl(2) R 6s 37°16'20"N 126°16'00"E
									Designation of buoy "5" to "9" 37°17'52"N 126°16'03"E
									Designation of buoy "6" to "10" 37°16'54"N 126°16'51"E
									Buoy "7" to "11" G, pillar, can topmark, Fl(2) G 6s 37°18'24"N 126°17'06"E
									Buoy "8" to "12" R, pillar, cone topmark, Fl(2) R 6s 37°17'30"N 126°17'50"E
									Buoy "9" to "13" G, pillar, can topmark, Fl(2) G 6s 37°18'58"N 126°18'02"E
									Buoy "10" to "14" R, pillar, cone topmark, Fl(2) R 6s 37°18'06"N 126°18'42"E
									Designation of buoy "11" to "15" 37°19'33"N 126°19'06"E
									Designation of buoy "12" to "16" 37°18'34"N 126°19'35"E
									Buoy "14" to "18" R, pillar, cone topmark, QR 37°19'08"N 126°20'34"E
803496	1Ed. 4/25/09	LAST NM N47/11	N20/12						
	Add	Depth 14.9 meters 37°01'35"N 126°24'17"E							
		Depth 14.7 meters 37°01'52"N 126°23'38"E							

(continued on next page)



<b>803496</b>	1Ed. 4/25/09	LAST NM N16/18	N19/18
Change	Height of light to 16m and add AIS [S17.1]	37°12'48"N 126°05'29"E	
	Height of light to 14m	37°12'08"N 126°05'48"E	
	Light to Fl(3) G 7s 15m 5M	37°12'33"N 126°07'23"E	
Add	V-AIS [S18.1]	37°13'51"N 126°24'58"E	
	(49(919)17 Busan; ROK CH 3636; ROK LL)		
<b>803496</b>	1Ed. 4/25/09	LAST NM N19/18	N23/18
Delete	Depth 31 meters Wk	36°59'41"N 126°08'39"E	
	Depth 10.4 meters, R	36°55'10"N 126°08'03"E	
	Depth 19.6 meters	36°59'11"N 126°17'01"E	
	"Fish haven" area in vicinity	36°59'30"N 126°15'59"E	
	Buoy "3"	37°02'44"N 126°23'26"E	
Change	Height of light to 16m	36°59'00"N 126°18'06"E	
	Height of light to 24m	37°00'12"N 126°19'01"E	
	Height of light to 18m	37°01'34"N 126°23'17"E	
Add	Depth 8.6 meters, blue tint and enclosing depth contour (10-meter) with bottom characteristic "R" [J9.1]	36°55'07"N 126°08'10"E	
	Depth 10.9 meters	36°55'12"N 126°08'09"E	
	Buoy "F" Y, pillar, "X" topmark, Fl(4) Y 8s [Q130.6]	36°55'58"N 126°15'29"E	
	Buoy "H" Y, pillar, "X" topmark, Fl(5) Y 20s [Q130.6]	36°57'10"N 126°16'34"E	
	Buoy "4" R, pillar, cone topmark, Fl(2) R 5s	36°56'44"N 126°13'46"E	
	Depth 18.4 meters enclosed by depth contour (20-meter) centered	36°56'39"N 126°08'56"E	
	Depth 8.4 meters, blue tint and enclosing depth contour (10-meter) centered	36°56'46"N 126°08'59"E	
	Depth 8.1 meters, blue tint and enclosing depth contour (10-meter) centered	36°57'10"N 126°15'30"E	
	Depth 17.6 meters Fish haven [K46.2]	36°58'57"N 126°16'57"E	
	Depth 18.4 meters Fish haven [K46.2]	36°59'01"N 126°16'59"E	
	Depth 20 meters Fish haven [K46.2]	36°59'10"N 126°17'02"E	
	Depth 21.5 meters Wk [K26]	36°59'32"N 126°08'40"E	
	Depth 31 meters Wk [K26]	36°59'55"N 126°08'39"E	
	(43(771)17 Busan; ROK CH 3436; ROK LL)		
<b>803496</b>	1Ed. 4/25/09	LAST NM N23/18	N30/18
Add	Buoy WBUW, pillar, Fl(3) 7s	37°12'51"N 126°09'12"E	
	(4(83)10 Busan)		
<b>803496</b>	1Ed. 4/25/09	LAST NM N30/18	N34/18
Delete	"Restricted Area" in vicinity	37°17'57"N 126°24'21"E	
	Buoys (4) in vicinity	37°18'02"N 126°24'12"E	
Substitute	Depth 10.4 meters enclosed by depth contour (20-meter) for dangerous wreck	37°18'00"N 126°24'12"E	
	Depth 3 meters for 3.9 meters	37°01'56"N 126°25'08"E	
Add	Depth 0.2 meter	37°01'59"N 126°24'42"E	
	Depth 11.4 meters Fish haven [K46.2]	37°03'12"N 126°22'53"E	
	(22(282)11 Busan; ROK CH 3437, 3438)		
<b>★803497</b>	1Ed. 1/27/17	NEW CHART	N20/17
	(NGA)		
<b>803497</b>	1Ed. 1/27/17	LAST NM N20/17	N32/17
Delete	Buoy "AR378"	34°02'01"N 77°51'59"W	
	(14/17 CG5)		
<b>★803497</b>	1Ed. 1/27/17	LAST NM N32/17	N40/17
Delete	Buoy "AR420"	33°51'15"N 78°06'29"W	
	Buoy "AR430"	33°52'11"N 78°10'00"W	
	Buoy "AR440"	33°50'00"N 78°12'59"W	
	(21/17 CG5)		
<b>★803497</b>	1Ed. 1/27/17	LAST NM N40/17	N8/18
Add	Dangerous wreck [K28]	33°53'31"N 78°03'34"W	
	(NOS)		
<b>★803497</b>	1Ed. 1/27/17	LAST NM N8/18	N30/18
Delete	Buoy "LW"	33°53'50"N 78°14'06"W	
	(24/18 CG5)		
<b>★803497</b>	1Ed. 1/27/17	LAST NM N30/18	N39/18
Delete	Range lights (2) and range line between	33°53'47"N 77°58'54"W	
		33°51'50"N 78°01'07"W	
Substitute	Buoy W Or, Fl 4s for light	34°14'49"N 77°57'19"W	
Add	Range light, front Iso W 2s 5m	33°52'48"N 78°00'05"W	
	Range light, rear Iso W 6s 14m, 2 Fl W 4s 5m 4M	33°52'57"N 77°59'54"W	
	Range line extending in 221°54' direction from above rear light dashed for 1223 meters, thence solid for 1414 meters		
	(34/18 CG5)		
<b>★803497</b>	1Ed. 1/27/17	LAST NM N39/18	N44/18
Add	Depth 36 feet Obstn [K41]	34°03'14"N 77°56'20"W	
	Depth 42 feet Obstn [K41]	34°11'47"N 77°57'24"W	
	Depth 40 feet Obstn [K41] "Rep (2018)"	33°55'45"N 77°59'25"W	
	Depth 37 feet Obstn [K41] "Rep (2018)"	33°55'51"N 77°59'16"W	
	Danger circle "Obstn Rep (2018)" [K40]	33°55'58"N 77°59'03"W	
	Depth 31 feet Obstn [K41] "Rep (2018)"	33°56'13"N 77°58'44"W	
	(NOS)		
<b>★803497</b>	1Ed. 1/27/17	LAST NM N44/18	N14/19
Delete	Depth 37 feet Obstn "Rep (2018)"	33°55'51"N 77°59'16"W	
	Depth 31 feet Obstn "Rep (2018)"	33°56'13"N 77°58'44"W	
	Depth 36 feet Obstn	34°03'14"N 77°56'20"W	
	Depth 42 feet Obstn	34°11'47"N 77°57'24"W	
	(See N44/18)		
	(NOS)		
<b>★803498</b>	1Ed. 12/12/09	NEW CHART	N14/11
	(NGA)		
<b>★803499</b>	1Ed. 8/3/13	NEW CHART	N49/13
	(NGA)		
<b>803499</b>	1Ed. 8/3/13	LAST NM N49/13	N4/17
Delete	Buoy "S4"	28°45'07"N 48°22'46"E	
Add	Buoy Or, spar, Fl G	28°45'14"N 48°26'20"E	
	Light Fl R 2s	28°45'13"N 48°25'49"E	
	Buoy (mooring) [Q41] Or, spherical, Q	28°45'14"N 48°25'43"E	
	(20(2459)16 Taunton; UKHO ARCS 1223-3)		
<b>★803601</b>	1Ed. 9/15/12	NEW CHART	N5/13
	(NGA)		
<b>803601</b>	1Ed. 9/15/12	LAST NM N5/13	N7/14
Add	Buoy G, conical, Fl G	30°02'21"N 47°57'08"E	
	Depth 14.2 meters Wk [K26]	30°03'10"N 47°57'29"E	
	(14(1640)07, 50(5578)12 Taunton)		
<b>803601</b>	1Ed. 9/15/12	LAST NM N7/14	N36/16
Add	Buoy "ST 2" Y, conical, Fl Y 10s [Q130.6]	29°55'00"N 48°02'00"E	
	(1(130)16 Taunton)		
<b>803601</b>	1Ed. 9/15/12	LAST NM N36/16	N53/16
Delete	Depth 6.5 meters	30°01'34"N 48°09'15"E	
	Depth contour (10-meter) and blue tint in vicinity	30°01'29"N 48°09'28"E	
Add	Legend "Less water reported (2016)"	30°01'21"N 47°57'13"E	
	Depth contour (10-meter) joining	30°01'34"N 48°09'02"E	
		30°01'32"N 48°09'13"E	
		30°01'29"N 48°09'22"E	
	and delete depth contour (10-meter) and blue tint NE of above depth contour		
	(35(4397)16 Taunton; UKHO ARCS 1229-1)		

<b>803601</b>	1Ed. 9/15/12 LAST NM N53/16	N13/17			
	Change Period of buoy "No 19" to 3s (UKHO ARCS 1235-0)	29°55'22"N 48°17'52"E		Add Buoy (mooring) [Q41] B, spherical, Q	26°12'37"N 50°38'49"E (47(6202)09, 52(6268)10 Taunton; UKHO ARCS 3734-0, 3736-0)
<b>803601</b>	1Ed. 9/15/12 LAST NM N13/17	N43/17		<b>803610</b>	1Ed. 5/4/13 LAST NM N12/17
	Substitute Depth 9.5 meters for 10.5 meters and extend depth contour (10-meter) and blue tint S to enclose	30°00'00"N 47°58'26"E		Delete Beacon	26°06'02"N 50°21'37"E
	Add Depth 9.8 meters, blue tint and enclosing depth contour (10-meter) centered	29°59'47"N 47°59'32"E		Substitute Danger circle "Obstn" [K40] for beacon	26°05'58"N 50°21'22"E
	Depth 9.7 meters, blue tint and enclosing depth contour (10-meter) centered	29°59'49"N 47°59'48"E		Danger circle "Obstn" [K40] for beacon	26°07'33"N 50°21'15"E
	Depth 10.4 meters	29°59'38"N 48°00'43"E		Change Topmark of buoy "No 13" to double cone topmark points downward	26°16'50"N 50°21'55"E
	Depth 8.9 meters, blue tint and enclosing depth contour (10-meter) centered	29°59'56"N 48°01'14"E		Add Beacon RW [Q130.5]	26°06'12"N 50°22'00"E
	Depth 10 meters, blue tint and enclosing depth contour (10-meter) centered	29°56'13"N 48°16'34"E		Danger circle "Obstn" [K40]	26°06'00"N 50°21'35"E
	Depth 9.3 meters, blue tint and enclosing depth contour (10-meter) centered	29°52'55"N 48°20'13"E		Danger circle "Obstn" [K40]	26°06'12"N 50°21'56"E
	Depth 8.4 meters, blue tint and enclosing depth contour (10-meter) centered	29°51'31"N 48°22'59"E		Stranded wreck [K24]	26°12'15"N 50°38'51"E
	(33(3759)17 Taunton)			Dolphin [F20]	26°11'31"N 50°40'26"E
				Dolphin [F20]	26°11'29"N 50°40'27"E
				Legend "Check Point CG Barge (Less than 33 meters LOA) NOTE NO 4"	26°19'06"N 50°25'30"E
<b>★803606</b>	1Ed. 2/17/17 NEW CHART (NGA)	N20/17		Legend "Check Point CG Barge (Less than 33 meters LOA) NOTE NO 4"	26°05'24"N 50°26'54"E
				(6/15 Bahrain; 1/19 MENAS; 47(5163)13, 11(1330), 14(1637)19 Taunton; Bahrain CH 5003)	
<b>★803606</b>	1Ed. 2/17/17 LAST NM N20/17	N40/17		<b>★803611</b>	1Ed. 6/14/14 NEW CHART
	Delete Buoy "AR315"	34°40'00"N 76°44'58"W		(NGA)	N43/14
	Buoy "AR340"	34°34'39"N 76°58'34"W			
	Buoy "AR342"	34°36'42"N 77°02'17"W		<b>803611</b>	1Ed. 6/14/14 LAST NM N43/14
	(21/17 CG5)			Relocate Buoy "CH 4A" from 27°01'46"N 49°42'41"E to 27°01'48"N 49°42'41"E	N29/16 (23(2972)16 Taunton)
<b>★803610</b>	1Ed. 5/4/13 NEW CHART (NGA)	N40/13		<b>803611</b>	1Ed. 6/14/14 LAST NM N29/16
				Relocate Buoy "AJ3" from 27°00'34"N 49°42'34"E to 27°00'26"N 49°42'43"E	N36/17
<b>803610</b>	1Ed. 5/4/13 LAST NM N40/13	N10/14		Change Period of buoy "HE 2" to 3s	26°59'16"N 49°42'22"E
	Add Depth 13.5 meters Wk [K26]	26°10'05"N 50°41'44"E		Buoy to "HE 3" G, conical, cone topmark, FI G 3s	26°58'20"N 49°42'46"E
	Depth 14.1 meters Obstn [K41]	26°10'02"N 50°41'34"E		Add Characteristic Q to buoy "HE 4" (24(2764), 32(3681)17 Taunton)	26°58'11"N 49°42'57"E
<b>803610</b>	1Ed. 5/4/13 LAST NM N10/14	N23/16		<b>★803617</b>	1Ed. 1/7/17 NEW CHART
	Delete Depth 9.9 meters and enclosing depth contour (10-meter) centered	26°10'54"N 50°41'54"E		(NGA)	N26/17
	Depth 9.3 meters	26°10'15"N 50°41'48"E		<b>803617</b>	1Ed. 1/7/17 LAST NM N26/17
	Add Submarine pipeline (gas) [L40.1] joining	26°12'07"N 50°39'37"E		Add Double solid line with land tint (breakwater extension) [F4.1] between	26°15'46"N 127°40'11"E 26°15'43"N 127°40'04"E
		26°12'06"N 50°39'36"E		(18(291)17 Tokyo)	
		26°11'11"N 50°39'14"E		<b>803617</b>	1Ed. 1/7/17 LAST NM N35/17
	Submarine pipeline (gas) [L40.1] joining	26°10'58"N 50°39'11"E		Delete Danger circle "Submarine Wave Meter" in vicinity	26°24'26"N 127°59'44"E
		26°09'31"N 50°39'07"E		Submarine cable between	26°24'23"N 127°59'45"E 26°24'00"N 127°59'58"E
		26°09'20"N 50°38'42"E		(34(502)16 Tokyo)	
		26°09'10"N 50°38'39"E		<b>803617</b>	1Ed. 1/7/17 LAST NM N41/18
	Green composite line (anchoring prohibited area limit) [N20] between	26°11'11"N 50°39'11"E		Delete Light from beacon "No 4" and add legend "(R Lt)"	26°09'39"N 127°38'36"E
		26°12'05"N 50°39'32"E		Substitute Depth 19.1 meters for 21.2 meters and extend depth contour (20-meter) and blue tint SE to enclose	26°25'41"N 127°57'09"E
	Green composite line (anchoring prohibited area limit) [N20] between	26°11'10"N 50°39'18"E		Change Beacon to "No 2" R, cone topmark, FI(2) R 6s 5m 3M	26°09'27"N 127°38'12"E
		26°12'03"N 50°39'39"E		(43(1255)06, 12(241)19 Tokyo; Jpn LL)	
	(4/13 Bahrain)			<b>803610</b>	1Ed. 5/4/13 LAST NM N23/16
<b>803610</b>	1Ed. 5/4/13 LAST NM N23/16	N26/16		Delete Light "North Range Bn" (UKHO ARCS 3736-0)	26°10'08"N 50°39'58"E
				<b>803610</b>	1Ed. 5/4/13 LAST NM N26/16
				Substitute Depth 5.7 meters Wk [K26] for 5.3 meters Wk (PA)	26°11'51"N 50°36'53"E
	(5/13 Bahrain)			<b>803610</b>	1Ed. 5/4/13 LAST NM N30/16
<b>803610</b>	1Ed. 5/4/13 LAST NM N30/16	N33/16		Add Tower symbol [E20] with legend "R Lt (36)"	26°13'27"N 50°37'55"E
				(36(4424)15 Taunton)	
<b>803610</b>	1Ed. 5/4/13 LAST NM N33/16	N12/17		<b>803610</b>	1Ed. 5/4/13 LAST NM N33/16
	Relocate Range light, front from	26°11'37"N 50°40'57"E		Relocate Range light, front from	26°11'41"N 50°40'55"E
	26°11'37"N 50°40'57"E to				

<b>803617</b>	1Ed. 1/7/17	LAST NM N24/19	N25/19		
Add	Dashed line joining		26°18'27"N 127°50'30"E		
			26°18'27"N 127°50'52"E		
			26°18'20"N 127°50'52"E		
			26°18'20"N 127°50'50"E		
			26°18'15"N 127°50'50"E		
		Legend "Under constr (2017)"	26°18'16"N 127°50'21"E		
		(48(1645)11, 46(736)17 Tokyo)			
<b>803617</b>	1Ed. 1/7/17	LAST NM N25/19	N27/19		
Delete	Depth contour (5-meter) between		26°11'01"N 127°47'29"E		
			26°10'59"N 127°47'30"E		
		Depth 3.2 meters Foul	26°10'58"N 127°47'26"E		
		Substitute Depth 4.7 meters for 6 meters	26°11'03"N 127°47'32"E		
		(35(560)17 Tokyo)			
<b>803617</b>	1Ed. 1/7/17	LAST NM N27/19	N28/19		
Delete	Submarine cable joining		26°10'25"N 127°51'04"E		
			26°10'04"N 127°52'05"E		
			26°09'43"N 127°52'46"E		
			26°09'28"N 127°52'45"E		
			26°08'51"N 127°52'59"E		
			26°07'46"N 127°57'07"E		
			26°07'00"N 127°57'29"E		
		Legend "CAUTION NO 2"	26°08'18"N 127°54'50"E		
Add	Double dashed line with legend "Subm Jetty"				
	[Fb] between		26°17'56"N 127°50'20"E		
			26°17'56"N 127°50'37"E		
		Submarine cable [L30.1] joining	26°10'25"N 127°51'04"E		
			26°10'09"N 127°51'33"E		
			26°10'04"N 127°52'05"E		
			26°09'49"N 127°52'37"E		
			26°09'02"N 127°52'48"E		
			26°08'50"N 127°53'01"E		
			26°08'46"N 127°53'17"E		
			26°08'30"N 127°53'40"E		
			26°07'58"N 127°54'04"E		
			26°07'00"N 127°55'20"E		
		(43(747)18, 14(288)19 Tokyo)			
<b>803617</b>	1Ed. 1/7/17	LAST NM N28/19	N32/19		
Delete	Light		26°17'48"N 127°54'55"E		
Add	Buoy G, spar, (G Lt)		26°19'16"N 127°51'44"E		
	Buoy G, spar, (G Lt)		26°19'29"N 127°51'42"E		
	Buoy R, spar, (R Lt)		26°19'15"N 127°51'55"E		
	Buoy R, spar, (R Lt)		26°19'32"N 127°51'50"E		
		(23(402)18, 5(95)19 Tokyo)			
<b>★803618</b>	1Ed. 5/25/13	NEW CHART	N40/13		
	(NGA)				
<b>★803621</b>	1Ed. 8/22/15	NEW CHART	N18/16		
	(NGA)				
<b>803621</b>	1Ed. 8/22/15	LAST NM N18/16	N36/16		
Add	Buoy "ST 10" Y, conical, Fl Y 10s [Q130.6]		29°14'00"N 48°20'00"E		
		(1(130)16 Taunton)			
<b>803621</b>	1Ed. 8/22/15	LAST NM N36/16	N22/19		
Delete	Beacon "M30"		29°22'38"N 48°23'22"E		
		(17(1833)17 Taunton)			
<b>803621</b>	1Ed. 8/22/15	LAST NM N22/19	N32/19		
Add	AIS [S17.1] to light		29°22'38"N 48°26'25"E		
		(21(2577)19 Taunton)			
<b>★803628</b>	1Ed. 1/5/13	NEW CHART	N25/13		
	(NGA)				
<b>803628</b>	1Ed. 1/5/13	LAST NM N25/13	N12/14		
Add	Pilot station symbol [T1.1]		21°52'18"N 159°35'06"W		
	(NOS)				
<b>803628</b>	1Ed. 1/5/13	LAST NM N12/14	N14/14		
Delete	"DANGER ZONE 334.1390 NOTE NO 1" area		centered	22°03'44"N 159°49'10"W	
Add	"DANGER ZONE 334.1390 NOTE NO 1" area		bound by shore and green composite line		
	joining		21°58'42"N 159°45'26"W		
			21°56'06"N 159°46'56"W		
			21°59'00"N 159°50'51"W		
			22°02'28"N 159°51'28"W		
			22°06'31"N 159°49'20"W		
			22°04'14"N 159°46'31"W		
		(NOS)			
<b>803628</b>	1Ed. 1/5/13	LAST NM N14/14	N11/15		
Add	Danger circle "Obstn" [K40]		22°08'52"N 159°47'55"W		
	(4/15 CG14)				
<b>★803629</b>	1Ed. 11/16/13	NEW CHART	N17/14		
	(NGA)				
<b>★803636</b>	1Ed. 5/9/15	NEW CHART	N16/16		
	(NGA)				
<b>★803646</b>	1Ed. 2/22/14	NEW CHART	N26/14		
	(NGA)				
<b>★803653</b>	1Ed. 5/27/17	NEW CHART	N33/17		
	(NGA)				
<b>★803653</b>	1Ed. 5/27/17	LAST NM N33/17	N13/18		
Delete	Buoy		13°22'12"N 144°38'19"E		
	Beacon		13°21'57"N 144°38'38"E		
Add	Buoy "SP" Y, pillar, Fl Y 4s (Priv)		13°22'18"N 144°38'26"E		
	Buoy "1" G, pillar, QG		13°22'00"N 144°38'39"E		
	(7/18 CG14; US CH 81048)				
<b>★803658</b>	1Ed. 8/20/11	NEW CHART	N5/12		
Delete	BELL from buoy "No 8"		30°18'42.5"N 87°18'18.0"W		
	Buoy "No 20"		30°19'48.7"N 87°15'13.0"W		
Relocate	Buoy "WR2" from				
	30°17'42.5"N 87°18'39.5"W to		30°17'43.4"N 87°18'44.2"W		
	Note: Dangerous wreck remains in place				
Change	Legend "Dredged...(2010)" to "(see		30°17'45.0"N 87°17'53.0"W		
	tabulation)"				
	Legend "10.6m (2010)" to "(see tabulation)"		30°19'51.0"N 87°17'05.0"W		
	Legend "13.3m (2010)" to "(see tabulation)"		30°20'16.0"N 87°16'20.0"W		
	Legend "9.7m (2010)" to "(see tabulation)"		30°22'15.0"N 87°13'19.0"W		
	Legend "8.1m (2010)" to "(see tabulation)"		30°23'27.5"N 87°12'52.0"W		
	Legend "9.4m (2010)" to "(see tabulation)"		30°23'35.0"N 87°12'25.0"W		
	Legend to "Harbor Channel"		30°23'52.5"N 87°12'50.0"W		
	Legend "8m (2010)" to "(see tabulation)"		30°24'00.0"N 87°12'38.0"W		
	Legend "4.4m (2010)" to "(see tabulation)"		30°23'42.5"N 87°14'07.5"W		
	Legend "3.3m (2010)" to "(see tabulation)"		30°24'16.0"N 87°15'00.0"W		
	Legend "1.9m (2010)" to "(see tabulation)"		30°24'25.0"N 87°15'03.0"W		
Add	Depth 17.6 meters Obstn [K41] "Rep (2010)"		30°15'03.3"N 87°15'02.8"W		
	Depth 3.3 meters		30°18'28.0"N 87°18'26.2"W		
	Depth 6.7 meters		30°19'34.5"N 87°18'28.4"W		
	Buoy "No 20" R, pillar, QR		30°19'48.7"N 87°15'17.9"W		
	Tabulations (2) of controlling depths from				
	Subsection I-2 in right margin of chart				
	(NGA; NOS; 13, 37/11 CG8)				



<b>803658</b>	1Ed. 8/20/11	LAST NM N5/12	N13/12	<b>★803664</b>	1Ed. 8/26/17	NEW CHART	N49/17
Change	Range light, front to Fl G 2.5s 10m, Fl 4s 5m 3M	30°20'05"N 87°18'59"W		(NGA)			
	(9/12 CG8)						
<b>803658</b>	1Ed. 8/20/11	LAST NM N13/12	N19/12	<b>★803668</b>	1Ed. 3/9/19	NEW CHART	N33/19
Add	Tabulation of controlling depths from Subsection I-2 (See N5/12-803658)			(NGA)			
	(NOS)						
<b>803658</b>	1Ed. 8/20/11	LAST NM N19/12	N27/12	<b>★803669</b>	1Ed. 8/12/17	NEW CHART	N44/17
Change	Legend to "Ldg Lts 032.6"	30°22'03"N 87°13'15"W		(NGA)			
	(24/12 CG8)						
<b>803658</b>	1Ed. 8/20/11	LAST NM N27/12	N29/12	<b>★803678</b>	1Ed. 3/29/14	NEW CHART	N30/14
Delete	Depth 14.9 meters Wk	30°10'48"N 87°17'41"W		(NGA)			
	Dangerous wreck (PA)	30°12'00"N 87°17'00"W					
	Swept depth 17.6 meters Obstn	30°12'22"N 87°16'36"W		<b>★803685</b>	1Ed. 1/18/14	NEW CHART	N17/14
	Depth 18.3 meters Obstn	30°13'22"N 87°16'19"W		(NGA)			
	Depth 18.9 meters Obstn	30°13'11"N 87°17'25"W					
	Dangerous wreck	30°13'15"N 87°18'42"W		<b>★803687</b>	1Ed. 5/28/16	NEW CHART	N42/16
	Depth 17.6 meters Obstn	30°14'01"N 87°20'38"W		(NGA)			
	Depth 15.5 meters Obstn	30°13'37"N 87°22'32"W		<b>★803689</b>	1Ed. 3/12/16	NEW CHART	N26/16
	Depth 17.3 meters Obstn	30°12'57"N 87°21'56"W		(NGA)			
	Position circle "Piling"	30°15'17"N 87°18'44"W		<b>★803728</b>	1Ed. 5/9/15	NEW CHART	N18/16
	Depth 16.4 meters Wk	30°15'11"N 87°18'05"W		(NGA)			
	Depth 14.9 meters Obstn	30°15'24"N 87°16'42"W					
	Depth 10.6 meters Obstn	30°16'30"N 87°17'05"W		<b>803728</b>	1Ed. 5/9/15	LAST NM N18/16	N23/16
	Swept depth 10.6 meters Obstn	30°16'32"N 87°16'58"W		Add	AIS [S17.1] to light	16°55'46"N 54°00'19"E	
	Dangerous wreck	30°17'42"N 87°18'43"W			(8(14)14 Muscat)		
	Dangerous wreck (PA)	30°17'48"N 87°19'00"W		<b>803728</b>	1Ed. 5/9/15	LAST NM N23/16	N32/16
	Depth 8.5 meters Obstn	30°17'57"N 87°17'26"W		Add	Light Fl R 3s 3M	16°56'47"N 54°01'33"E	
	Danger circle "Obstn" (PA)	30°18'27"N 87°17'42"W			Light Iso R 4s 5M	16°56'33"N 54°00'44"E	
	Buoy (mooring)	30°18'27"N 87°17'35"W			(9(11)15 Muscat; UKHO LL)		
	(See 5/12-803658)						
Substitute	Depth 18.9 meters Obstn [K41] for 19.5 meters	30°11'11"N 87°22'05"W		<b>803728</b>	1Ed. 5/9/15	LAST NM N32/16	N37/16
	Depth 18.6 meters Wk [K26] for 15.5 meters	30°13'09"N 87°19'23"W		Delete	R Bn from light	16°56'34"N 54°00'02"E	
	Wk			Change	Buoy to R, conical, can topmark, Fl R 5s	16°57'00"N 54°01'45"E	
Add	Depth 18 meters Obstn [K41]	30°09'58"N 87°18'36"W					
	Depth 17.6 meters Obstn [K41]	30°10'15"N 87°19'13"W		Add	Can topmark to buoy	16°57'08"N 54°02'05"E	
	Depth 17.3 meters Obstn [K41]	30°11'01"N 87°18'21"W			(8(10)15 Muscat)		
	Depth 21.6 meters Obstn [K41]	30°11'34"N 87°19'29"W		<b>803728</b>	1Ed. 5/9/15	LAST NM N37/16	N34/17
	Depth 17.3 meters Obstn [K41]	30°09'55"N 87°20'10"W		Add	Submarine pipeline [L40.1] between	16°59'11"N 54°01'57"E	
	Depth 17.3 meters Obstn [K41]	30°12'50"N 87°17'40"W				16°57'36"N 54°04'10"E	
	Depth 20.7 meters Obstn [K41]	30°09'39"N 87°22'32"W			(5(6)17 Muscat)		
	Depth 19.2 meters Obstn [K41]	30°10'07"N 87°22'10"W		<b>803728</b>	1Ed. 5/9/15	LAST NM N34/17	N35/17
	Depth 19.8 meters Obstn [K41]	30°10'50"N 87°22'01"W		Add	Buoy Y, conical, "X" topmark, Fl Y 6s	16°57'32"N 54°04'12"E	
	Depth 20.7 meters Obstn [K41]	30°10'50"N 87°22'20"W			[Q130.6]		
	Depth 18.6 meters Obstn [K41]	30°11'54"N 87°22'29"W			(4(3)17 Muscat)		
	Depth 20.4 meters Obstn [K41]	30°10'13"N 87°21'57"W		<b>803728</b>	1Ed. 5/9/15	LAST NM N35/17	N41/17
	Depth 14.3 meters Obstn [K41]	30°13'48"N 87°21'55"W		Add	Depth 6.3 meters, blue tint and enclosing depth contour (10-meter) centered	16°59'15"N 54°09'52"E	
	Depth 16.7 meters Obstn [K41]	30°14'03"N 87°20'28"W			(7(11)17 Muscat)		
	Depth 11.9 meters Obstn [K41]	30°17'14"N 87°16'52"W		<b>803728</b>	1Ed. 5/9/15	LAST NM N41/17	N33/18
	Depth 3 meters Wk [K26]	30°18'51"N 87°19'26"W		Delete	"Anchorage A NOTE NO 1" area in vicinity	16°56'08"N 54°02'56"E	
(NOS)					"Anchorage B NOTE NO 2" area in vicinity	16°55'19"N 54°02'58"E	
					"Anchorage C NOTE NO 3" area in vicinity	16°54'32"N 54°02'57"E	
					"Anchorage D NOTE NO 4" area in vicinity	16°55'03"N 54°04'50"E	
				Relocate	Pilot station symbol from 16°56'30"N 54°05'24"E to	16°56'48"N 54°09'36"E	
				Add	Anchorage area "A NOTE NO 1" [N12.3] bound by purple dashed line joining	16°56'00"N 54°02'00"E 16°56'00"N 54°04'00"E 16°55'00"N 54°04'00"E 16°55'00"N 54°02'00"E	
<b>803658</b>	1Ed. 8/20/11	LAST NM N29/12	N35/12				
Delete	BELL from buoy "WR2"	30°17'43.4"N 87°18'44.2"W		<b>803728</b>	1Ed. 5/9/15	LAST NM N35/17	N41/17
	(See N5/12-803658)			Add	Depth 6.3 meters, blue tint and enclosing depth contour (10-meter) centered	16°59'15"N 54°09'52"E	
	(32/12 CG8)				(7(11)17 Muscat)		
<b>★803658</b>	1Ed. 8/20/11	LAST NM N35/12	N29/18	<b>803728</b>	1Ed. 5/9/15	LAST NM N41/17	N33/18
Change	Legend to "PENSACOLA BAY BRIDGE under construction CAUTION NO 6"	30°24'17"N 87°11'23"W		Delete	"Anchorage A NOTE NO 1" area in vicinity	16°56'08"N 54°02'56"E	
					"Anchorage B NOTE NO 2" area in vicinity	16°55'19"N 54°02'58"E	
Add	Green tint (bridge construction area) [Dd] 300 meters wide on centerline between	30°24'54"N 87°11'33"W 30°22'26"N 87°10'38"W			"Anchorage C NOTE NO 3" area in vicinity	16°54'32"N 54°02'57"E	
					"Anchorage D NOTE NO 4" area in vicinity	16°55'03"N 54°04'50"E	
	Caution No. 6 to CAUTIONS note in center right margin of chart			Relocate	Pilot station symbol from 16°56'30"N 54°05'24"E to	16°56'48"N 54°09'36"E	
	"6. Fixed and floating obstructions, some submerged, may exist within the green tinted bridge construction area. Mariners are advised to proceed with caution."			Add	Anchorage area "A NOTE NO 1" [N12.3] bound by purple dashed line joining	16°56'00"N 54°02'00"E 16°56'00"N 54°04'00"E 16°55'00"N 54°04'00"E 16°55'00"N 54°02'00"E	
	(NOS)						

(continued on next page)

**803728** (Continued) 33/18

Anchorage area "B NOTE NO 2" [N12.3]  
bound by purple dashed line joining  
16°55'00"N 54°02'00"E  
16°55'00"N 54°04'00"E  
16°54'00"N 54°04'00"E  
16°54'00"N 54°02'00"E

Anchorage area "C NOTE NO 3" [N12.3]  
bound by purple dashed line joining  
16°55'00"N 54°00'00"E  
16°55'00"N 54°02'00"E  
16°54'00"N 54°02'00"E  
16°54'00"N 54°00'00"E

Anchorage area "D NOTE NO 4" [N12.3]  
bound by purple dashed line joining  
16°56'00"N 54°04'00"E  
16°56'00"N 54°05'30"E  
16°54'00"N 54°05'30"E  
16°54'00"N 54°04'00"E

Anchorage area "NORTH NOTE NO 5"  
[N12.3] bound by purple dashed line joining  
16°57'38"N 54°01'07"E  
16°58'14"N 54°02'34"E  
16°57'25"N 54°02'34"E  
16°57'09"N 54°01'21"E

Anchorage area "CONTINGENCY NOTE NO  
6" [N12.3] bound by purple dashed line joining  
16°56'30"N 54°02'00"E  
16°56'30"N 54°04'00"E  
16°56'00"N 54°04'00"E  
16°56'00"N 54°02'00"E

Notes No. 5 and No. 6 to NOTES note in left  
upper margin of chart  
"5. For vessels with draft not more than  
9m and LOA 150m.  
6. For any vessels with emergency cases."  
(5(12), 6(17)18 Muscat)

**803728** 1Ed. 5/9/15 LAST NM N33/18 N44/18  
Delete Anchorage area "NORTH NOTE NO 5" in  
vicinity 16°57'40"N 54°01'58"E  
(See N33/18)

Add Anchorage area "NORTH NOTE NO 5"  
[N12.3] bound by purple dashed line joining  
16°57'38"N 54°01'07"E  
16°57'09"N 54°01'21"E  
16°57'43"N 54°02'34"E  
16°58'14"N 54°02'34"E  
(7(21)18 Muscat)

**803728** 1Ed. 5/9/15 LAST NM N44/18 N24/19  
Delete Buoy 16°57'01"N 54°03'25"E  
Buoy 16°57'00"N 54°01'45"E  
Buoy 16°57'08"N 54°02'05"E  
Buoy 16°57'09"N 54°02'31"E

"Works in progress (2010)" area in vicinity  
16°57'43"N 54°00'33"E  
and add blue tint to above area

Relocate Pilot station symbol from  
16°56'48"N 54°09'36"E to 16°56'48"N 54°05'00"E  
(See N33/18)

Change Buoy to "B1" G, pillar, cone topmark,  
Fl(2) G 4s 16°57'16"N 54°03'29"E  
Buoy to "Inner" G, pillar, cone topmark,  
Fl G 5s 16°57'14"N 54°01'34"E  
Buoy to "W" G, pillar, cone topmark, L Fl G 6s  
16°57'22"N 54°01'55"E  
Buoy to "E" G, pillar, cone topmark, QG  
16°57'25"N 54°02'33"E

Note No. 6 in left upper margin of chart to  
"6. For any vessels maneuvering inbound or  
outbound - in emergencies only;"

Add Green open-outlined arrow indicating flow of  
traffic [M10] oriented 279° 16°57'08"N 54°03'35"E  
Green open-outlined arrow indicating flow of  
traffic [M10] oriented 099° 16°56'48"N 54°03'30"E

Dashed line (routing measure limit) [M15]  
joining  
16°57'00"N 54°01'45"E  
16°57'01"N 54°01'50"E  
16°56'48"N 54°02'30"E  
16°56'30"N 54°04'00"E

Dashed line (routing measure limit) [M15]  
between 16°57'17"N 54°04'00"E  
16°57'16"N 54°03'29"E

Buoy BY, pillar, double cone topmark points  
upward, Q [Q130.3] 16°57'01"N 54°01'50"E  
Buoy "Outer" G, pillar, cone topmark,  
Fl(2) G 4s 16°57'17"N 54°04'00"E  
Buoy "Outer" R, pillar, can topmark, Fl(2) R 4s  
16°56'30"N 54°04'00"E  
Buoy "B2" R, pillar, can topmark, QR  
16°56'48"N 54°02'30"E

Submarine cable [L30.1] joining 17°01'26"N 54°15'47"E  
17°00'21"N 54°15'38"E  
17°00'13"N 54°15'38"E  
16°59'53"N 54°15'42"E  
16°58'53"N 54°15'39"E  
16°58'29"N 54°15'32"E  
16°57'03"N 54°15'29"E  
16°56'05"N 54°15'26"E  
16°54'52"N 54°15'36"E  
16°54'43"N 54°15'35"E  
16°54'24"N 54°15'28"E  
16°53'38"N 54°15'19"E  
16°52'50"N 54°15'21"E  
16°52'30"N 54°15'25"E

Note in left upper margin of chart  
"SUBMARINE CABLES  
Mariners are advised not to anchor, trawl  
or fish in the vicinity of submarine cables."  
(4(8)18, 1(1), 2(4)19 Muscat; 28(3182)18 Taunton;  
UKHO ARCS 2896-0; Oman LL)

**\*803733** 1Ed. 8/26/78 NEW CHART N49/78  
(DMAHTC)

**\*803738** 1Ed. 4/10/10 NEW CHART N40/10  
(NGA)

**803738** 1Ed. 4/10/10 LAST NM N40/10 N33/11  
Delete Buoy "No A" 35°04'45"N 128°59'42"E  
Buoy "No B" 35°04'48"N 128°59'39"E  
(26(336)11 Inchon)

**803738** 1Ed. 4/10/10 LAST NM N33/11 N48/11  
Add Light Fl G 4s 7m 5M 35°05'49"N 128°55'41"E  
(40(596)11 Inchon)

**803738** 1Ed. 4/10/10 LAST NM N48/11 N20/12  
Change Visibility (range) of light to 8M 35°05'36"N 128°53'52"E  
Visibility (range) of light to 8M 35°05'38"N 128°53'52"E  
Visibility (range) of light to 8M 35°09'31"N 129°11'28"E  
Visibility (range) of light to 8M 35°09'34"N 129°11'29"E  
Visibility (range) of light to 8M 35°10'48"N 129°12'28"E  
Visibility (range) of light to 8M 35°10'51"N 129°12'27"E  
Light to Fl Y 5s 18m 8M 35°05'28"N 129°06'48"E  
Light to Fl G 5s 8m 8M 35°05'49"N 128°55'41"E  
(See N48/11-803738)  
(11(148, 149, 151)12 Inchon; ROK CH 201)

**803738** 1Ed. 4/10/10 LAST NM N20/12 N35/13  
Add Buoy ODAS [Q58] "No 2" Y, conical,  
Fl(5) Y 20s 34°55'59"N 129°08'16"E  
(36(551)12 Inchon)

**803738** 1Ed. 4/10/10 LAST NM N35/13 N49/14  
Change Light to Iso Y 4s 18m 11M 35°06'13"N 129°03'48"E

Add Double solid line with land tint (bridge) [D22]  
and vertical clearance 60 meters between  
35°06'02"N 129°03'32"E  
35°06'28"N 129°04'03"E

Light Iso 4s 68m 7M AIS 35°06'20"N 129°03'54"E  
(18(253), 22(340)14 Inchon; UKHO ARCS 1259-2)

<b>803738</b>	1Ed. 4/10/10	LAST NM N49/14	N38/15	Depth 9.4 meters	35°02'15"N	128°58'45"E
Delete	Submarine cable joining		35°10'43"N 129°11'56"E 35°10'13"N 129°12'43"E 35°09'40"N 129°13'04"E 35°09'37"N 129°13'56"E 35°09'39"N 129°13'57"E 35°09'48"N 129°14'16"E 35°10'28"N 129°14'57"E	and extend depth contour (10-meter) and blue tint S to enclose		
		(47(781)11 Inchon)		Light Fl(2) G 8s 21m 6M	35°05'09"N	129°04'59"E
<b>803738</b>	1Ed. 4/10/10	LAST NM N38/15	N21/17	Depth 4.4 meters Obstn [K41]	35°05'44"N	129°01'51"E
Delete	Depth 22 meters		35°09'05"N 129°12'03"E	Depth 3.1 meters Obstn [K41]	35°04'56"N	129°02'08"E
Substitute	Depth 12 meters for 16.6 meters		35°08'56"N 129°12'13"E	Depth 23.5 meters Fish haven [K46.2]	35°06'30"N	129°09'22"E
Change	Light to Fl(3) R 7s 9m 8M Light to Fl(3) G 7s 9m 8M		35°05'29"N 129°06'34"E 35°05'29"N 129°06'21"E	(15(260), 25(455), 50(887)13, 17(225, 227)14, 11(118)15, 2(22)16 Inchon; ROK CH 2153, 2206)		
Add	Depth 49 meters Wk [K26] Depth 21.5 meters and extend depth contour (30-meter) S to enclose		34°55'26"N 129°03'03"E 35°07'52"N 129°11'02"E	<b>803738</b> 1Ed. 4/10/10 LAST NM N23/17 N25/17		
	Depth 17.7 meters enclosed by depth contour (20-meter) centered		35°06'52"N 129°11'59"E	Delete	Dashed line (anchorage area limit) between	
	Depth 44 meters enclosed by depth contour (50-meter) centered		35°07'03"N 129°12'10"E		35°04'35"N 129°02'22"E 35°04'35"N 129°02'41"E	
	Depth 27 meters enclosed by depth contour (30-meter) centered		35°08'19"N 129°12'04"E		Dashed line (anchorage area limit) between	
	(31(570)13 Inchon; ROK CH 2131)				35°03'49"N 129°02'07"E 35°03'49"N 129°03'52"E	
<b>803738</b>	1Ed. 4/10/10	LAST NM N21/17	N22/17		Dashed line (anchorage area limit) between	
Substitute	Depth 5.1 meters for 6.9 meters		35°09'11"N 129°10'55"E		35°03'11"N 129°00'56"E 35°03'11"N 129°01'02"E	
	Depth 56 meters Wk [K26] for 60 meters Wk		34°59'51"N 129°04'36"E		Dashed line (anchorage area limit) between	
	(30(416)15 Inchon; ROK CH 2131)				35°03'54"N 129°01'14"E 35°03'54"N 129°01'26"E	
<b>803738</b>	1Ed. 4/10/10	LAST NM N22/17	N23/17		Dashed line (anchorage area limit) joining	
Delete	Light		35°05'05"N 129°05'00"E		35°02'56"N 129°04'48"E 35°02'59"N 129°05'16"E 35°02'17"N 129°05'32"E	
	Depth 5.3 meters		35°04'56"N 129°02'03"E		Dashed line (anchorage area limit) joining	
	Depth 4.8 meters		35°05'45"N 129°01'49"E		35°02'11"N 129°05'23"E 35°02'12"N 129°05'31"E 35°02'06"N 129°05'29"E	
Substitute	Depth 1.3 meters, R [J9.1] for 7.5 meters and extend depth contour (2-meter) S to enclose		35°03'29"N 129°04'20"E		Green dashed line (anchorage area limit) joining	
	Depth 2.7 meters for 4.2 meters		35°06'00"N 129°06'45"E		35°04'35"N 129°01'35"E 35°04'35"N 129°01'29"E 35°03'55"N 129°01'14"E 35°03'55"N 129°01'26"E	
	Depth 3.9 meters Obstn [K41] for 2.3 meters		35°05'07"N 129°01'52"E		Dashed line (harbor limit) and legend "Hbr limit" between	
Change	Shape of buoy "No 3" to spar		35°05'31"N 129°05'06"E		35°04'54"N 129°01'38"E 35°04'54"N 129°02'13"E	
Add	Depth 19.9 meters enclosed by depth contour (20-meter) centered		35°08'05"N 129°10'39"E	Substitute	Depth 14.2 meters Obstn [K41] for depth 14.5 meters	
	Depth 9.8 meters, blue tint and enclosing depth contour (10-meter) centered		35°03'17"N 128°59'19"E		35°04'26"N 129°02'27"E	
	Depth 29.9 meters Fish haven [K46.2]		35°05'40"N 129°07'56"E	Add	Green dashed line (anchorage area limit) [N12.1] joining	
	Depth 21.3 meters Fish haven [K46.2]		35°05'52"N 129°07'51"E		35°03'55"N 129°01'26"E 35°04'23"N 129°01'26"E 35°04'35"N 129°01'35"E	
	Radio reporting line [M40.2] with legend "VTS Reporting Line" joining		35°01'56"N 128°57'57"E 34°58'49"N 128°59'25"E 34°50'31"N 129°02'30"E 34°56'00"N 129°15'00"E 35°04'15"N 129°19'32"E		Dashed line (anchorage area limit) [N12.1] joining	
	Submarine power cable [L31.1] between		35°05'29"N 129°06'34"E 35°05'24"N 129°06'42"E		35°03'11"N 129°01'02"E 35°03'42"N 129°01'26"E 35°03'54"N 129°01'26"E	
	Double solid line with land tint (pier) [F14] between		35°05'05"N 129°05'00"E 35°05'09"N 129°04'59"E		Dashed line (anchorage area limit) [N12.1] joining	
	Land tint to area bound by shore and solid line [F13] between		35°07'04"N 129°03'00"E 35°06'56"N 129°02'54"E		35°04'35"N 129°02'22"E 35°02'56"N 129°04'48"E 35°02'11"N 129°05'23"E 35°02'06"N 129°05'29"E	
	and delete all hydrography within above area				Dashed line (anchorage area limit) [N12.1] between	
	Depth 22 meters, R [J9.1] enclosed by depth contour (30-meter) centered		35°03'30"N 129°06'28"E		35°04'02"N 129°02'06"E 35°04'02"N 129°03'11"E	
	Depth 9.5 meters, R [J9.1] and extend depth contour (10-meter) and blue tint E to enclose		35°03'06"N 128°59'04"E		Dashed line (harbor limit) [N49] with legend "Hbr limit" between	
					35°04'34"N 129°01'30"E 35°04'50"N 129°02'23"E	
					Depth 10.5 meters Obstn [K41]	
					(27(444), 44(834)16 Inchon; UKHO ARCS 1259-2)	
<b>803738</b>	1Ed. 4/10/10	LAST NM N25/17	N27/17	Delete	Depth 34 meters Fish haven	
					35°06'38"N 129°08'08"E	
Substitute	Depth 25 meters for 28 meters		35°00'26"N 129°00'53"E		Note: Enclosing depth contour (30-meter) and bottom characteristic "R" remain	
Add	Depth 25 meters Wk [K26] Depth 54 meters Wk [K26]		35°01'04"N 128°57'49"E 34°59'26"N 129°01'50"E			

(continued on next page)

**803738** (Continued) 27/17  
 Depth 18.7 meters Fish haven [K46.2] 35°06'34"N 129°08'16"E  
 (ROK CH 2131, 2204)

**803738** 1Ed. 4/10/10 LAST NM N27/17 N28/17  
 Delete Anchor berth "WAY" 35°03'15"N 129°00'34"E  
 Buoy "No 1" 35°02'27"N 128°59'15"E

Change Shape of buoy "No 8" to pillar 35°03'56"N 129°02'04"E  
 Shape of buoy "No 9" to pillar 35°04'15"N 129°01'54"E  
 Light to Fl(2) G 6s 32m 9M Racon (Y) AIS 35°02'57"N 129°00'25"E  
 Light to Fl(2) R 6s 32m 8M 35°03'04"N 129°00'32"E

Add Radio reporting line [M40.2] with legend 35°01'57"N 128°57'57"E  
 "Busan VTS" joining 34°58'47"N 128°59'22"E  
 34°59'39"N 129°05'48"E  
 35°03'08"N 129°05'31"E  
 Radio reporting line [M40.2] with legend 35°03'08"N 129°05'31"E  
 "Busan VTS" joining 34°59'39"N 129°05'48"E  
 35°00'11"N 129°09'52"E  
 35°05'11"N 129°14'52"E  
 35°09'08"N 129°09'14"E  
 Dashed line (harbor limit) [N49] between 35°03'20"N 128°58'38"E  
 35°03'10"N 128°58'41"E  
 (45(97)09, 44(699)11, 11(189)13, 6(67)14 Inchon; ROK CH 2153)

**803738** 1Ed. 4/10/10 LAST NM N28/17 N30/17  
 Relocate Buoy from 35°02'04"N 129°01'14"E to 35°01'55"N 129°01'20"E  
 and add AIS [S17.2]

Change Visibility (range) of light to 9M 35°05'10"N 129°01'52"E  
 Visibility (range) of light to 9M 35°05'06"N 129°02'00"E  
 and add AIS [S17.1]

Add Double solid line with land tint (breakwater) [F4.1] between 35°02'45"N 129°00'22"E  
 35°02'43"N 129°00'36"E  
 Light Fl(2) G 6s 24m 10M 35°02'43"N 129°00'35"E  
 Light Fl(2) Y 6s 24m 10M 35°02'45"N 129°00'23"E  
 Double solid line with land tint (breakwater) [F4.1] between 35°03'10"N 129°00'52"E  
 35°03'01"N 129°00'52"E  
 Light Fl(4) Y 8s 13m 8M 35°03'06"N 129°00'52"E  
 Light Fl(4) Y 8s 13m 8M 35°03'08"N 129°00'52"E  
 Light Fl G 4s 10m 8M 35°08'07"N 129°07'17"E  
 AIS [S17.2] to buoy 35°03'59"N 129°07'52"E  
 AIS [S17.1] to light 35°05'29"N 129°07'37"E  
 AIS [S17.1] to light 35°04'45"N 129°06'18"E  
 AIS [S17.1] to beacon 35°02'14"N 129°05'35"E  
 AIS [S17.2] to buoy 35°02'42"N 129°01'52"E  
 AIS [S17.2] to buoy 35°02'39"N 129°02'13"E  
 AIS [S17.1] to light 35°01'40"N 128°58'22"E  
 Double solid line with land tint (breakwater) [F4.1] joining 35°02'38"N 128°58'58"E  
 35°02'30"N 128°59'11"E  
 35°02'30"N 128°59'22"E  
 Double solid line with land tint (breakwater) [F4.1] between 35°02'46"N 128°59'20"E  
 35°02'49"N 128°59'32"E  
 Light Fl G 4s 18m 9M 35°02'30"N 128°59'22"E  
 Light Fl Y 4s 17m 9M 35°02'38"N 128°58'59"E  
 Light Fl R 4s 18m 8M 35°02'46"N 128°59'20"E  
 Depth 18.3 meters Wk [K26] 35°03'25"N 129°01'40"E  
 (34(633)14, 3(41), 23(376)16, 1(14)17 Inchon; ROK CH 2208; ROK LL)

**803738** 1Ed. 4/10/10 LAST NM N30/17 N31/17  
 Delete Range lights (2), range line and legend "Ldg Lts 314°18'" between 35°03'53"N 128°59'24"E  
 35°02'23"N 129°01'16"E

Change Light to Fl G 5s 14m 9M 35°04'17"N 129°05'02"E

Add Range light, front F G 106m 23M 35°03'42"N 128°59'37"E  
 Range light, rear F G 163m 23M 35°03'59"N 128°59'16"E

Range line extending in 134°18' direction from above rear light dashed for 746 meters, thence solid for 3485 meters  
 Legend "Lts in line 314°18'" along above range line 35°02'34"N 129°01'06"E  
 (ROK CH 2208; ROK LL)

**803738** 1Ed. 4/10/10 LAST NM N31/17 N33/17  
 Delete "Quarantine Anchorage" area in vicinity 35°05'23"N 129°08'17"E

Relocate Buoy ODAS "No 2" from 34°55'59"N 129°08'16"E to 34°55'13"N 129°07'16"E

Add Buoy ODAS [Q58] Y, conical, Fl(5) Y 20s 35°09'43"N 129°12'57"E  
 Beacon YB, double cone topmark points downward, Q(6) + L Fl 10s 17m 8M [Q130.3] 35°08'58"N 129°09'00"E  
 Buoy ODAS [Q58] Y, pillar, Fl(5) Y 20s 35°08'56"N 129°10'11"E  
 Buoy Y, spherical, Fl Y 5s [Q130.6] 35°01'21"N 128°57'22"E  
 Beacon BYB, double cone topmark bases together, Q(3) 10s 15m 8M [Q130.3] 34°58'48"N 128°59'50"E  
 AIS [S17.1] to light 34°58'46"N 128°59'22"E  
 AIS [S17.1] to light 34°55'59"N 128°58'26"E  
 Dangerous wreck [K28] (PA) 35°00'41"N 129°07'49"E  
 Dangerous wreck [K28] (PA) 35°02'37"N 129°06'02"E

Green composite line (prohibited area limit) [N2.1] with legend "Traffic Prohibited Area for Tankers" joining 35°09'10"N 129°15'52"E  
 35°00'11"N 129°07'52"E  
 34°53'09"N 129°00'19"E  
 (35(631)13, 51(1042)14, 9(112), 10(123), 33(628, 630)16, 23(350)17 Busan; ROK CH 2111, 2131; ROK LL)

**803738** 1Ed. 4/10/10 LAST NM N33/17 N41/17  
 Substitute Depth 4.4 meters for 5.7 meters 35°05'56"N 129°02'55"E  
 Depth 6 meters Obstn [K41] for depth 7.4 meters 35°04'50"N 129°02'14"E

Change Buoy to "No 9" G, spar, can topmark, Iso G 4s 35°06'21"N 129°03'40"E  
 Buoy to "No 10" R, spar, cone topmark, Iso R 4s 35°06'30"N 129°03'48"E  
 Buoy to "No 2" R, spar, cone topmark, Iso R 4s 35°05'19"N 129°05'51"E  
 (32(559)17 Busan; ROK CH 2206)

**803738** 1Ed. 4/10/10 LAST NM N41/17 N45/17  
 Delete Depth 34 meters Fish haven 35°05'47"N 129°09'40"E  
 Depth 28 meters Fish haven 35°06'24"N 129°08'54"E  
 Fish haven symbol 35°09'02"N 129°10'42"E

Substitute Depth 26 meters Wk [K26] for 23 meters Wk 35°06'33"N 129°08'49"E

Change Legend to "Restricted Area (Anchoring and Fishing Prohibited)" 35°04'27"N 129°09'34"E

Add Buoy "No 2" YB, pillar, double cone topmark points downward, Q(6) + L Fl 15s [Q130.3] 35°07'44"N 129°09'11"E  
 Double solid line with land tint (breakwater) [F4.1] joining 35°08'02"N 129°07'14"E  
 35°08'06"N 129°07'17"E  
 35°08'07"N 129°07'17"E  
 Danger area "Obstn" [K40] bound by dotted line joining 35°08'02"N 129°07'14"E  
 35°08'04"N 129°07'11"E  
 35°08'09"N 129°07'11"E  
 35°08'11"N 129°07'21"E  
 35°08'09"N 129°07'27"E  
 35°08'06"N 129°07'30"E  
 35°08'04"N 129°07'30"E  
 35°08'00"N 129°07'23"E  
 35°08'01"N 129°07'15"E  
 (1(14)17 Busan; ROK CH 2204)

<b>803738</b>	1Ed. 4/10/10	LAST NM N45/17	N16/18		
Add	Depth 9.9 meters, blue tint and enclosing depth contour (10-meter) with bottom characteristic "R" [J9.1]		35°08'52"N 129°08'17"E		
	Depth 27.5 meters Fish haven [K46.2]		35°05'51"N 129°07'59"E		
	Depth 31 meters Fish haven [K46.2]		35°05'54"N 129°08'14"E		
	Depth 32 meters Fish haven [K46.2]		35°05'54"N 129°08'22"E		
	Depth 33 meters Fish haven [K46.2]		35°05'53"N 129°08'34"E		
	(5(99)18 Busan; ROK CH 2153)				
<b>803738</b>	1Ed. 4/10/10	LAST NM N16/18	N19/18		
Delete	Radio reporting line, radio reporting point symbol and legend "Busan VTS" joining		35°03'08"N 129°05'31"E 34°59'39"N 129°05'48"E 35°00'11"N 129°09'52"E 35°05'11"N 129°14'52"E 35°09'08"N 129°09'14"E		
	Radio reporting line, radio reporting point symbol and legend "Busan VTS" between		34°59'39"N 129°05'48"E 34°58'47"N 128°59'22"E		
	Radio reporting line, radio reporting point symbol and legend "VTS Reporting Line" joining		35°04'15"N 129°19'32"E 34°56'00"N 129°15'00"E 34°50'31"N 129°02'30"E 34°51'29"N 129°02'09"E		
	(See N23, N28/17-803738)				
Add	Beacon R, cone topmark, Fl R 4s 18m 8M		35°09'24"N 129°10'02"E		
	Beacon G, can topmark, Fl G 4s 19m 8M		35°09'15"N 129°09'27"E		
	Radio reporting line [M40.2] with legend "Busan VTS" joining		35°08'17"N 129°16'31"E 35°08'19"N 129°15'56"E 35°00'31"N 129°08'37"E 34°51'29"N 129°02'09"E		
	(36(618), 43(767)17 Busan; ROK CH 2111)				
<b>★803738</b>	1Ed. 4/10/10	LAST NM N19/18	N13/19		
Add	Depth 68 meters "Rep (2000)" enclosed by dotted-line circle [I3.2] centered		35°07'12"N 129°13'26"E		
	Depth 91 meters "Rep (2000)" enclosed by dotted-line circle [I3.2] centered		35°03'11"N 129°12'40"E		
	(NTM0002/2019)				
<b>★803759</b>	1Ed. 1/26/19	NEW CHART (NGA)	N15/19		
<b>★804037</b>	1Ed. 5/7/77	CHART CANCELED (NTM0003/2018)	N17/18		
<b>★ 804233</b>	1Ed. 8/30/08	NEW CHART (NGA)	N31/09		
<b>★ 804344</b>	1Ed. 8/30/08	NEW CHART (NGA)	N31/09		
<b>804344</b>	1Ed. 8/30/08	LAST NM N31/09	N33/11		
Change	Light to Fl(2) Y 6s 10m 7M		37°27'19"N 126°35'39"E		
	(16(227)11 Inchon)				
<b>804344</b>	1Ed. 8/30/08	LAST NM N33/11	N41/11		
Add	Purple circle and legend "AIS" to light		37°26'18"N 126°35'12"E		
	(28(382)11 Inchon)				
<b>804344</b>	1Ed. 8/30/08	LAST NM N41/11	N42/11		
Change	Light to F 39m 7M Racon (C)		37°32'42"N 126°34'57"E		
	(32(480)11 Inchon)				
<b>804344</b>	1Ed. 8/30/08	LAST NM N42/11	N22/13		
Change	Designation of buoy "3" to "11"		37°23'22"N 126°31'59"E		
	Designation of buoy "5" to "13"		37°24'34"N 126°33'00"E		
	Designation of buoy "6" to "14"		37°23'49"N 126°34'03"E		
	Designation of buoy "9" to "15"		37°25'55"N 126°33'47"E		
	Designation of buoy "10" to "16"		37°25'42"N 126°35'00"E		
	Designation of buoy "11" to "17"		37°26'24"N 126°33'57"E		
	Designation of buoy "13" to "19"		37°26'54"N 126°34'08"E		
	Designation of buoy "14" to "24"		37°27'40"N 126°35'16"E		
	Designation of buoy "15" to "21"		37°27'25"N 126°34'18"E		
	Designation of buoy "17" to "23"		37°27'52"N 126°34'27"E		
	Designation of buoy "19" to "25"		37°28'18"N 126°34'36"E		
	Designation of buoy "21" to "27"		37°28'41"N 126°34'59"E		
	Designation of buoy "23" to "29"		37°29'06"N 126°35'10"E		
	Designation of buoy "24" to "30"		37°29'05"N 126°35'41"E		
	Buoy "17" to "31" G, pillar, can topmark, Fl(3) G 7s		37°29'20"N 126°35'18"E		
	Buoy "19" to "33" G, pillar, can topmark, Fl G 4s		37°29'56"N 126°35'44"E		
	Buoy "21" to "35" G, pillar, can topmark, Fl(2) G 6s		37°30'36"N 126°35'44"E		
Add	Buoy Y, pillar, "X" topmark, Fl(3) Y 7s [Q130.6]		37°24'00"N 126°33'05"E		
	(15(270), 18(323)13 Inchon)				
<b>804344</b>	1Ed. 8/30/08	LAST NM N22/13	N23/13		
Change	Light to Fl G 5s 17M		37°28'08"N 126°35'42"E		
	(52(877)12 Inchon)				
<b>804344</b>	1Ed. 8/30/08	LAST NM N23/13	N24/13		
Delete	Anchorage area "A-9" in vicinity		37°24'38"N 126°35'17"E		
Add	Anchorage area [N12.1] bound by purple dashed line joining		37°25'05"N 126°35'39"E 37°24'29"N 126°35'26"E 37°24'44"N 126°34'31"E 37°25'17"N 126°34'48"E		
	(47(772)12 Inchon)				
<b>804344</b>	1Ed. 8/30/08	LAST NM N24/13	N27/13		
Change	Visibility (range) of light to 9M		37°27'43"N 126°35'28"E		
	(8(107)12 Inchon)				
<b>804344</b>	1Ed. 8/30/08	LAST NM N27/13	N29/13		
Relocate	Buoy from 37°24'00"N 126°33'05"E to		37°23'51"N 126°32'44"E		
	(See N22/13-804344)				
	(26(484)13 Inchon)				
<b>804344</b>	1Ed. 8/30/08	LAST NM N29/13	N30/13		
Add	Pilot station symbol [T1.1]		37°30'36"N 126°35'53"E		
	Anchor berth "W-16" [N11.2], radius 250 meters, centered		37°31'14"N 126°35'26"E		
	Anchor berth "W-17" [N11.2], radius 200 meters, centered		37°31'30"N 126°35'20"E		
	(43(680)11 Inchon)				
<b>804344</b>	1Ed. 8/30/08	LAST NM N30/13	N23/17		
Delete	Buoy "4"		37°24'38"N 126°34'06"E		
	Buoy "6"		37°24'49"N 126°34'14"E		
	Buoy "3"		37°24'48"N 126°33'44"E		
	Buoy "1"		37°24'40"N 126°33'38"E		
	Buoy "2"		37°24'30"N 126°34'00"E		
	Buoy "5"		37°25'00"N 126°33'53"E		
	Buoy "7"		37°25'08"N 126°33'59"E		
	Buoy "8"		37°24'58"N 126°34'20"E		
	Buoy "B"		37°24'48"N 126°34'25"E		
	Buoy "C"		37°24'46"N 126°34'29"E		
	Buoy "G"		37°24'36"N 126°34'53"E		
	Buoy "H"		37°24'30"N 126°35'11"E		
	Buoy "J"		37°24'13"N 126°35'03"E		
	Buoy "K"		37°24'18"N 126°34'44"E		
	Buoy "N"		37°24'30"N 126°34'15"E		
	Legend "Area marked by buoys"		37°24'32"N 126°34'33"E		
	Buoy "B"		37°29'43"N 126°37'22"E		
	Anchor berth "W-5" in vicinity		37°24'18"N 126°32'12"E		
	Anchorage area in vicinity		37°24'53"N 126°35'05"E		
	"PROHIBITED AREA" joining		37°24'36"N 126°34'21"E 37°24'17"N 126°35'47"E 37°24'44"N 126°38'28"E		

(continued on next page)

**804344** (Continued) 23/17  
 "PROHIBITED AREA" between 37°28'05"N 126°30'56"E  
 37°25'00"N 126°33'36"E

Substitute Solid line with land tint for dashed line joining  
 37°24'58"N 126°36'35"E  
 37°23'55"N 126°36'35"E  
 37°23'51"N 126°36'29"E  
 37°23'39"N 126°36'29"E  
 37°23'20"N 126°36'59"E  
 37°23'37"N 126°37'17"E  
 37°24'14"N 126°37'11"E  
 37°24'30"N 126°37'42"E  
 37°24'36"N 126°37'41"E  
 37°24'40"N 126°37'57"E  
 37°25'03"N 126°38'03"E

and delete legend "Works in progress"

Add Buoy "M" Y, pillar, "X" topmark, Iso Y 4s AIS [Q130.6] 37°24'34"N 126°34'06"E  
 Buoy "A" Y, pillar, "X" topmark, Iso Y 4s AIS [Q130.6] 37°24'47"N 126°33'39"E  
 Buoy "F" Y, pillar, "X" topmark, Iso Y 4s AIS [Q130.6] 37°25'05"N 126°33'53"E  
 Buoy "G" Y, pillar, "X" topmark, Iso Y 4s AIS [Q130.6] 37°24'52"N 126°34'20"E

Anchorage area "W-5" [N12.3] bound by purple dashed line joining  
 37°24'14"N 126°32'28"E  
 37°24'05"N 126°32'07"E  
 37°24'21"N 126°31'56"E  
 37°24'31"N 126°32'16"E

Anchorage area "A-9" [N12.3] bound by purple dashed line joining  
 37°25'25"N 126°35'12"E  
 37°24'29"N 126°35'26"E  
 37°24'44"N 126°34'31"E  
 37°25'28"N 126°34'54"E

"Being Reclaimed" area [F31] bound by shore and dashed line joining  
 37°24'59"N 126°36'29"E  
 37°24'59"N 126°35'46"E  
 37°25'10"N 126°35'23"E  
 37°25'36"N 126°35'23"E  
 37°25'36"N 126°35'32"E  
 37°25'22"N 126°35'32"E  
 37°25'11"N 126°36'05"E  
 37°25'30"N 126°36'17"E  
 37°25'30"N 126°36'29"E

and delete all hydrography within above area

Land tint to area bound by shore and solid line [F13] joining  
 37°23'34"N 126°37'38"E  
 37°23'14"N 126°37'20"E  
 37°23'21"N 126°36'59"E  
 37°23'35"N 126°36'36"E  
 37°23'15"N 126°36'36"E  
 37°22'55"N 126°36'52"E

Note: Area extends beyond chart border

Land tint to "Spoil Ground" area in vicinity 37°25'18"N 126°37'12"E  
 and delete legend "Spoil Ground"

Double solid line with land tint (bridge) [D22] and vertical clearance 66 meters joining  
 37°24'35"N 126°38'03"E  
 37°24'33"N 126°37'39"E  
 37°24'17"N 126°35'45"E  
 37°24'20"N 126°35'19"E  
 37°24'31"N 126°34'39"E  
 37°24'55"N 126°33'48"E  
 37°25'23"N 126°33'01"E  
 37°28'05"N 126°30'52"E

(ROK CH 3438, 3470)

**804344** 1Ed. 8/30/08 LAST NM N23/17 N25/17  
 Change Vertical clearance of overhead power cable to "31" 37°24'55"N 126°24'38"E

Add Submarine cable [L30.1] between 37°28'08"N 126°35'41"E  
 37°28'04"N 126°35'22"E

Danger circle "Obstn (Stream Sensor)" [K40] 37°28'04"N 126°35'22"E  
 (ROK CH 3438)

**804344** 1Ed. 8/30/08 LAST NM N25/17 N29/17  
 Add Dolphin [F20] with light Fl(4) Y 8s 15m 7M 37°29'55"N 126°37'43"E

Dolphin [F20] with light Fl(4) Y 8s 15m 7M 37°30'00"N 126°37'50"E

Stranded wreck [K24] 37°26'06"N 126°30'30"E  
 (46(895, 896)16 Inchon)

**804344** 1Ed. 8/30/08 LAST NM N29/17 N35/17  
 Delete Depth 8 meters 37°24'08"N 126°31'13"E

Add Depth 7 meters Wk [K26] 37°24'09"N 126°31'11"E  
 Depth 3.8 meters Obstn [K41] 37°23'10"N 126°31'37"E  
 Depth 19.9 meters Wk [K26] 37°28'34"N 126°35'11"E  
 Depth 9.6 meters R [K14.2] 37°29'59"N 126°38'11"E  
 (ROK CH 3438, 3470)

**804344** 1Ed. 8/30/08 LAST NM N35/17 N38/17  
 Delete Submarine pipeline and legend "Oil" between 37°28'54"N 126°36'04"E  
 37°28'58"N 126°36'02"E  
 (ROK CH 3438)

**804344** 1Ed. 8/30/08 LAST NM N38/17 N39/17  
 Relocate Buoy "16" from 37°25'42"N 126°35'00"E to 37°25'41"N 126°35'03"E  
 Buoy "2" from 37°25'53"N 126°35'24"E to 37°25'54"N 126°35'28"E

Change Light to Fl 10s 58m 17M 37°29'50"N 126°35'23"E

Add Radio reporting line [M40.2] with legend "VTS" between 37°30'36"N 126°34'05"E  
 37°30'36"N 126°36'16"E

Radio reporting line, radio reporting symbols with direction pointer (inbound) [M40.2] and legend "VTS" between 37°32'04"N 126°30'51"E  
 37°35'36"N 126°34'09"E

Depth 9.3 meters 37°23'12"N 126°32'25"E  
 and extend depth contour (10-meter) and blue tint SE to enclose  
 (29(495)17 Busan; ROK CH 3415, 3470)

**804344** 1Ed. 8/30/08 LAST NM N39/17 N40/17  
 Delete Light 37°26'37"N 126°35'32"E

Change Visibility (range) of light to 9M 37°28'44"N 126°35'43"E  
 Visibility (range) of light to 9M 37°28'39"N 126°35'40"E  
 Visibility (range) of light to 9M 37°30'19"N 126°36'11"E  
 Visibility (range) of light to 9M 37°30'25"N 126°36'09"E

Add Dangerous wreck [K28] (PA) 37°27'08"N 126°35'11"E  
 (26(425)17 Busan; ROK CH 3614)

**804344** 1Ed. 8/30/08 LAST NM N40/17 N16/18  
 Add Beacon G, can topmark, Fl G 4s 15m 5M 37°37'15"N 126°16'24"E  
 (35(546)09 Busan; ROK LL)

**\*804500** 1Ed. 6/18/16 NEW CHART N6/17  
 (NGA)

**804500** 1Ed. 6/18/16 LAST NM N6/17 N23/17  
 Delete Buoy (wavemeter) 11°08'04"N 74°45'29"W  
 (26(3377)16 Taunton)

**804500** 1Ed. 6/18/16 LAST NM N23/17 N35/18  
 Add Submarine cable [L30.1] joining 11°01'37"N 74°55'26"W  
 11°03'16"N 74°56'26"W  
 11°03'16"N 74°56'51"W  
 11°03'28"N 74°57'08"W  
 11°03'38"N 74°57'18"W  
 11°04'01"N 74°57'27"W  
 11°04'15"N 74°57'30"W  
 11°04'30"N 74°57'40"W  
 11°04'39"N 74°57'47"W  
 11°05'11"N 74°58'01"W  
 11°05'44"N 74°58'15"W  
 11°06'11"N 74°58'19"W  
 11°06'36"N 74°58'17"W

(255/17 Bogota)

**\*805118** 4Ed. 7/25/09 NEW EDITION N6/10  
 (NGA)

<b>805118</b>	4Ed. 7/25/09	LAST NM N6/10	N42/11		
	Change	Legend to "10.9m (2010)"	15°13'30"N 145°41'50"E		
	Add	Foul ground symbol [K31] (NOS; NTM0012/2010)	15°11'24"N 145°41'17"E		
<b>805118</b>	4Ed. 7/25/09	LAST NM N42/11	N51/12		
	Add	Buoy "197" (waverider) Y, spherical, Fl Y 4s (44/12 CG14)	15°16'05"N 145°39'44"E		
<b>805118</b>	4Ed. 7/25/09	LAST NM N51/12	N5/13		
	Change	Height of range light, rear to 38m (1/13 CG14)	15°13'47"N 145°44'59"E		
<b>805118</b>	4Ed. 7/25/09	LAST NM N5/13	N22/14		
	Delete	Buoy "9" (12/14 CG14)	15°05'04"N 145°45'08"E		
<b>805118</b>	4Ed. 7/25/09	LAST NM N22/14	N37/14		
	Delete	Buoy (FAD) "BB" Buoy (FAD) "CC" (24/14 CG14)	15°05'24"N 145°45'48"E 14°59'30"N 145°43'48"E		
<b>805118</b>	4Ed. 7/25/09	LAST NM N37/14	N34/15		
	Change	Light to F WRG 23m 7M (29/15 CG14)	15°14'27"N 145°42'45"E		
<b>★805118</b>	4Ed. 7/25/09	LAST NM N34/15	N25/18		
	Change	Characteristic of buoy "2" to Fl G 2.5s Characteristic of buoy "2A" to QR Characteristic of buoy "3" to QG	15°13'13"N 145°41'25"E 15°13'45"N 145°42'01"E 15°13'39"N 145°42'06"E		
	Add	Light Fl G 2.5s to buoy "1" Light Fl R 2.5s to buoy "4" Light Fl G 2.5s to buoy "5" (20/18 CG14)	15°12'43"N 145°41'45"E 15°13'45"N 145°42'38"E 15°13'40"N 145°42'38"E		
<b>★805124</b>	1Ed. 6/22/85	NEW CHART (DMAHTC)	N7/86		
<b>805124</b>	1Ed. 6/22/85	LAST NM N7/86	N8/86		
	Change	Note in upper right margin of chart to "BUOYAGE IALA Buoyage System (Region A) is in effect in the area covered by this chart. See Chart No. 1." (DMAHTC)			
<b>805124</b>	1Ed. 6/22/85	LAST NM N8/86	N36/88		
	Substitute	R Bn (AERO) for position circle "Tr" (Aus CH 333)	31°01'36"S 115°20'18"E		
<b>805124</b>	1Ed. 6/22/85	LAST NM N36/88	N30/94		
	Delete	Depth 2.5 meters 8.4 meters 6.2 meters 1.4 meters	30°48.7'S 115°09.7'E 30°50.3'S 115°10.6'E 30°50.4'S 115°11.8'E 30°50.8'S 115°12.8'E		
	Add	Depth 2.3 meters 8.1 meters 4.5 meters  Dangerous submerged rock (20(256)94 Sydney)	30°49'44"S 115°12'07"E 30°50'22"S 115°10'46"E 30°50'20"S 115°11'51"E  30°48'45"S 115°09'44"E 30°50'51"S 115°12'51"E		
<b>805124</b>	1Ed. 6/22/85	LAST NM N30/94	N2/01		
	Delete	Depth 2.1 meters Depth 1.3 meters	31°00'18"S 115°19'12"E 31°00'46"S 115°19'30"E		
	Add	Beacon G, cone topmark Beacon BRB, double ball topmark (2(71)00 Wollongong)	31°00'21"S 115°19'17"E 31°00'48"S 115°19'35"E		
<b>805124</b>	1Ed. 6/22/85	LAST NM N2/01	N32/05		
	Delete	Dashed line joining	31°00'54"S 115°15'00"E 30°55'00"S 115°24'00"E 30°47'10"S 115°18'38"E		
		Dashed line between	30°47'10"S 115°13'17"E 30°49'21"S 115°07'42"E		
	Change	Line 1 of Caution No. 1 in center right margin of chart to "1. Anchorage is prohibited within the Military Exercise Area during exercises except for the"			
	Add	Green dashed line (military exercise area) joining	31°00'54"S 115°15'00"E 30°56'15"S 115°17'09"E 30°54'40"S 115°21'53"E 30°52'52"S 115°21'53"E 30°48'49"S 115°19'20"E 30°48'23"S 115°18'40"E 30°48'23"S 115°15'17"E 30°48'58"S 115°14'15"E 30°50'06"S 115°13'50"E 30°50'24"S 115°13'19"E 30°49'21"S 115°07'42"E		
		(24(798)03 Wollongong)			
<b>805124</b>	1Ed. 6/22/85	LAST NM N32/05	N44/11		
	Add	Light Fl G 3s to beacon (19(962)11 Wollongong)	31°00'21"S 115°19'17"E		
<b>★805195</b>	2Ed. 8/20/94	NEW EDITION	N30/96		
	Delete	Dotted line joining	36°14'19"N 129°24'07"E 36°14'13"N 129°24'11"E 36°14'19"N 129°24'16"E		
		between	36°14'17"N 129°24'57"E 36°13'39"N 129°24'57"E		
	Change	Note in right margin of chart to "CAUTION Numerous fish traps and fish havens may exist up to 3 miles offshore."			
	Add	Fish haven area with blue tint bound by existing fish haven and dotted line (limiting danger line) joining	36°14'19"N 129°23'43"E 36°14'19"N 129°24'16"E 36°12'59"N 129°24'16"E 36°12'59"N 129°24'00"E 36°13'11"N 129°24'00"E 36°13'11"N 129°23'43"E		
		joining	36°14'17"N 129°24'57"E 36°14'22"N 129°25'02"E 36°14'22"N 129°25'20"E 36°12'39"N 129°25'16"E 36°12'40"N 129°24'27"E 36°12'52"N 129°24'28"E 36°12'52"N 129°24'43"E 36°13'03"N 129°24'43"E 36°13'03"N 129°25'02"E 36°13'39"N 129°24'57"E		
		"Fish haven" area with blue tint bound by dotted line (limiting danger line) joining	36°15'36"N 129°23'15"E 36°15'36"N 129°24'19"E 36°15'24"N 129°24'19"E 36°15'24"N 129°23'15"E		
		joining	36°15'15"N 129°23'09"E 36°15'21"N 129°23'21"E 36°14'45"N 129°23'43"E 36°14'39"N 129°23'31"E		
		joining	36°16'16"N 129°24'20"E 36°16'16"N 129°24'36"E 36°15'52"N 129°24'36"E 36°15'52"N 129°24'20"E		
		joining	36°18'11"N 129°23'27"E 36°17'46"N 129°23'27"E 36°17'46"N 129°23'41"E 36°17'32"N 129°23'41"E 36°17'32"N 129°23'09"E 36°18'11"N 129°23'09"E		
		(DMA; 36(398)94, 35(537)95 Inchon)			

**805195** 2Ed. 8/20/94 LAST NM N30/96 N15/97  
 Add "Fish haven" area with blue tint bound by dotted line (limiting danger line) joining  
 36°12'40"N 129°26'05"E  
 36°12'02"N 129°26'48"E  
 36°11'45"N 129°26'26"E  
 36°12'23"N 129°25'49"E

joining  
 36°11'19"N 129°24'53"E  
 36°11'11"N 129°24'53"E  
 36°11'11"N 129°26'00"E  
 36°10'59"N 129°26'00"E  
 36°10'59"N 129°24'53"E  
 36°10'51"N 129°24'53"E  
 36°10'51"N 129°24'23"E  
 36°11'19"N 129°24'23"E

(1(4)97 Inchon)

**805195** 2Ed. 8/20/94 LAST NM N15/97 N31/97  
 Add "Marine farm" area bound by dashed line joining  
 36°09'19"N 129°24'23"E  
 36°09'20"N 129°24'27"E  
 36°09'12"N 129°24'29"E  
 36°09'11"N 129°24'25"E

(GIMM020/97)

**805195** 2Ed. 8/20/94 LAST NM N31/97 N42/97  
 Add Dashed-line circle "Marine farm" 36°15'07"N 129°23'13"E  
 (GIMM020/97)

**805195** 2Ed. 8/20/94 LAST NM N42/97 N23/98  
 Add Rock which does not cover 36°11'29"N 129°22'42"E  
 (12(211)98 Inchon)

**805195** 2Ed. 8/20/94 LAST NM N23/98 N44/98  
 Change Period of light to 7s 36°10'53"N 129°23'33"E

Add "Fish trap" area bound by dashed line joining  
 36°11'10"N 129°24'02"E  
 36°11'12"N 129°24'05"E  
 36°11'09"N 129°24'08"E  
 36°11'07"N 129°24'05"E

(26(345)98 Inchon; ROK LL)

**805195** 2Ed. 8/20/94 LAST NM N44/98 N15/99  
 Add "Fish haven" area with blue tint bound by dotted line (limiting danger line) joining  
 36°11'15"N 129°25'59"E  
 36°11'41"N 129°26'30"E  
 36°10'43"N 129°27'57"E  
 36°10'26"N 129°27'35"E  
 36°10'34"N 129°27'23"E  
 36°10'25"N 129°27'11"E

(6(57)99 Inchon)

**805195** 2Ed. 8/20/94 LAST NM N15/99 N33/13  
 Add "Fish Haven" area with blue tint [K46.1] bound by dotted line (limiting danger line) joining  
 36°12'55"N 129°26'46"E  
 36°12'55"N 129°26'52"E  
 36°12'45"N 129°26'52"E  
 36°12'45"N 129°26'46"E

(30(171)13 Inchon)

**805195** 2Ed. 8/20/94 LAST NM N33/13 N34/13  
 Add "Marine Farm" area [K48.1] bound by dashed line joining  
 36°14'58"N 129°23'26"E  
 36°15'01"N 129°23'50"E  
 36°15'07"N 129°23'49"E  
 36°15'09"N 129°24'01"E  
 36°14'48"N 129°24'05"E  
 36°14'46"N 129°23'52"E  
 36°14'53"N 129°23'51"E  
 36°14'51"N 129°23'28"E

"Fish Haven" area with blue tint [K46.1] bound by dotted line (limiting danger line) joining  
 36°12'31"N 129°23'39"E  
 36°12'32"N 129°23'43"E  
 36°12'29"N 129°23'44"E  
 36°12'28"N 129°23'40"E

"Fish Haven" area with blue tint [K46.1] bound by existing fish haven and dotted line (limiting danger line) joining  
 36°11'24"N 129°24'51"E  
 36°11'26"N 129°25'43"E  
 36°11'07"N 129°25'44"E  
 36°11'05"N 129°24'52"E

"Fish Haven" area with blue tint [K46.1] bound by existing fish haven and dotted line (limiting danger line) joining  
 36°11'04"N 129°24'05"E  
 36°11'05"N 129°24'45"E  
 36°10'49"N 129°24'46"E  
 36°10'48"N 129°24'06"E

(30(169)02,10(45), 37(173)12 Inchon)

**805195** 2Ed. 8/20/94 LAST NM N34/13 N45/15  
 Add Depth 16.1 meters Fish haven [K46.2] 36°09'36"N 129°25'01"E  
 (33(466)15 Inchon)

**805195** 2Ed. 8/20/94 LAST NM N45/15 N25/17  
 Add Radio reporting line, radio reporting point symbols with direction pointer (inbound) [M40.2] and legend "Pohang VTS Reporting Line (CH12)" between 36°08'41"N 129°26'00"E  
 36°18'11"N 129°26'00"E

Note: Area extends beyond chart border  
 (21(308)14 Inchon; ROK CH 1416, 1711)

**805195** 2Ed. 8/20/94 LAST NM N25/17 N32/17  
 Add Beacon BYB, double cone topmark bases together, Q(3) 10s 15m 8M [Q130.3] 36°09'16"N 129°24'15"E  
 (39(729)16 Busan; ROK CH 1753)

**★805321** 1Ed. 8/2/18 NEW CHART N43/18  
 (NGA)

**★805353** 1Ed. 4/29/17 NEW CHART 22/18  
 (NGA)

**805353** 1Ed. 4/29/17 LAST NM 22/18 39/18  
 Add "Works in progress (2018)" area [F32] bound by shore and dashed line joining 2°11'44"S 40°55'15"E  
 2°11'28"S 40°56'03"E  
 2°11'58"S 40°56'25"E  
 2°12'50"S 40°55'23"E

and delete all hydrography within above area  
 (21(2250)18 Taunton)

**★805373** 1Ed. 1/20/18 NEW CHART N11/18  
 (NGA)

**805373** 1Ed. 1/20/18 LAST NM N11/18 N41/18  
 Delete Stranded wreck (PA) 17°58'53"N 16°01'53"W  
 Stranded wreck (PA) 17°58'58"N 16°01'45"W  
 Stranded wreck and drying height 0.5 meter 17°58'45"N 16°01'29"W  
 Depth 0.4 meter Wk 17°58'46"N 16°01'25"W  
 "Turning Area" in vicinity 17°59'16"N 16°02'06"W

Range line and legend "Lights in line 087°" between 17°59'08"N 16°03'35"W  
 17°59'15"N 16°01'16"W

Change Range beacon, front to diamond topmark, Oc(2) G 3s 16m 5M 17°59'15"N 16°01'28"W  
 Range beacon, rear to diamond topmark, Oc(2) G 3s 23m 5M 17°59'15"N 16°01'16"W  
 Light to Fl(3) R 17°59'10"N 16°01'52"W

Add Depth 8.7 meters 17°58'47"N 16°02'09"W  
 and extend depth contour (10-meter) W to enclose

Depth 9.4 meters enclosed by depth contour (10-meter) centered 17°58'48"N 16°02'26"W

(continued on next page)



<b>805373</b>	(Continued)		41/18	
	"Dredged to 12m (2017)" area [I22] bound by dashed line joining	17°59'02"N 16°04'17"W 17°59'14"N 16°02'06"W 17°59'27"N 16°01'50"W 17°59'27"N 16°01'45"W 17°59'18"N 16°01'37"W 17°59'12"N 16°01'37"W 17°59'12"N 16°01'53"W 17°59'08"N 16°02'06"W 17°58'57"N 16°04'16"W		
	and delete all hydrography within above area			
	Range line extending in 265° from rear range beacon	17°59'15"N 16°01'16"W		
	dashed for 1550 meters, thence solid for 2570 meters			
	Legend "Lights in line 085°" along above range line	17°59'07"N 16°03'02"W		
	(24(144)18 Brest)			
<b>★ 805576</b>	2Ed. 11/25/17 NEW EDITION (NGA)		N4/18	
<b>★ 806413</b>	1Ed. 8/30/08 NEW CHART (NGA)		N31/09	
<b>★ 806464</b>	2Ed. 11/4/17 NEW EDITION (NGA)		N4/18	
<b>★ 806675</b>	1Ed. 8/30/08 NEW CHART (NGA)		N31/09	
<b>★ 806901</b>	1Ed. 2/28/09 NEW CHART (NGA)		N47/09	
<b>806901</b>	1Ed. 2/28/09 LAST NM N47/09		N5/16	
Change	Height of light to 10m	35°59'11"N 126°39'28"E		
	Height of light to 10m	35°59'24"N 126°39'27"E		
	Light to Fl R 4s 31m 8M AIS	35°59'44"N 126°42'05"E		
	(24(311)06, 39(583)10, 16(284)13 Inchon)			
<b>806901</b>	1Ed. 2/28/09 LAST NM N5/16		N16/16	
Change	Period of buoy "9" to 4s	35°59'02"N 126°35'37"E		
	Beacon to R, cone topmark, Fl R 4s 11m 8M AIS	35°59'00"N 126°38'29"E		
	Characteristic of buoy "15" to Fl(2) G 6s	35°59'18"N 126°39'01"E		
	Characteristic of buoy "16" to Fl(2) R 6s	35°59'06"N 126°38'58"E		
	Characteristic of buoy "17" to Fl G 4s	35°59'44"N 126°39'33"E		
	Characteristic of buoy "18" to Fl R 4s	35°59'39"N 126°39'39"E		
	Period of buoy "23" to 6s	36°00'10"N 126°41'29"E		
	Period of buoy "24" to 6s	36°00'07"N 126°41'14"E		
	(52(873)12, 50(840)15, 3(45)16 Inchon)			
<b>806901</b>	1Ed. 2/28/09 LAST NM N16/16		N18/16	
Add	Buoy "A" Y, pillar, "X" topmark, Fl Y 4s [Q130.6]	35°59'00"N 126°34'59"E		
	Submarine cable (power) [L31.1] joining	35°58'42"N 126°38'01"E 35°58'48"N 126°38'01"E 35°58'55"N 126°37'50"E 35°59'07"N 126°37'45"E 35°59'09"N 126°37'43"E 35°59'13"N 126°37'30"E 35°59'20"N 126°36'51"E 35°59'29"N 126°36'14"E		
	Double dashed line with land tint (bridge) and legend "Under construction (2014) (Marked by yellow light buoys)" between	36°00'19"N 126°42'29"E 35°59'40"N 126°42'23"E		
	Vertical clearance [D20] 20 meters along bridge between	35°59'48"N 126°42'24"E 35°59'43"N 126°42'23"E		
	(15(242), 17(276)09, 33(606), 34(636)14, 46(744)15 Inchon; UKHO ARCS 1008-0)			
<b>806901</b>	1Ed. 2/28/09 LAST NM N18/16		N21/16	
Delete	Beacon	35°58'57"N 126°38'55"E		
Change	Characteristic of buoy "No 19" to Fl(2) G 6s	36°00'08"N 126°39'58"E		
	Characteristic of buoy "No 20" to Fl(2) R 6s	36°00'03"N 126°40'02"E		
	(34(618)13, 7(83)14 Inchon)			
<b>806901</b>	1Ed. 2/28/09 LAST NM N21/16		N24/16	
Add	AIS [S17.1] to beacon	35°58'50"N 126°36'29"E		
	(52(873)12 Inchon)			
<b>806901</b>	1Ed. 2/28/09 LAST NM N24/16		N27/16	
Change	Light to Fl R 5s 17m 8M AIS	35°56'00"N 126°31'45"E		
	Light to Fl G 5s 17m 8M AIS	35°56'00"N 126°31'39"E		
	Height of light to 10m	35°59'18"N 126°41'41"E		
	and add AIS [S17.1]			
Add	Beacon YBY, double cone topmark points together, Q(9) 15s 17m 8M AIS [Q130.3]	36°03'11"N 126°32'31"E		
	Light Fl R 6s 23m 15M AIS	35°58'29"N 126°30'47"E		
	(ROK CH 3484)			
<b>806901</b>	1Ed. 2/28/09 LAST NM N27/16		N31/16	
Delete	Dashed line between	36°00'25"N 126°37'47"E 36°00'28"N 126°39'49"E		
	Dashed line and legend "Harbor Limit" between	36°00'25"N 126°40'24"E 36°00'04"N 126°43'12"E		
	Dashed line and legend "Harbor Limit" between	36°00'01"N 126°43'37"E 35°59'17"N 126°44'30"E		
Change	Height of light to 24m and add AIS [S17.1]	35°59'48"N 126°30'57"E		
	Height of beacon to 19m and add AIS [S17.1]	35°59'16"N 126°30'50"E		
	Light to Fl(2) G 6s 24m 9M Racon (G) AIS	35°58'43"N 126°29'29"E		
Add	Land tint to area bound by shore and solid line [F13] joining	35°58'43"N 126°38'14"E 35°58'46"N 126°38'14"E 35°58'46"N 126°38'19"E 35°58'43"N 126°38'19"E		
	Dashed line (harbor limit) [N49] joining	36°00'33"N 126°39'49"E 36°00'25"N 126°37'47"E 36°00'07"N 126°38'02"E 36°00'01"N 126°43'36"E 35°59'08"N 126°43'42"E		
	Beacon BY, double cone topmark points upward, Q 16m 8M AIS [Q130.3]	36°03'00"N 126°33'46"E		
	Beacon BY, double cone topmark points upward, Q 15m 8M AIS [Q130.3]	36°02'30"N 126°31'45"E		
	(ROK CH 3484)			
<b>806901</b>	1Ed. 2/28/09 LAST NM N31/16		N49/16	
Change	Light to Fl 5s 199m 8M AIS	36°04'52"N 126°26'09"E		
	(15(202)14 Inchon; 15(515)13 Tianjin)			
<b>806901</b>	1Ed. 2/28/09 LAST NM N49/16		N21/17	
Delete	Buoy "A"	35°58'38"N 126°32'24"E		
	Buoy "B"	35°58'38"N 126°32'50"E		
	Buoy "B"	35°58'36"N 126°32'06"E		
	Buoy (mooring)	36°00'17"N 126°41'46"E		
	Buoy (mooring)	35°59'41"N 126°42'09"E		
	Buoy (mooring)	35°59'43"N 126°43'01"E		
	Buoy (mooring)	35°59'39"N 126°43'07"E		
	Buoy (mooring)	35°59'40"N 126°43'16"E		
	Buoy (mooring)	35°59'35"N 126°43'05"E		
Relocate	Buoy "5" from 35°59'01"N 126°32'58"E to	35°59'03"N 126°32'35"E		
	Buoy "6" from 35°58'38"N 126°33'01"E to	35°58'37"N 126°32'35"E		
	(35(535), 40(600)11, 44(842)16 Inchon; UKHO ARCS 1008-0)			

**806901** 1Ed. 2/28/09 LAST NM N21/17 N30/17  
Change Characteristic of light to Fl(3) Y 35°58'45"N 126°36'17"E  
Visibility (range) of light to 10M 35°58'47"N 126°36'49"E  
Light to Fl(3) R 9M 35°58'39"N 126°37'02"E  
(ROK LL)

**806901** 1Ed. 2/28/09 LAST NM N30/17 N31/17  
Change Beacon to YBY, double cone topmark points together, Q(9) 15s 19m 9M [Q130.3] 35°59'19"N 126°31'17"E  
(ROK CH 3456)

**806901** 1Ed. 2/28/09 LAST NM N31/17 N33/17  
Delete Depth 4.9 meters Wk 35°56'24"N 126°28'40"E  
Depth 7.9 meters Obstn 35°56'16"N 126°28'34"E  
Depth 6.4 meters Obstn 35°56'13"N 126°28'52"E  
Depth 7 meters Obstn 35°56'28"N 126°28'56"E  
(ROK CH 3484)

**806901** 1Ed. 2/28/09 LAST NM N33/17 N41/17  
Delete Buoy "A" 35°58'41"N 126°34'11"E  
Buoy "B" 35°58'40"N 126°34'23"E  
Buoy "A" 35°58'35"N 126°31'13"E  
Buoy "C" 35°58'12"N 126°31'01"E  
Buoy "B" 35°58'25"N 126°31'08"E  
Buoy "D" 35°58'24"N 126°30'38"E  
Buoy 35°58'29"N 126°30'57"E  
Buoy "2" 35°58'34"N 126°30'48"E  
Buoy "4" 35°58'36"N 126°31'48"E  
Depth 10.4 meters Obstn 36°00'00"N 126°27'11"E  
Depth 10.5 meters Obstn 35°59'43"N 126°27'16"E  
Depth 10.9 meters Obstn 35°59'34"N 126°27'09"E  
Depth 11.4 meters Obstn 35°59'49"N 126°26'59"E  
Depth 11.9 meters Obstn 35°59'44"N 126°26'42"E  
Depth 11.9 meters Obstn 35°59'32"N 126°26'41"E  
Depth 11.9 meters Obstn 35°59'21"N 126°26'30"E  
Depth 11.3 meters Obstn 35°59'32"N 126°26'54"E  
Depth 11.3 meters Obstn 35°59'21"N 126°26'52"E  
Depth 10 meters Obstn 35°59'52"N 126°27'23"E  
Depth 10.7 meters Wk 35°58'00"N 126°26'20"E  
Light "A" 35°58'30"N 126°33'10"E  
Light and legend "Lighthouse" 35°56'55"N 126°31'21"E  
Substitute Solid line with land tint (wharf extension) [F13] for dashed line joining 35°58'35"N 126°34'35"E  
35°58'34"N 126°34'23"E  
and delete legend "Works in progress"  
Change Period of light to 6s 36°02'10"N 126°30'51"E  
Add Buoy WbuW, pillar, Fl 6s 35°59'11"N 126°30'25"E  
Buoy "8" BY, pillar, double cone topmark points upward, Q [Q130.3] 35°58'38"N 126°34'17"E  
Buoy G, pillar, can topmark, Fl(2) G 6s 35°55'50"N 126°31'15"E  
Light Fl(4) Y 8s 13m 8M Horn 35°58'29"N 126°32'50"E  
Land tint to area (wharf extension) bound by shore and solid line [F13] joining 35°58'29"N 126°33'09"E  
35°58'29"N 126°32'50"E  
35°58'26"N 126°32'50"E  
and delete all hydrography within above area  
(ROK CH 3484)

**806901** 1Ed. 2/28/09 LAST NM N41/17 N44/17  
Delete Dashed line and legend "Harbor Limit" between 35°58'40"N 126°25'53"E  
35°57'41"N 126°25'53"E  
Depth 3.7 meters 36°00'44"N 126°33'36"E  
Change Light "B" to Fl(4) Y 8s 12m 8M 35°58'31"N 126°33'46"E  
Add Depth 2.9 meters 36°00'43"N 126°33'33"E  
Depth 12.5 meters Wk [K26] 35°55'29"N 126°25'22"E  
Solid line (pier extension) [F14] between 36°01'57"N 126°33'26"E  
36°01'58"N 126°33'29"E  
Light Fl G 6s 12m 9M AIS 36°01'58"N 126°33'29"E

Dashed line (harbor limit) [N49] joining 35°55'04"N 126°31'31"E  
35°55'04"N 126°21'30"E  
36°00'00"N 126°21'30"E  
36°00'07"N 126°25'53"E  
"Pilot Disembarking" area [T1.2] bound by purple dashed-line circle, radius 1 mile, centered 35°58'00"N 126°28'00"E  
"Pilot Boarding" area [T1.2] bound by purple dashed-line circle, radius 2 miles, centered 35°57'00"N 126°25'30"E  
(1(11)16 Busan; ROK CH 3100, 3412, 3484)

**806901** 1Ed. 2/28/09 LAST NM N44/17 N30/18  
Change Height of beacon to 16m 36°09'55"N 126°29'29"E  
and add AIS [S17.1]  
Add Solid line (breakwater) [F4.1] between 36°09'38"N 126°30'17"E  
36°09'40"N 126°30'23"E  
Light Fl R 7M 36°09'40"N 126°30'23"E  
(4(82)10, 30(428)11 Busan; ROK LL)

**806901** 1Ed. 2/28/09 LAST NM N30/18 N47/18  
Delete Depth 5 meters 35°56'37"N 126°29'49"E  
Depth 9.7 meters Obstn 35°56'53"N 126°27'14"E  
Substitute Depth 8.8 meters Obstn [K41] for 7.8 meters Obstn 35°58'21"N 126°29'03"E  
Depth 10 meters Obstn [K41] for depth 10.4 meters 35°55'36"N 126°26'40"E  
Add Depth 8.4 meters 35°58'21"N 126°28'21"E  
Depth 6.2 meters 35°57'57"N 126°29'51"E  
Depth 5.3 meters 35°57'35"N 126°29'55"E  
Depth 8.2 meters Obstn [K41] 36°00'50"N 126°28'23"E  
Depth 11.9 meters Obstn [K41] 36°00'04"N 126°26'02"E  
Depth 11.9 meters Obstn [K41] 35°59'49"N 126°26'38"E  
Depth 10.4 meters Obstn [K41] 35°59'18"N 126°27'47"E  
Depth 11.7 meters Obstn [K41] 35°58'43"N 126°26'14"E  
Depth 11.3 meters Obstn [K41] 35°57'46"N 126°25'46"E  
Depth 12.4 meters Obstn [K41] 35°57'12"N 126°25'52"E  
Depth 9.5 meters Obstn [K41] 35°56'55"N 126°27'16"E  
Depth 8.8 meters Obstn [K41] 35°56'37"N 126°27'44"E  
Depth 5.7 meters Obstn [K41] 35°55'30"N 126°28'37"E  
Depth 4.5 meters, blue tint and enclosing depth contour (5-meter) centered 36°00'30"N 126°24'53"E  
Depth 4.7 meters 35°56'32"N 126°29'48"E  
and extend depth contour (5-meter) N to enclose  
Double solid line with land tint (fixed bridge) [D22] with vertical clearance 20 meters between 36°00'19"N 126°42'29"E  
35°59'40"N 126°42'23"E  
Buoy "No A" Y, pillar, "X" topmark, Fl (4) Y 8s [Q130.6] 35°59'43"N 126°42'17"E  
Buoy "No B" Y, pillar, "X" topmark, Fl (4) Y 8s [Q130.6] 35°59'52"N 126°42'18"E  
Buoy "No G" Y, pillar, "X" topmark, Fl (4) Y 8s [Q130.6] 35°59'47"N 126°42'31"E  
Buoy "No H" Y, pillar, "X" topmark, Fl (4) Y 8s [Q130.6] 35°59'40"N 126°42'29"E  
(41(4817)18 Taunton; ROK CH 3521; UKHO ARCS 1008-0)

**806901** 1Ed. 2/28/09 LAST NM N47/18 N49/18  
Delete Depth 11.4 meters Obstn 35°56'44"N 126°26'24"E  
Depth 10.3 meters Obstn 35°56'42"N 126°26'54"E  
Depth 9.5 meters Obstn 35°56'47"N 126°27'11"E  
Depth 10.9 meters Obstn 35°56'26"N 126°26'21"E  
Depth 9.6 meters Obstn 35°56'36"N 126°27'07"E  
Depth 9.6 meters Obstn 35°56'38"N 126°27'25"E  
Depth 9.5 meters Obstn 35°56'31"N 126°27'15"E  
Depth 10.1 meters Obstn 35°56'12"N 126°26'52"E  
Depth 9.5 meters Obstn 35°56'16"N 126°27'08"E  
Depth 9.4 meters Obstn 35°56'11"N 126°27'11"E  
Depth 9.3 meters Obstn 35°56'09"N 126°27'20"E  
Depth 10.5 meters Obstn 35°55'59"N 126°26'31"E  
Depth 9.1 meters Obstn 35°55'47"N 126°27'18"E  
Depth 9.4 meters Obstn 35°55'24"N 126°27'10"E  
Substitute Depth 7.7 meters Obstn [K41] for 8.4 meters Obstn 35°56'24"N 126°27'26"E

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**806921** 1Ed. 3/5/11 LAST NM N26/11 N45/11  
Delete Depth 24 meters 35°20'43"N 129°21'29"E

Add Depth 15 meters enclosed by depth contour (20-meter) centered 35°20'41"N 129°21'29"E

Depth 29 meters Wk [K26] 35°20'27"N 129°21'39"E  
(38(569)11 Inchon)

**806921** 1Ed. 3/5/11 LAST NM N45/11 N20/12  
Delete Buoy "No A" 35°19'34"N 129°18'28"E

Change Light to Fl R 5s 15m 8M 35°17'50"N 129°15'45"E  
Light to Fl R 5s 12m 8M 35°17'20"N 129°15'33"E  
Light to Fl G 5s 24m 8M 35°12'48"N 129°14'04"E  
Light to Fl Y 5s 20m 8M 35°12'48"N 129°13'54"E  
Beacon to Fl G 4s 19m 8M 35°14'26"N 129°15'08"E

Visibility (range) of light to 8M 35°14'14"N 129°14'42"E  
Visibility (range) of light to 8M 35°09'31"N 129°11'28"E  
Visibility (range) of light to 8M 35°09'34"N 129°11'30"E  
Visibility (range) of light to 8M 35°10'48"N 129°12'28"E  
Visibility (range) of light to 8M 35°10'51"N 129°12'27"E  
(11(146-148)12 Inchon; ROK LL)

**806921** 1Ed. 3/5/11 LAST NM N20/12 N38/15  
Delete Submarine cable joining 35°10'08"N 129°12'46"E  
35°09'40"N 129°13'04"E  
35°09'37"N 129°13'56"E  
35°09'39"N 129°13'57"E  
35°09'48"N 129°14'16"E  
35°11'45"N 129°16'14"E  
35°14'34"N 129°19'46"E  
35°19'20"N 129°25'22"E

(47(781)11 Inchon)

**806921** 1Ed. 3/5/11 LAST NM N38/15 N21/17  
Delete Depth 22 meters 35°09'05"N 129°12'03"E

Substitute Depth 3.1 meters enclosed by depth contour (5-meter) for 7.3 meters 35°21'01"N 129°20'24"E  
Depth 6.2 meters for 9.3 meters 35°20'52"N 129°21'11"E  
Depth 3.3 meters for 4.9 meters 35°21'06"N 129°21'42"E  
Note: Bottom characteristic "R" remains

Depth 34 meters for 36 meters 35°20'22"N 129°21'38"E  
Depth 12 meters for 16.6 meters 35°08'56"N 129°12'13"E  
Depth 15.6 meters for 17.1 meters 35°17'47"N 129°19'48"E  
Note: Enclosing depth contour (20-meter) and bottom characteristic "R" remain

Depth 27 meters for 29 meters 35°17'39"N 129°19'53"E

Add Depth 17.7 meters enclosed by depth contour (20-meter) centered 35°06'52"N 129°11'59"E  
Depth 44 meters enclosed by depth contour (50-meter) centered 35°07'03"N 129°12'10"E  
Depth 21.5 meters 35°07'52"N 129°11'02"E  
and extend depth contour (30-meter) S to enclose

Depth 27 meters enclosed by depth contour (30-meter) centered 35°08'19"N 129°12'04"E  
Depth 3.6 meters 35°21'01"N 129°21'42"E  
and extend depth contour (5-meter) S to enclose  
(ROK CH 142, 2131)

**806921** 1Ed. 3/5/11 LAST NM N21/17 N22/17  
Substitute Depth 5.1 meters for 6.9 meters 35°09'11"N 129°10'55"E

Change Light to Fl R 5s 18m 8M 35°13'17"N 129°13'46"E  
(30(416)15 Inchon; ROK LL)

**806921** 1Ed. 3/5/11 LAST NM N22/17 N23/17  
Add Depth 19.9 meters enclosed by depth contour (20-meter) centered 35°08'05"N 129°10'39"E

Radio reporting line [M40.2] with legend "VTS Reporting Line" joining 35°11'48"N 129°13'45"E  
35°05'00"N 129°20'00"E  
35°00'30"N 129°17'32"E

Wreck [K29] (PA) 35°08'00"N 129°18'00"E  
Wreck [K29] "Rep (2015)" 35°07'44"N 129°18'04"E  
Wreck [K29] "Rep (2015)" 35°09'23"N 129°19'21"E  
Wreck [K29] "Rep (2015)" 35°10'35"N 129°20'58"E

Depth 23.5 meters Fish haven [K46.2] 35°06'30"N 129°09'22"E

Buoy ODAS [Q58] Y, spherical, "X" topmark, Fl Y 5s 35°17'50"N 129°17'19"E  
(30(561)13, 17(225, 227)14, 11(118), 44(677), 45(706)15 Inchon)

**806921** 1Ed. 3/5/11 LAST NM N23/17 N27/17  
Delete Depth 34 meters Fish haven 35°06'38"N 129°08'08"E

Add Depth 18.7 meters Fish haven [K46.2] 35°06'34"N 129°08'16"E  
(ROK CH 2204)

**806921** 1Ed. 3/5/11 LAST NM N27/17 N30/17  
Add Light Fl G 4s 10m 8M 35°08'07"N 129°07'17"E  
(1(14)17 Inchon)

**806921** 1Ed. 3/5/11 LAST NM N30/17 N33/17  
Delete "Quarantine Anchorage" area in vicinity 35°05'48"N 129°08'18"E

Buoy ODAS 35°08'55"N 129°10'06"E

Add Buoy ODAS [Q58] Y, conical, Fl(5) Y 20s 35°09'43"N 129°12'57"E  
Buoy ODAS [Q58] Y, pillar, Fl(5) Y 20s 35°08'56"N 129°10'11"E  
Beacon YB, double cone topmark points downward, Q(6) + L Fl 10s 17m 8M [Q130.3] 35°08'58"N 129°09'00"E  
(51(1042)14, 33(628)16, 23(350)17 Busan; ROK CH 2112)

**806921** 1Ed. 3/5/11 LAST NM N33/17 N45/17  
Delete Depth 34 meters Fish haven 35°05'47"N 129°09'40"E  
Depth 28 meters Fish haven 35°06'24"N 129°08'54"E  
Fish haven symbol 35°09'02"N 129°10'42"E

Add Double solid line with land tint (breakwater) [F4.1] joining 35°08'02"N 129°07'14"E  
35°08'06"N 129°07'17"E  
35°08'07"N 129°07'17"E

Danger area "Obstn" [K40] bound by dotted line joining 35°08'02"N 129°07'14"E  
35°08'04"N 129°07'11"E  
35°08'09"N 129°07'11"E  
35°08'11"N 129°07'21"E  
35°08'09"N 129°07'27"E  
35°08'06"N 129°07'30"E  
35°08'04"N 129°07'30"E  
35°08'00"N 129°07'23"E  
35°08'01"N 129°07'15"E

(1(14)17 Busan; ROK CH 2204)

**806921** 1Ed. 3/5/11 LAST NM N45/17 N16/18  
Add Depth 9.9 meters, blue tint and enclosing depth contour (10-meter) with bottom characteristic "R" [J9.1] 35°08'52"N 129°08'17"E

Depth 27.5 meters Fish haven [K46.2] 35°05'51"N 129°07'59"E  
Depth 31 meters Fish haven [K46.2] 35°05'54"N 129°08'14"E  
Depth 32 meters Fish haven [K46.2] 35°05'54"N 129°08'22"E  
Depth 33 meters Fish haven [K46.2] 35°05'53"N 129°08'34"E  
(5(99)18 Busan; ROK CH 2153)

**806921** 1Ed. 3/5/11 LAST NM N16/18 N19/18  
Delete Dashed line and legend "Busan VTS (CH 12)" joining 35°03'07"N 129°12'47"E  
35°05'11"N 129°14'52"E  
35°09'08"N 129°09'14"E

Radio reporting line, radio reporting point symbol and legend "VTS Reporting Line" joining 35°00'30"N 129°17'32"E  
35°05'00"N 129°20'00"E  
35°08'16"N 129°17'00"E

(See N23/17-806921)

Add Beacon R, cone topmark, Fl R 4s 18m 8M 35°09'24"N 129°10'02"E

(continued on next page)

<b>806921</b>	(Continued)		19/18		Depth 9.3 meters Obstn [K41] "Rep (2017)"		
	Beacon G, can topmark, Fl G 4s 19m 8M			35°09'15"N 129°09'27"E	(35(4468)16, 2(201)18 Taunton)		29°21'10"N 47°55'52"E
	Radio reporting line [M40.2] with legend "Busan VTS" joining			35°08'16"N 129°17'00"E 35°08'19"N 129°15'56"E 35°03'45"N 129°11'38"E			
	(36(618), 43(767)17 Busan; ROK CH 2111)						
<b>★806921</b>	1Ed. 3/5/11 LAST NM N19/18		N13/19				
Add	Depth 68 meters "Rep (2000)" enclosed by dotted-line circle [I3.2] centered			35°07'12"N 129°13'26"E	(43(4990)17 Taunton)		
	Depth 156 meters "Rep (2000)" enclosed by dotted-line circle [I3.2] centered			34°59'39"N 129°24'44"E			
	(NTM0002/2019)						
<b>★806927</b>	8Ed. 9/12/98 CHART CANCELED		N17/18				
	(NTM0003/2018)						
<b>★806928</b>	1Ed. 4/10/10 NEW CHART		N40/10				
	(NGA)						
<b>806928</b>	1Ed. 4/10/10 LAST NM N40/10		N22/15				
Add	Fish haven area with blue tint [K46.1] bound by dotted line (limiting danger line) joining			34°40'50"N 127°25'56"E 34°40'59"N 127°26'04"E 34°40'48"N 127°26'23"E 34°40'42"N 127°26'13"E			
	Beacon YB, double cone topmark points downward, Q(6) + L Fl 15s 10m 8M [Q130.3]			34°46'30"N 127°26'35"E			
	Fish haven symbol [K46.1]			34°43'29"N 127°14'53"E			
	Fish haven symbol [K46.1]			34°43'48"N 127°14'18"E			
	Depth 5.7 meters Wk [K26]			34°42'49"N 127°41'45"E			
	Buoy "A" Y, can [Q130.6]			34°42'36"N 127°42'21"E			
	Buoy "F" Y, can [Q130.6]			34°42'46"N 127°42'47"E			
	(19(281), 22(344), 47(316), 49(1000)14, 2(9)15 Inchon)						
<b>★806929</b>	1Ed. 12/26/09 NEW CHART		N40/10				
	(NGA)						
<b>★806932</b>	1Ed. 8/3/13 NEW CHART		N5/14				
	(NGA)						
<b>806932</b>	1Ed. 8/3/13 LAST NM N5/14		N28/16				
Add	Legend "Causeway Under Construction (2015)"			29°23'42"N 47°55'32"E			
	Legend "Causeway Under Construction (2015)"			29°24'39"N 47°56'12"E			
	Legend "Causeway Under Construction (2015)"			29°25'42"N 47°57'43"E			
	Legend "Causeway Under Construction (2015)"			29°28'46"N 48°00'20"E			
	(32(4013)15 Taunton; UKHO ARCS 1214-0)						
<b>806932</b>	1Ed. 8/3/13 LAST NM N28/16		N36/16				
Add	Buoy "ST 4" Y, conical, Fl Y 10s [Q130.6]			29°27'42"N 48°03'30"E			
	Buoy "ST 5" Y, conical, Fl Y 10s [Q130.6]			29°27'36"N 47°54'30"E			
	Buoy "ST 6" Y, conical, Fl Y 10s [Q130.6]			29°25'18"N 47°50'00"E			
	Buoy "ST 7" Y, conical, Fl Y 10s [Q130.6]			29°23'30"N 47°47'30"E			
	Buoy "ST 8" Y, conical, Fl Y 10s [Q130.6]			29°21'51"N 47°52'54"E			
	Buoy "ST 9" Y, conical, Fl Y 10s [Q130.6]			29°16'36"N 48°06'30"E			
	(1(130)16 Taunton)						
<b>806932</b>	1Ed. 8/3/13 LAST NM N36/16		N20/18				
Add	Depth 6.6 meters			29°23'34"N 47°57'34"E			
	Depth 6.5 meters			29°23'23"N 47°57'25"E			
	Depth 9.4 meters			29°21'02"N 47°55'42"E			
	Depth 9 meters "Rep (2017)" [I3.2]			29°21'04"N 47°55'51"E			
	Depth 7.9 meters Obstn [K41] "Rep (2017)"			29°24'52"N 47°58'54"E			
<b>806932</b>	1Ed. 8/3/13 LAST NM N20/18		N22/19				
Add	Entry prohibited area [N2.2] with legend "(buoyed)" bound by green composite line joining			29°23'28"N 47°47'04"E 29°23'26"N 47°47'22"E 29°23'14"N 47°47'23"E 29°22'58"N 47°47'09"E			
	(43(4990)17 Taunton)						
<b>806932</b>	1Ed. 8/3/13 LAST NM N22/19		N32/19				
Add	AIS [S17.1] to light			29°21'05"N 48°06'03"E	(21(2577)19 Taunton)		
<b>★806938</b>	1Ed. 6/3/17 NEW CHART		N40/17				
	(NGA)						
<b>806938</b>	1Ed. 6/3/17 LAST NM N40/17		N41/17				
Change	Height of light to 22m			34°47'01"N 126°24'53"E	(ROK CH 3155)		
<b>806938</b>	1Ed. 6/3/17 LAST NM N41/17		N7/19				
Delete	AIS from light			34°47'18"N 126°18'59"E			
	AIS from buoy "No 10"			34°47'12"N 126°20'55"E			
	AIS from buoy			34°46'11"N 126°15'57"E			
	Buoy "A"			34°47'45"N 126°20'56"E			
	Buoy "B"			34°47'40"N 126°20'55"E			
	Buoy "C"			34°47'36"N 126°21'05"E			
Change	Beacon to G, can topmark, Fl(2) G 6s 12m 9M			34°55'14"N 126°22'52"E			
	Beacon to YB, double cone topmark points downward, Q(6) + L Fl W 15s 14m 8M [Q130.3]			34°57'56"N 126°15'08"E			
	Light to Fl W 5s 14m 10M			34°46'55"N 126°20'20"E			
	Height of light to 18m			35°05'11"N 126°23'34"E			
Add	Beacon G, can topmark, Fl G 6s 14m 9M			34°47'24"N 126°19'58"E			
	Light Fl G 4s 18m 9M			34°57'59"N 126°23'24"E			
	Solid line (pier) [F14] between			34°58'02"N 126°23'22"E 34°57'59"N 126°23'24"E			
	(50(756), 51(769)09, 46(848)17, 17(291), 27(498), 32(594), 35(677)18 Busan; ROK CH 3113, 3155)						
<b>806938</b>	1Ed. 6/3/17 LAST NM N7/19		N9/19				
Delete	Dangerous wreck			34°44'12"N 126°21'30"E			
	Depth 9.7 meters Wk			34°48'23"N 126°21'31"E			
	Legend "Works in progress"			34°48'15"N 126°21'14"E			
Change	Legend "Spoil Ground" to "Under Construction"			34°46'11"N 126°21'14"E			
Add	Depth 12.1 meters Wk [K26]			34°47'27"N 126°25'47"E			
	Depth 12 meters Wk [K26]			34°40'02"N 126°14'23"E			
	Depth 0.2 meter Wk [K26]			34°47'27"N 126°19'54"E			
	Depth 13 meters Obstn [K41]			34°44'10"N 126°21'33"E			
	Depth 25.5 meters Obstn [K41]			34°45'42"N 126°18'06"E			
	Depth 18.7 meters Obstn [K41]			34°46'34"N 126°23'54"E			
	Depth 12.4 meters			34°46'58"N 126°21'36"E			
	Depth 9.5 meters and extend depth contour (10-meter) and blue tint NW to enclose			34°44'12"N 126°20'50"E			
	Solid line (detached breakwater) [F4.1] between			34°48'21"N 126°21'28"E 34°48'22"N 126°21'36"E			
	(34(651), 50(978)16, 21(318)17 Busan; ROK CH 3135, 3155, 3162)						
<b>806938</b>	1Ed. 6/3/17 LAST NM N9/19		N25/19				
Delete	Depth 2.6 meters Obstn			34°47'33"N 126°16'03"E			
	Depth 3.8 meters Obstn			34°47'38"N 126°16'08"E			
	Depth 10.2 meters Obstn			34°46'25"N 126°17'46"E			
	Depth 2.7 meters Fish haven			34°47'02"N 126°17'54"E			

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<b>806938</b>	(Continued)		25/19		
	Depth 2.3 meters Fish haven	34°46'39"N	126°17'14"E		
	Depth 3.9 meters Fish haven	34°46'34"N	126°17'27"E		
	Depth 7 meters Fish haven	34°46'22"N	126°17'56"E		
Substitute	Solid line with land tint (wharf extension) [F13] for dashed line joining	34°44'58"N	126°21'07"E		
		34°44'53"N	126°21'13"E		
		34°44'59"N	126°21'21"E		
	and delete legend "Works in Progress" in vicinity				
	Solid line with land tint (wharf extension) [F13] for dashed line between	34°45'42"N	126°21'08"E		
		34°45'42"N	126°21'16"E		
	and delete legend "Works in Progress" in vicinity				
Change	Height of light to 12m	34°43'55"N	126°22'17"E		
Add	Land tint to area bound by shore and solid line [F13] joining	34°44'33"N	126°21'40"E		
		34°44'31"N	126°21'38"E		
		34°44'29"N	126°21'42"E		
	Depth 4.5 meters Obstn [K41] (49(733)09, 25(322)11 Busan; ROK CH 3135, 3155)	34°47'33"N	126°16'02"E		
<b>806938</b>	1Ed. 6/3/17 LAST NM N25/19		N26/19		
Delete	Green dashed line joining	34°45'45"N	126°17'52"E		
		34°45'01"N	126°19'03"E		
		34°44'13"N	126°20'25"E		
	Depth 21 meters Wk	34°44'47"N	126°20'24"E		
	Buoy "A"	34°47'46"N	126°17'25"E		
	Buoy "B"	34°48'23"N	126°17'42"E		
	Buoy "C"	34°47'24"N	126°18'37"E		
	Buoy "D"	34°47'29"N	126°18'07"E		
Substitute	Depth 19.6 meters Wk [K26] for 20.8 meters Wk	34°44'51"N	126°20'45"E		
Change	Height of light to 37m	34°45'43"N	126°17'51"E		
Add	Depth 17.8 meters Obstn [K41]	34°45'25"N	126°20'59"E		
	Depth 15.8 meters Obstn [K41]	34°44'49"N	126°21'01"E		
	Depth 15.3 meters Obstn [K41]	34°47'12"N	126°21'16"E		
	Depth 8 meters Obstn [K41]	34°47'48"N	126°20'49"E		
	Depth 9 meters Obstn [K41]	34°47'53"N	126°20'55"E		
	Depth 11.6 meters Wk [K26]	34°47'38"N	126°20'44"E		
	Depth 26.5 meters Wk [K26]	34°45'46"N	126°18'04"E		
	Solid line (pier) [F14] between	34°47'47"N	126°21'07"E		
		34°47'43"N	126°21'03"E		
	Solid line (pier) [F14] joining	34°47'45"N	126°21'09"E		
		34°47'42"N	126°21'05"E		
		34°47'40"N	126°21'07"E		
	Buoy "No 14" R, pillar, cone topmark, Fl R 4s	34°47'13"N	126°21'21"E		
	Buoy "No 13" G, pillar, can topmark, Fl G 4s	34°47'25"N	126°21'26"E		
	Radio reporting line [M40.2] with legend "VTS - 20kt limit" between	34°46'32"N	126°17'18"E		
		34°45'51"N	126°17'18"E		
	Fish haven symbol [K46.1] (4(58)15, 52(970)17, 38(747), 39(775)18 Busan; KOR CH 3155)	34°46'23"N	126°18'15"E		
<b>★806939</b>	1Ed. 12/11/10 NEW CHART (NGA)		N14/11		
<b>806939</b>	1Ed. 12/11/10 LAST NM N14/11		N42/11		
Add	Light Fl(2) G 6s 11m 8M	35°35'50"N	129°27'49"E		
	Light Fl R 5s 11m 5M	35°35'37"N	129°27'49"E		
	(32(472)11 Inchon)				
<b>806939</b>	1Ed. 12/11/10 LAST NM N42/11		N48/11		
Add	Fish haven symbol [K46.1] (39(153)11 Inchon)	35°48'52"N	129°31'16"E		
<b>806939</b>	1Ed. 12/11/10 LAST NM N48/11		N22/12		
Change	Light to Fl R 5s 13m 5M, Fl G 5s 13m 6M	35°33'41"N	129°27'30"E		
	(17(232)12 Inchon)				
<b>806939</b>	1Ed. 12/11/10 LAST NM N22/12		N25/13		
Add	AIS [S17.1] to beacon (7(107)13 Inchon)	35°34'00"N	129°28'25"E		
<b>806939</b>	1Ed. 12/11/10 LAST NM N25/13		N28/13		
Add	Light Fl G 5s 14m 6M	35°47'23"N	129°29'41"E		
	Buoy "No A" Y, pillar, "X" topmark [Q130.6]	35°43'35"N	129°29'34"E		
	Buoy "No B" Y, pillar, "X" topmark [Q130.6]	35°43'18"N	129°29'21"E		
	Light Fl(2) Y 6s 15m 7M (4(60), 7(106)13 Inchon)	35°41'58"N	129°28'33"E		
<b>806939</b>	1Ed. 12/11/10 LAST NM N28/13		N32/13		
Add	Anchor berth "T-1" [N11.1]	35°30'37"N	129°27'18"E		
	Anchor berth "T-2" [N11.1]	35°30'57"N	129°27'18"E		
	Anchor berth "T-3" [N11.1] (9(124)12 Inchon)	35°31'40"N	129°27'34"E		
<b>806939</b>	1Ed. 12/11/10 LAST NM N32/13		N22/15		
Delete	Light (48(980)14 Inchon)	35°48'21"N	129°30'25"E		
<b>806939</b>	1Ed. 12/11/10 LAST NM N22/15		N37/15		
Delete	Submarine cable in vicinity (47(781)11 Inchon)	35°34'30"N	129°43'00"E		
<b>806939</b>	1Ed. 12/11/10 LAST NM N37/15		N20/19		
Delete	Light (F 30m)	35°48'25"N	129°30'40"E		
Change	Light to Fl R 5s 9m 7M	35°48'50"N	129°30'47"E		
	Light to Fl 20s 34m 26M Siren AIS	35°48'26"N	129°30'42"E		
Add	Depth 16.7 meters Fish haven [K46.2]	35°49'04"N	129°31'18"E		
	Depth 17 meters Fish haven [K46.2] (21(309), 36(693), 50(1014)14, 51(955)17, 44(930)18 Busan; ROK LL)	35°44'48"N	129°30'04"E		
<b>806939</b>	1Ed. 12/11/10 LAST NM N20/19		N21/19		
Delete	Light	35°48'13"N	129°30'25"E		
	Light	35°48'13"N	129°30'31"E		
	Double solid line and land tint area (detached breakwater) in vicinity	35°48'13"N	129°30'28"E		
Change	Range of light to 8M	35°48'18"N	129°30'30"E		
Add	Double solid line with land tint (breakwater) [F4.1] joining	35°48'15"N	129°30'18"E		
		35°48'13"N	129°30'20"E		
		35°48'13"N	129°30'30"E		
		35°48'14"N	129°30'33"E		
	Light Fl G 4s 20m 8M	35°48'14"N	129°30'33"E		
	Light Fl(2) G 6s 15m 8M (48(785)11, 35(524)12, 28(466), 484)16, 36(710)18 Busan; ROK CH 1754)	35°48'20"N	129°30'23"E		
<b>★806941</b>	1Ed. 2/15/14 NEW CHART (NGA)		N26/14		
<b>★806943</b>	1Ed. 12/11/10 NEW CHART (NGA)		N26/11		
<b>806943</b>	1Ed. 12/11/10 LAST NM N26/11		N33/11		
Delete	Buoy "No A"	35°04'45"N	128°59'42"E		
	Buoy "No B" (26(336)11 Inchon)	35°04'48"N	128°59'39"E		
<b>806943</b>	1Ed. 12/11/10 LAST NM N33/11		N48/11		
Add	Light Fl G 4s 7m 5M (40(596)11 Inchon)	35°05'49"N	128°55'41"E		
<b>806943</b>	1Ed. 12/11/10 LAST NM N48/11		N20/12		
Change	Visibility (range) of light to 8M	35°00'42"N	128°49'30"E		
	Visibility (range) of light to 8M	35°05'36"N	128°53'52"E		

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**806943** (Continued) 27/17  
 "Pilot Boarding" area [T1.2] bound by dashed line joining  
 34°57'36"N 128°49'50"E  
 34°57'21"N 128°49'06"E  
 34°58'45"N 128°48'30"E  
 34°58'58"N 128°49'10"E  
 "Pilot Disembarking" area [T1.2] bound by dashed line joining  
 35°00'20"N 128°47'08"E  
 34°59'23"N 128°47'28"E  
 34°59'39"N 128°48'02"E  
 35°00'38"N 128°47'36"E  
 (2(46), 44(700)11, 1(2)12, 44(774)13, 1(7)16 Inchon; ROK CH 2131)

**806943** 1Ed. 12/11/10 LAST NM N27/17 N28/17  
 Delete Purple tint area (traffic separation zone) in vicinity  
 35°02'14"N 129°01'07"E  
 Anchor berth "WAY"  
 35°03'15"N 129°00'34"E  
 Buoy "No 1"  
 35°02'27"N 128°59'15"E

Change Light to Fl(2) G 6s 32m 9M Racon (Y) AIS  
 35°02'57"N 129°00'25"E  
 Light to Fl(2) R 6s 32m 8M  
 35°03'04"N 129°00'32"E

Add Depth 21.5 meters Wk [K26]  
 34°59'50"N 128°48'44"E  
 Purple tint area (traffic separation zone) [M13] bound by limit joining  
 35°02'27"N 129°01'00"E  
 35°01'54"N 129°01'32"E  
 35°01'26"N 129°01'21"E  
 Dashed line (harbor limit) [N49] between  
 35°03'20"N 128°58'38"E  
 35°03'10"N 128°58'41"E  
 (44(699)11, 11(189)13, 6(67)14, 52(1021)16 Inchon; ROK CH 2153)

**806943** 1Ed. 12/11/10 LAST NM N28/17 N30/17  
 Relocate Buoy from 35°02'04"N 129°01'14"E to  
 35°01'55"N 129°01'20"E  
 and add AIS [S17.2]

Change Visibility (range) of light to 9M  
 35°05'10"N 129°01'52"E  
 Visibility (range) of light to 9M  
 35°05'06"N 129°02'00"E  
 and add AIS [S17.1]

Add Double solid line with land tint (breakwater) [F4.1] between  
 35°02'45"N 129°00'22"E  
 35°02'43"N 129°00'36"E  
 Light Fl(2) G 6s 24m 10M  
 35°02'43"N 129°00'35"E  
 Light Fl(2) Y 6s 24m 10M  
 35°02'45"N 129°00'23"E  
 Double solid line with land tint (breakwater) [F4.1] between  
 35°03'10"N 129°00'52"E  
 35°03'01"N 129°00'52"E  
 Light Fl(4) Y 8s 13m 8M  
 35°03'06"N 129°00'52"E  
 Light Fl(4) Y 8s 13m 8M  
 35°03'08"N 129°00'52"E  
 Light Fl R 5s 7M  
 35°00'46"N 128°49'31"E  
 AIS [S17.1] to light  
 34°59'22"N 128°49'45"E  
 AIS [S17.1] to light  
 35°00'30"N 128°46'53"E  
 AIS [S17.2] to buoy  
 35°02'42"N 129°01'52"E  
 AIS [S17.2] to buoy  
 35°02'39"N 129°02'13"E  
 AIS [S17.1] to light  
 35°01'40"N 128°58'22"E  
 Double solid line with land tint (breakwater) [F4.1] joining  
 35°02'38"N 128°58'58"E  
 35°02'30"N 128°59'11"E  
 35°02'30"N 128°59'22"E  
 Double solid line with land tint (breakwater) [F4.1] between  
 35°02'46"N 128°59'20"E  
 35°02'49"N 128°59'32"E  
 Light Fl G 4s 18m 9M  
 35°02'30"N 128°59'22"E  
 Light Fl Y 4s 17m 9M  
 35°02'38"N 128°58'59"E  
 Light Fl R 4s 18m 8M  
 35°02'46"N 128°59'20"E  
 Depth 18.3 meters Wk [K26]  
 35°03'25"N 129°01'40"E  
 (34(633), 35(662)14, 3(41), 23(376), 47(910)16 Inchon; ROK CH 2208; ROK LL)

**806943** 1Ed. 12/11/10 LAST NM N30/17 N31/17  
 Delete Range lights (2), range line and legend "Ldg Lts 314°18'" between  
 35°03'53"N 128°59'24"E  
 35°02'23"N 129°01'16"E

Change Range light, front to F G 106m 39M  
 35°04'39"N 128°46'04"E  
 Range light, rear to F G 195m 39M  
 35°05'46"N 128°45'33"E

Add Range light, front F G 106m 23M  
 35°03'42"N 128°59'37"E  
 Range light, rear F G 163m 23M  
 35°03'59"N 128°59'16"E  
 Range line extending in 134°18' direction from above rear light dashed for 746 meters, then solid for 3485 meters  
 Legend "Lts in line 314°18'" along above range line  
 35°02'34"N 129°01'06"E  
 (ROK CH 2208; ROK LL)

**806943** 1Ed. 12/11/10 LAST NM N31/17 N33/17  
 Delete Green composite line between  
 35°03'52"N 128°46'49"E  
 35°04'39"N 128°47'06"E  
 Green composite line joining  
 35°04'20"N 128°47'28"E  
 35°04'22"N 128°47'38"E  
 35°04'08"N 128°47'38"E  
 35°04'04"N 128°47'22"E  
 Radio reporting line and legend "MASAN VTS (CH 14)" between  
 34°58'27"N 128°45'22"E  
 34°53'44"N 128°45'07"E

Relocate Pilot station symbol "(No 9)" from  
 34°56'10"N 128°48'52"E to  
 34°56'11"N 128°50'12"E

Change Height of beacon to 30m  
 and add AIS [S17.1]  
 34°53'07"N 128°57'02"E

Add Green composite line (entry prohibited area limit) [N2.2] joining  
 35°04'20"N 128°47'28"E  
 35°04'14"N 128°47'35"E  
 35°04'09"N 128°47'34"E  
 35°04'04"N 128°47'22"E  
 Green composite line (entry prohibited area limit) [N2.2] joining  
 35°04'39"N 128°47'06"E  
 35°04'21"N 128°46'49"E  
 35°03'52"N 128°46'49"E  
 35°03'31"N 128°46'42"E  
 Buoy Y, spherical, Fl Y 5s [Q130.6]  
 35°01'21"N 128°57'22"E  
 Beacon BYB, double cone topmark bases together, Q(3) 10s 15m 8M [Q130.3]  
 34°58'48"N 128°59'50"E  
 Dashed line with legend "VTS" joining  
 34°58'06"N 128°44'12"E  
 34°58'27"N 128°45'23"E  
 34°55'00"N 128°50'00"E  
 34°45'00"N 128°50'00"E  
 34°47'12"N 128°44'24"E  
 AIS [S17.1] to light  
 34°58'46"N 128°59'22"E  
 AIS [S17.1] to light  
 34°55'59"N 128°58'26"E  
 Depth 23 meters Obstn [K41]  
 34°59'41"N 128°54'22"E  
 (35(631)13, 28(385)15, 25(402)16, 22(331)17 Busan; ROK CH 2112, 2131; ROK LL)

**806943** 1Ed. 12/11/10 LAST NM N33/17 N34/17  
 Substitute Depth 26 meters Wk [K26] for fish haven symbol  
 34°54'25"N 128°46'22"E  
 (ROK CH 2112)

**806943** 1Ed. 12/11/10 LAST NM N34/17 N41/17  
 Substitute Depth 4.4 meters for 5.7 meters  
 35°05'56"N 129°02'55"E  
 Depth 6 meters Obstn [K41] for depth 7.4 meters  
 35°04'50"N 129°02'14"E

Change Characteristic of buoy "No 9" to Iso G 4s  
 35°06'21"N 129°03'40"E  
 Characteristic of buoy "No 10" to Iso R 4s  
 35°06'30"N 129°03'48"E  
 (32(559)17 Busan; ROK CH 2206)

**806943** 1Ed. 12/11/10 LAST NM N41/17 N45/17  
 Change Buoy to superbuoy LANBY [Q26]  
 34°57'59"N 128°48'46"E  
 Height of beacon to 18m  
 34°58'39"N 128°45'01"E

Add Buoy "A" Y, pillar, "X" topmark, Fl(4) Y 8s [Q130.6]  
 35°04'11"N 128°45'03"E  
 Buoy "B" Y, pillar, "X" topmark, Fl(4) Y 8s [Q130.6]  
 35°04'15"N 128°44'23"E

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<b>806943</b>	(Continued)		45/17		
	Solid line (breakwater) [F4.1] between				
		35°05'17"N 128°43'24"E			
		35°05'18"N 128°43'42"E			
	Light Fl(2) G 6s 20m 8M	35°05'18"N 128°43'42"E			
	(13(205), 23(351), 34(586)17 Busan; ROK LL)				
<b>806943</b>	1Ed. 12/11/10 LAST NM N45/17		N46/17		
Substitute	Double solid line with land tint (bridge) [D22] and vertical clearance 36 meters for double dashed line and legend "Works in progress" between	35°01'03"N 128°43'14"E			
		35°01'03"N 128°44'07"E			
	Double solid line with land tint (bridge) [D22] and vertical clearance 52 meters for double dashed line and legend "Works in progress" between	35°00'58"N 128°44'46"E			
		35°00'50"N 128°45'55"E			
Change	Vertical clearance of overhead power cable to 33 meters	34°57'48"N 128°43'16"E			
	Beacon to YB, double cone topmark points downward, Q(6) + L Fl 15s 9M [Q130.3]	35°05'28"N 128°44'02"E			
	Legend "Works in progress Tunnel" to "Undersea Tunnel"	35°01'09"N 128°47'14"E			
Add	Buoy BYB, pillar, double cone topmark bases together, Q(3) 10s [Q130.3]	35°01'54"N 128°44'14"E			
	"Works in progress" area [F32] bound by shore and dashed line joining	35°03'41"N 128°45'41"E			
		35°03'41"N 128°45'10"E			
		35°04'20"N 128°45'10"E			
		35°04'39"N 128°45'22"E			
	and delete all hydrography within above area				
	Radio reporting line [M40.2] with legend "VTS" joining	35°05'42"N 128°43'12"E			
		35°05'06"N 128°43'24"E			
		35°04'02"N 128°45'10"E			
	Dashed line with legend "VTS" between	34°57'57"N 128°43'42"E			
		34°57'45"N 128°43'04"E			
	Double solid line with land tint (bridge) [D22] between	35°05'24"N 128°43'14"E			
		35°05'19"N 128°43'18"E			
	Depth 13.5 meters	35°03'34"N 128°45'09"E			
	Light Iso 4s 7m 7M	35°05'23"N 128°43'14"E			
	Light Iso 6s 38m 7M Racon (G)	35°01'03"N 128°43'46"E			
	(ROK CH 2112, 2154, 2228; ROK LL)				
<b>806943</b>	1Ed. 12/11/10 LAST NM N46/17		N48/17		
Delete	Buoy "No 1"	35°00'47"N 128°43'34"E			
	Buoy "No 2"	35°00'48"N 128°43'43"E			
	Buoy "No 7"	35°01'23"N 128°43'33"E			
	Buoy "No 8"	35°01'24"N 128°43'43"E			
	(ROK CH 2154)				
<b>806943</b>	1Ed. 12/11/10 LAST NM N48/17		N19/18		
Delete	Dashed line and legend "BUSAN VTS (CH 09)" between	34°59'31"N 129°04'52"E			
		34°58'48"N 128°59'31"E			
	Radio reporting line, radio reporting point symbol and legend "VTS Reporting Line" joining	34°51'33"N 129°04'52"E			
		34°50'31"N 129°02'30"E			
		34°51'29"N 129°02'09"E			
	(See N23/17-806943)				
Add	Radio reporting line [M40.2] with legend "Busan VTS" between	34°55'18"N 129°04'52"E			
		34°51'29"N 129°02'09"E			
	(36(618)17 Busan; ROK CH 2111)				
<b>★806946</b>	1Ed. 3/21/09 NEW CHART		N46/09		
	(NGA)				
<b>806946</b>	1Ed. 3/21/09 LAST NM N46/09		N53/11		
Change	Light to Fl R 4s 14m 5M Racon (Q)	36°19'12"N 126°28'23"E			
	(45(749)05 Inchon; UKHO LL)				
<b>806946</b>	1Ed. 3/21/09 LAST NM N53/11		N41/17		
Add	Depth 13.3 meters Fish haven [K46.2]	36°15'54"N 126°07'08"E			
	(ROK CH 3418)				
<b>806946</b>	1Ed. 3/21/09 LAST NM N41/17		N22/18		
Add	Buoy WBUW, pillar, Fl 6s	36°19'38"N 126°22'02"E			
	(45(696)10 Busan)				
<b>★806947</b>	1Ed. 1/5/13 NEW CHART		N25/13		
	(NGA)				
<b>806947</b>	1Ed. 1/5/13 LAST NM N25/13		N52/13		
Add	Buoy ODAS [Q58] spherical, Fl Y 3s	24°24'11"N 52°35'47"E			
	(38(113)13 Karachi)				
<b>806947</b>	1Ed. 1/5/13 LAST NM N52/13		N18/15		
Delete	Depth 9.8 meters, blue tint and enclosing contour (10-meter) centered	24°23'09"N 52°41'10"E			
	Depth 11.9 meters	24°22'58"N 52°41'05"E			
Add	Depth 6.2 meters, blue tint and enclosing depth contour (10-meter) centered	24°22'55"N 52°41'07"E			
	(13(1445)15 Taunton)				
<b>★806951</b>	1Ed. 12/3/16 NEW CHART		N20/17		
	(NGA)				
<b>806951</b>	1Ed. 12/3/16 LAST NM N20/17		N21/18		
Substitute	Superbuoy LANBY [Q26] RW, Iso W 4s Racon (X) AIS for buoy	34°15'12"N 126°48'30"E			
	(34(591)17 Busan; ROK LL)				
<b>806951</b>	1Ed. 12/3/16 LAST NM N21/18		N28/18		
Delete	Buoy	34°16'26"N 126°26'27"E			
Change	Height of light to 18m	34°19'11"N 126°46'21"E			
	(47(918)16 Busan; ROK LL)				
<b>★806952</b>	1Ed. 4/18/09 NEW CHART		N47/09		
	(NGA)				
<b>★806953</b>	1Ed. 2/5/11 NEW CHART		N26/11		
	(NGA)				
<b>★806958</b>	1Ed. 4/4/09 NEW CHART		N47/09		
	(NGA)				
<b>806958</b>	1Ed. 4/4/09 LAST NM N47/09		N29/13		
Delete	Buoy	36°43'08"N 129°29'16"E			
	(38(593)12 Inchon)				
<b>806958</b>	1Ed. 4/4/09 LAST NM N29/13		N30/18		
Change	Range of light to 19M	36°46'03"N 129°28'37"E			
	(ROK LL)				
<b>★806959</b>	1Ed. 4/10/10 NEW CHART		N31/10		
	(NGA)				
<b>806959</b>	1Ed. 4/10/10 LAST NM N31/10		N27/13		
Add	Buoy ODAS [Q58] Y, spherical	37°52'03"N 128°53'08"E			
	(52(862)12 Inchon)				
<b>806959</b>	1Ed. 4/10/10 LAST NM N27/13		N33/15		
Change	Light to Fl R 4s 18m 8M AIS	37°53'10"N 128°50'02"E			
	(35(652), 45(875)14, 26(355)15 Inchon)				
<b>806959</b>	1Ed. 4/10/10 LAST NM N33/15		N46/18		
Add	Radio reporting line [M40.2] with legend "Donghae VTS" joining	37°42'40"N 129°03'31"E			
		37°45'16"N 129°04'04"E			
		37°44'43"N 129°07'53"E			
	(38(751)18 Busan)				

★806964 1Ed. 6/3/17 NEW CHART N40/17  
(NGA)

★806964 1Ed. 6/3/17 LAST NM N40/17 N42/17  
Change Orientation of green open-outlined arrow to  
312° 34°35'55"N 126°16'08"E  
(NGA)

806964 1Ed. 6/3/17 LAST NM N42/17 N28/18  
Change Height of light to 18m 34°19'11"N 126°46'21"E  
(ROK LL)

806964 1Ed. 6/3/17 LAST NM N28/18 N34/18  
Add Beacon YB, double cone topmark points  
downward, Q(6) + L Fl 15s 10m 8M [Q130.3]  
34°23'42"N 126°44'41"E  
(48(942)16 Busan)

806964 1Ed. 6/3/17 LAST NM N34/18 N19/19  
Delete AIS from light 34°36'07"N 126°12'43"E  
AIS from light 34°37'21"N 126°13'17"E  
Depth 8.8 meters 34°37'39"N 126°13'02"E  
Add Depth 7.7 meters Fish haven [K46.2]  
34°37'40"N 126°13'03"E  
(25(410)16, 17(287)18 Busan)

★806967 1Ed. 1/2/10 NEW CHART N24/10  
(NGA)

806967 1Ed. 1/2/10 LAST NM N24/10 N33/11  
Delete Dashed line between 36°05'51"N 129°27'54"E  
36°05'31"N 129°28'18"E  
Change Visibility (range) of light to 15M 36°06'45"N 129°26'23"E  
Add Dashed line between 36°05'51"N 129°27'54"E  
36°05'21"N 129°27'51"E  
Buoy Y, pillar, "X" topmark, Fl(5) Y 20s  
[Q130.6] 36°09'47"N 129°25'05"E  
(21(264)11 Inchon; ROK CH 146)

806967 1Ed. 1/2/10 LAST NM N33/11 N41/11  
Add Light Fl R 4s 14m 5M 36°13'17"N 129°23'17"E  
(28(370)11 Inchon)

806967 1Ed. 1/2/10 LAST NM N41/11 N1/12  
Add Light Fl G 4s 14m 6M 36°14'36"N 129°23'00"E  
Light Fl G 5s 12m 6M 36°14'22"N 129°23'11"E  
(42(637)11 Inchon)

806967 1Ed. 1/2/10 LAST NM N1/12 N2/12  
Add Light Fl R 4s 19m 5M 36°10'25"N 129°23'48"E  
Light Fl R 5s 13m 5M 36°11'07"N 129°23'11"E  
(42(638)11 Inchon)

806967 1Ed. 1/2/10 LAST NM N2/12 N20/12  
Add Submarine cable (power) [L31.1] between 36°06'43"N 129°26'24"E  
36°06'53"N 129°26'37"E  
(13(180)12 Inchon)

806967 1Ed. 1/2/10 LAST NM N20/12 N33/13  
Add Fish haven area with blue tint [K46.1] bound by  
dotted line (limiting danger line) joining  
36°12'55"N 129°26'46"E  
36°12'55"N 129°26'52"E  
36°12'45"N 129°26'52"E  
36°12'45"N 129°26'46"E  
Solid line (breakwater) [F4.1] between  
36°05'54"N 129°27'51"E  
36°05'22"N 129°27'51"E  
(2(21), 30(171)13 Inchon)

806967 1Ed. 1/2/10 LAST NM N33/13 N34/13  
Add Fish haven symbol [K46.1] 36°12'30"N 129°23'41"E

Fish haven area with blue tint [K46.1] bound by  
existing fish haven and dotted line (limiting  
danger line) joining  
36°11'19"N 129°24'51"E  
36°11'24"N 129°24'51"E  
36°11'26"N 129°25'43"E  
36°11'11"N 129°25'44"E

Fish haven area with blue tint [K46.1] bound by  
existing fish haven and dotted line (limiting  
danger line) joining  
36°10'51"N 129°24'46"E  
36°10'49"N 129°24'46"E  
36°10'48"N 129°24'06"E  
36°11'04"N 129°24'05"E  
36°11'04"N 129°24'24"E

(10(45), 37(173)12 Inchon)

806967 1Ed. 1/2/10 LAST NM N34/13 N45/15  
Add Depth 16.1 meters Fish haven [K46.2]  
36°09'36"N 129°25'01"E  
(33(466)15 Inchon)

806967 1Ed. 1/2/10 LAST NM N45/15 N23/17  
Delete Anchor berths "M17", "M18", "M19" and  
associated swing circles in vicinity 36°06'42"N 129°28'37"E

Add Anchorage area "S5" [N12.3] bound by  
existing purple dashed line and purple dashed  
line joining  
36°05'53"N 129°28'36"E  
36°07'16"N 129°28'36"E  
36°07'16"N 129°29'45"E  
36°05'24"N 129°29'45"E  
36°05'24"N 129°28'54"E

AIS [S17.1] to light 36°07'05"N 129°26'23"E  
(ROK CH 1753)

806967 1Ed. 1/2/10 LAST NM N23/17 N25/17  
Delete Buoy 36°09'47"N 129°25'05"E

Add Radio reporting line, radio reporting point  
symbols with direction pointer (inbound)  
[M40.2] and legend "Pohang VTS Reporting  
Line (CH12)" joining  
36°07'16"N 129°25'00"E  
36°07'16"N 129°26'00"E  
36°19'11"N 129°26'00"E  
36°19'11"N 129°43'52"E  
36°04'55"N 129°43'52"E

Note: Area extends beyond chart border  
(21(308)14, 30(426)15 Inchon; ROK CH 1416, 1711)

806967 1Ed. 1/2/10 LAST NM N25/17 N31/17  
Add Light Fl(2) R 6s 31m 9M AIS 36°05'22"N 129°27'51"E  
(5(70)16 Busan; ROK LL)

806967 1Ed. 1/2/10 LAST NM N31/17 N32/17  
Delete Buoy "No A" 36°06'05"N 129°26'28"E  
Buoy "No B" 36°05'46"N 129°26'28"E  
Buoy "No C" 36°05'46"N 129°26'19"E  
Light 36°05'51"N 129°27'54"E

Change Visibility (range) of beacon to 13M  
36°05'29"N 129°33'28"E

Add Beacon BYB, double cone topmark bases  
together, Q(3) 10s 15m 8M [Q130.3]  
36°09'16"N 129°24'15"E

Land tint to area bound by shore, existing  
dashed line and dashed line joining  
36°05'44"N 129°25'44"E  
36°05'34"N 129°25'44"E  
36°05'34"N 129°26'11"E  
36°05'50"N 129°26'11"E  
36°05'50"N 129°26'23"E

Light Fl(3) Y 7s 7m 6M 36°05'34"N 129°26'11"E  
Light Fl(3) Y 7s 7m 6M 36°05'34"N 129°25'43"E

Solid line (breakwater) [F4.1] between  
36°05'29"N 129°27'14"E  
36°04'55"N 129°26'53"E

Light Fl(2) G 6s 31m 10M AIS 36°05'29"N 129°27'14"E  
(39(729)16, 18(269)17 Busan; ROK CH 1753)

<b>806967</b>	1Ed. 1/2/10	LAST NM N32/17	N37/17
Delete	Depth 64 meters	36°10'20"N 129°35'28"E	
Relocate	Light from 36°06'38"N 129°26'23"E to	36°06'43"N 129°26'28"E	
Change	Light to Fl R 4s 14m 7M	36°06'45"N 129°26'23"E	
Add	Solid line (breakwater) [F4.1] between	36°06'38"N 129°26'22"E 36°06'43"N 129°26'28"E	
	Depth 61 meters	36°10'27"N 129°35'19"E	
	Depth 57 meters	36°10'02"N 129°36'00"E	
	(ROK CH 1711, 1753)		
<b>806967</b>	1Ed. 1/2/10	LAST NM N37/17	N38/17
Relocate	Light from 36°10'51"N 129°23'31"E to	36°11'00"N 129°23'30"E	
Add	Light Fl R 5s 11m 8M	36°05'08"N 129°33'06"E	
	Solid line (pier) [F14] between	36°05'06"N 129°33'00"E 36°05'08"N 129°33'06"E	
	(25(400)16 Busan; ROK CH 1711, 1753)		
<b>806967</b>	1Ed. 1/2/10	LAST NM N38/17	N40/17
Change	Light to Fl G 4s 20m 8M AIS (See N23/17-806967)	36°07'05"N 129°26'23"E	
	(25(393)17 Busan)		
<b>806967</b>	1Ed. 1/2/10	LAST NM N40/17	N41/17
Delete	Depth 4.5 meters	36°13'53"N 129°22'59"E	
Add	Solid line (breakwater extension) [F4.1] between	36°13'55"N 129°23'00"E 36°13'52"N 129°23'00"E	
	Light Fl R 5s 14m 8M	36°13'52"N 129°23'00"E	
	(28(383)15 Busan; ROK CH 1711)		
<b>806967</b>	1Ed. 1/2/10	LAST NM N41/17	N42/17
Add	V-AIS, double ball topmark [S18.2]	36°05'46"N 129°31'10"E	
	(35(604)17 Busan)		
<b>★806969</b>	1Ed. 9/28/13	NEW CHART	N9/14
	(NGA)		
<b>★806973</b>	2Ed. 4/12/19	NEW EDITION	N30/19
	(NGA)		
<b>806973</b>	2Ed. 4/12/19	LAST NM N30/19	N33/19
Substitute	Solid line (detached breakwater) [F4.1] for dashed line between	37°07'01"N 126°40'24"E 37°06'57"N 126°40'25"E	
Change	Height of light to 16m	36°59'57"N 126°42'17"E	
	Height of light to 16m	36°59'35"N 126°43'05"E	
	Height of light to 12m	37°00'50"N 126°47'49"E	
	Height of light to 16m	36°59'14"N 126°45'00"E	
	Height of light to 16m	36°58'57"N 126°45'49"E	
	Height of light to 16m	37°00'06"N 126°41'44"E	
	Height of light to 11m	36°58'14"N 126°47'01"E	
	Height of light to 14m	37°06'17"N 126°32'34"E	
	Height of light to 13m	37°07'01"N 126°40'24"E	
	Height of light to 13m	37°06'57"N 126°40'25"E	
	Height of light (Fl G) to 17m	37°07'02"N 126°40'28"E	
	Light to Fl(2) G 6s 12m 9M Horn	36°59'32"N 126°47'54"E	
	Height of beacon to 12m	37°01'41"N 126°44'30"E	
	Height of beacon to 16m	37°07'32"N 126°36'30"E	
	(40(758)16, 38(747, 761), 49(1091)18 Busan; KOR LL)		
<b>★806978</b>	1Ed. 2/23/13	NEW CHART	N25/13
	(NGA)		
<b>806978</b>	1Ed. 2/23/13	LAST NM N25/13	N24/19
Delete	Racon from light	30°57'10"N 28°49'38"E	
	(35(4108)18 Taunton)		
<b>★806979</b>	1Ed. 10/27/12	NEW CHART	N13/13
	(NGA)		
<b>806979</b>	1Ed. 10/27/12	LAST NM N13/13	N23/13
Add	Dangerous wreck (Mast) [K25]	32°40'30"N 117°12'48"W (19/13 CG11)	
<b>806979</b>	1Ed. 10/27/12	LAST NM N23/13	N43/13
Add	Pilot station symbol [T1.1]	32°37'12.0"N 117°14'00.0"W (NOS)	
<b>806979</b>	1Ed. 10/27/12	LAST NM N43/13	N4/14
Relocate	Buoy "093" from	32°44'34.7"N 117°22'03.2"W to	
		32°44'42.0"N 117°22'11.4"W	
	and add legend "ODAS"		
	(48/13 CG11)		
<b>806979</b>	1Ed. 10/27/12	LAST NM N4/14	N13/14
Delete	Buoy "PLOO"	32°40'00"N 117°19'30"W	
Substitute	Depth 5.5 meters enclosed by dotted-line danger circle [K41] for 5.9 meters obstruction	32°40'02"N 117°19'33"W	
	Note: Legend "Subm buoys" remains		
	(40/12, 2/14 CG11)		
<b>806979</b>	1Ed. 10/27/12	LAST NM N13/14	N24/14
Add	AIS [S17.2] to buoy "SD"	32°37'20.0"N 117°14'45.3"W (14/14 CG11)	
<b>806979</b>	1Ed. 10/27/12	LAST NM N24/14	N30/14
Add	Dangerous wreck [K28]	32°40'35.9"N 117°12'17.3"W (21/14 CG11)	
<b>806979</b>	1Ed. 10/27/12	LAST NM N30/14	N35/14
Delete	Dangerous wreck	32°40'35.9"N 117°12'17.3"W (Supersedes N30/14-806979)	
Add	Dangerous wreck "Masts" [K25]	32°40'36.0"N 117°12'18.3"W (24/14 CG11)	
<b>806979</b>	1Ed. 10/27/12	LAST NM N35/14	N37/14
Delete	Dangerous wreck (Mast)	32°40'30.0"N 117°12'48.0"W	
Relocate	Buoy ODAS "093" from	32°44'42.0"N 117°22'11.4"W to	
		32°44'48.0"N 117°22'11.4"W	
	(See 4/14-806979)		
	(25, 31/14 CG11)		
<b>806979</b>	1Ed. 10/27/12	LAST NM N37/14	N5/15
Add	Dangerous wreck (Mast) [K25]	32°40'07.0"N 117°13'03.0"W (44/14 CG11)	
<b>806979</b>	1Ed. 10/27/12	LAST NM N5/15	N20/15
Relocate	Light "2" from 32°45'21.2"N 117°15'39.3"W to	32°45'21.5"N 117°15'32.3"W (9/15 CG11)	
<b>806979</b>	1Ed. 10/27/12	LAST NM N20/15	N27/16
Add	Buoy ODAS Y, spherical, Fl(5) Y 20s (Priv)	32°34'59.0"N 117°12'12.0"W	
	Legend "(MRASS)" to Light "B"	32°41'10.8"N 117°13'58.0"W	
	Note No. 11 to NOTES in right margin of chart "11. MRASS, Mariner Activated Sound Signal. Sound signals labeled with (MRASS) require user activation. See USCG Light List."		
	(40/15 CG11)		
<b>806979</b>	1Ed. 10/27/12	LAST NM N27/16	N30/16
Delete	Buoy ODAS "093"	32°44'48.0"N 117°22'11.4"W (7/16 CG11)	
<b>806979</b>	1Ed. 10/27/12	LAST NM N30/16	N12/17
Delete	Buoy ODAS (See N27/16-806979)	32°34'59.0"N 117°12'12.0"W (3/17 CG11)	

<b>806979</b>	1Ed. 10/27/12	LAST NM N12/17	N17/17		
	Add	Dangerous wreck [K28]	32°39'37.0"N 117°13'39.0"W		
		(5/17 CG11)			
<b>806979</b>	1Ed. 10/27/12	LAST NM N17/17	N32/17		
	Delete	Dangerous wreck	32°39'37.0"N 117°13'39.0"W		
		(Supersedes N17/17-806979)			
	Add	Depth 16.1 meters Wk [K26] (PA)	32°39'36.6"N 117°13'39.7"W		
		(NOS)			
<b>★806979</b>	1Ed. 10/27/12	LAST NM N32/17	N52/17		
	Add	Buoy Y, Fl Y 4s (Priv)	32°40'10.5"N 117°19'22.7"W		
		(40/17 CG11)			
<b>★806979</b>	1Ed. 10/27/12	LAST NM N52/17	N14/18		
	Change	Light to Fl 15s 27m 14M Horn (MRASS)	32°39'54.2"N 117°14'33.6"W		
		(3/18 CG11)			
<b>★806984</b>	1Ed. 2/11/17	NEW CHART	N26/17		
		(NGA)			
<b>806984</b>	1Ed. 2/11/17	LAST NM N26/17	N30/18		
	Change	Height of light to 14m	34°50'47"N 127°46'54"E		
		Height of light to 15m	34°25'38"N 127°47'26"E		
		Height of light to 15m	34°25'45"N 127°47'25"E		
		(ROK LL)			
<b>806984</b>	1Ed. 2/11/17	LAST NM N30/18	N33/18		
	Add	Depth 26 meters Wk [K26]	34°36'10"N 128°01'00"E		
		(11(1331)16 Taunton)			
<b>★806986</b>	1Ed. 6/24/17	NEW CHART	N1/18		
		(NGA)			
<b>806986</b>	1Ed. 6/24/17	LAST NM N1/18	N15/18		
	Add	Buoy Y, spar, "X" topmark, Fl Y 4s [Q130.6]	34°13'39"N 126°51'11"E		
		with legend "(4 buoys)"			
		(8(155)18 Busan)			
<b>806986</b>	1Ed. 6/24/17	LAST NM N15/18	N21/18		
	Substitute	Superbuoy LANBY [Q26] RW, Iso W 4s	34°15'12"N 126°48'30"E		
		Racon (X) AIS for buoy			
		(34(591)17 Busan; ROK LL)			
<b>806986</b>	1Ed. 6/24/17	LAST NM N21/18	N26/18		
	Delete	Buoy "No 2"	34°18'56"N 126°56'46"E		
		Buoy "No 4"	34°20'09"N 126°57'13"E		
		Buoy "No 5"	34°22'09"N 126°58'12"E		
		Buoy "No 6"	34°22'10"N 126°58'19"E		
		Buoy "No 7"	34°24'12"N 126°58'21"E		
		Buoy "No 8"	34°24'12"N 126°58'28"E		
		Buoy "No 9"	34°25'32"N 126°58'18"E		
		Buoy "No 10"	34°25'32"N 126°58'28"E		
		(38(679), 42(742)17 Busan)			
<b>806986</b>	1Ed. 6/24/17	LAST NM N26/18	N27/18		
	Add	Depth 16.8 meters Fish haven [K46.2]	34°17'37"N 126°52'14"E		
		(11(189)18 Busan)			
<b>806986</b>	1Ed. 6/24/17	LAST NM N27/18	N28/18		
	Change	Light to FW 20m 8M	34°27'59"N 126°57'47"E		
		Height of light to 27m	34°26'42"N 126°49'48"E		
		Height of light to 13m	34°28'43"N 126°56'43"E		
		Height of light to 13m	34°28'34"N 126°56'32"E		
		Height of light to 26m	34°29'40"N 127°07'38"E		
		Height of light to 39m	34°30'07"N 127°07'43"E		
		Height of light to 18m	34°19'11"N 126°46'21"E		
		Height of light to 11m	34°19'50"N 127°04'35"E		
	Add	Buoy WbuW, pillar, Fl 6s	34°13'00"N 126°51'03"E		
		(47(918)16 Busan; ROK LL)			
<b>★807228</b>	1Ed. 8/31/13	NEW CHART	N3/14		
		(NGA)			
<b>★807370</b>	5Ed. 7/18/98	CHART CANCELED	N17/18		
		(NTM0003/2018)			
<b>★807861</b>	2Ed. 4/17/76	CHART CANCELED	N17/18		
		(NTM0003/2018)			
<b>★808365</b>	2Ed. 11/18/75	CHART CANCELED	N17/18		
		(NTM0003/2018)			
<b>★808909</b>	1Ed. 2/28/15	NEW CHART	N26/15		
		(NGA)			
<b>★808913</b>	1Ed. 8/12/17	NEW CHART	N44/17		
		(NGA)			
<b>★808916</b>	4Ed. 10/25/08	NEW EDITION	N6/09		
		(NGA)			
<b>★808919</b>	1Ed. 2/17/17	NEW CHART	N20/17		
		(NGA)			
<b>★808919</b>	1Ed. 2/17/17	LAST NM N20/17	N36/17		
	Delete	Buoy "WR4A"	34°38'07"N 76°32'51"W		
		Note: Obstrn remains			
		(17/17 CG5)			
<b>★808919</b>	1Ed. 2/17/17	LAST NM N36/17	N38/17		
	Relocate	Buoy "16" from 34°41'15"N 76°40'00"W to	34°41'05"N 76°40'00"W		
		(17/17 CG5)			
<b>★808919</b>	1Ed. 2/17/17	LAST NM N38/17	N42/17		
	Add	Buoy "16A" R, pillar, Fl R 4s	34°41'30"N 76°40'06"W		
		(28/17 CG5)			
<b>★808919</b>	1Ed. 2/17/17	LAST NM N42/17	N50/17		
	Change	Visibility (range) of light to 14M	34°37'22"N 76°31'28"W		
		(40/17 CG5)			
<b>★808919</b>	1Ed. 2/17/17	LAST NM N50/17	N1/18		
	Relocate	Buoy "17" from 34°41'06"N 76°40'07"W to	34°41'09"N 76°40'05"W		
		(44/17 CG5)			
<b>★808919</b>	1Ed. 2/17/17	LAST NM N1/18	N2/18		
	Relocate	Buoy "15" from 34°40'50"N 76°40'12"W to	34°40'55"N 76°40'06"W		
		(45/17 CG5)			
<b>★808919</b>	1Ed. 2/17/17	LAST NM N2/18	N11/18		
	Relocate	Buoy "16A" from 34°41'30"N 76°40'06"W to	34°41'29"N 76°40'08"W		
		(See N42/17-808919)			
		(5/18 CG5)			
<b>★808919</b>	1Ed. 2/17/17	LAST NM N11/18	N38/18		
	Add	Stranded wreck [K24]	34°43'27"N 76°39'52"W		
		(NOS)			
<b>★808921</b>	1Ed. 5/18/13	NEW CHART	N39/13		
		(NGA)			

<b>P 808921</b>	1Ed. 5/18/13	LAST NM N39/13	N44/15		Purple composite line (anchoring prohibited area limit) [N20] joining	6°23'53"N 3°22'01"E 6°20'35"N 3°20'51"E 6°15'00"N 3°23'18"E			
Add	Note in center right margin of chart "AREA TO BE AVOIDED" The entire area of this chart is to be avoided by all ships (solely in transit) of 400 gross tons or more to reduce the risk of a marine casualty, resulting pollution and damage to the environment."  Note: The above Area to be Avoided has been adopted by IMO and will become effective at 0001 GMT on 01 January 2016 (NTM0027/2015)				Purple composite line (anchoring prohibited area limit) [N20] between	6°15'00"N 3°37'00"E 6°25'29"N 3°37'00"E			
					Dangerous wreck (Masts) [K25] (30(3130)14 Taunton)	6°22'01"N 3°18'41"E			
<b>808921</b>	1Ed. 5/18/13	LAST NM N44/15	N52/15		<b>809111</b> 1Ed. 11/30/13	LAST NM N51/15	N24/17		
Add	Note in center right margin of chart "AREA TO BE AVOIDED" The entire area of this chart is to be avoided by all ships (solely in transit) of 400 gross tons or more to reduce the risk of a marine casualty, resulting pollution and damage to the environment."  Note: The above Area to be Avoided has been adopted by IMO (Supersedes N44/15P-808921) (NTM0027/2015)				Delete	Green composite line (submarine cable area limit) between	6°23'46"N 3°24'12"E 6°15'00"N 3°23'12"E		
					Change	Legend to "SUBMARINE CABLE AREA CAUTION NO 7" Legend to "SUBMARINE CABLE AREA CAUTION NO 7"	6°16'50"N 3°28'30"E 6°22'40"N 3°42'20"E		
					Add	Green composite line (submarine cable area limit) [L30.2] between	6°23'48"N 3°22'59"E 6°15'00"N 3°22'24"E		
						Entry prohibited area [N2.2] bound by green composite line joining	6°22'11"N 3°26'13"E 6°20'57"N 3°26'28"E 6°20'41"N 3°25'31"E 6°21'56"N 3°25'14"E		
<b>★808953</b>	1Ed. 1/12/18	NEW CHART	N9/18			Caution No. 7 from Subsection I-2 to CAUTIONS note in left upper margin of chart (18(1919)17 Taunton; UKHO ARCS 1381-0, 2812-0)			
(NGA)									
<b>★808955</b>	1Ed. 5/17/14	NEW CHART	N49/14		<b>809111</b> 1Ed. 11/30/13	LAST NM N24/17	N28/17		
(NGA)					Substitute	Depth 13.5 meters for 14.8 meters	6°24'07"N 3°23'54"E		
					Add	Dangerous wreck [K28] (PA) (46(5835), 52(6638)16 Taunton)	6°21'40"N 3°23'09"E		
<b>808955</b>	1Ed. 5/17/14	LAST NM N49/14	N24/19						
Add	Buoy RW, spar, ball topmark [Q130.5] 41°22'36"N 19°23'18"E (42(5208)16 Taunton)				<b>★809117</b>	1Ed. 9/28/13	NEW CHART	N5/14	
					(NGA)				
<b>★808972</b>	1Ed. 12/24/16	NEW CHART	N19/17		<b>★809118</b>	1Ed. 6/8/13	NEW CHART	N40/13	
(NGA)					(NGA)				
<b>★809101</b>	1Ed. 5/28/16	NEW CHART	N42/16		<b>809118</b>	1Ed. 6/8/13	LAST NM N40/13	N48/13	
(NGA)					Add	Foul ground symbol [K31.1] (10(13)13 Muscat)	26°22'55"N 56°17'27"E		
<b>★809102</b>	1Ed. 3/26/16	NEW CHART	N32/16		<b>809118</b>	1Ed. 6/8/13	LAST NM N48/13	N16/17	
(NGA)					Add	Submarine cable [L30.1] joining	26°12'41"N 56°14'28"E 26°13'00"N 56°14'24"E 26°14'39"N 56°14'55"E 26°16'11"N 56°17'13"E 26°17'09"N 56°17'42"E 26°17'59"N 56°17'42"E 26°20'36"N 56°16'26"E 26°24'05"N 56°16'01"E 26°24'51"N 56°16'16"E 26°26'35"N 56°18'23"E 26°28'31"N 56°23'02"E 26°29'04"N 56°23'57"E 26°31'09"N 56°29'07"E 26°31'18"N 56°30'16"E 26°30'15"N 56°32'29"E 26°27'56"N 56°34'20"E 26°24'49"N 56°35'20"E 26°21'29"N 56°36'03"E 26°19'49"N 56°36'04"E 26°16'48"N 56°36'18"E 26°15'24"N 56°36'45"E 26°14'49"N 56°36'41"E 26°12'14"N 56°37'05"E 26°09'12"N 56°36'50"E 26°06'48"N 56°36'04"E 26°04'48"N 56°36'07"E 26°02'57"N 56°35'22"E 26°00'28"N 56°35'15"E 26°00'00"N 56°35'04"E		
<b>809102</b>	1Ed. 3/26/16	LAST NM N32/16	N25/19						
Add	Depth 0.8 meter enclosed by depth contour (2-meter) centered 20°24'52"N 58°40'40"E (Oman CH 1208)								
<b>★809103</b>	1Ed. 5/3/14	NEW CHART	N30/14						
(NGA)									
<b>★809106</b>	1Ed. 4/5/14	NEW CHART	N41/14						
(NGA)									
<b>★809107</b>	1Ed. 4/2/16	NEW CHART	N32/16						
(NGA)									
<b>★809111</b>	1Ed. 11/30/13	NEW CHART	N8/14						
(NGA)									
<b>809111</b>	1Ed. 11/30/13	LAST NM N8/14	N49/15						
Substitute	Stranded wreck [K24] (PA) for dangerous wreck (PA) 6°21'36"N 3°23'42"E (30(3707)10 Taunton)								
<b>809111</b>	1Ed. 11/30/13	LAST NM N49/15	N51/15						
Delete	Dangerous wreck (Masts) 6°21'32"N 3°18'36"E								
Add	"NPA Designated Anchorage Area" [N12.3] bound by purple dashed line joining 6°20'35"N 3°15'58"E 6°23'39"N 3°15'58"E 6°23'40"N 3°21'47"E 6°20'35"N 3°20'38"E								

**809118** 1Ed. 6/8/13 LAST NM N16/17 N41/17  
 Add Submarine cable [L30.1] joining 26°26'55"N 56°38'00"E  
 26°27'15"N 56°37'39"E  
 26°30'53"N 56°33'53"E  
 26°32'19"N 56°31'38"E  
 26°32'33"N 56°30'31"E  
 26°32'33"N 56°29'41"E  
 26°31'06"N 56°25'24"E  
 26°30'25"N 56°25'10"E  
 26°26'37"N 56°14'00"E  
 (9(1P)15 Muscat; UKHO ARCS 3172-0)

**809118** 1Ed. 6/8/13 LAST NM N41/17 N15/18  
 Substitute Depth 1.6 meters for 2.1 meters 26°24'10"N 56°28'39"E  
 Add Position circle with AIS [S17.1] 26°22'20"N 56°21'16"E  
 (29(3108)11, 23(2530)13 Taunton)

**★809121** 1Ed. 2/5/11 NEW CHART N26/11  
 (NGA)

**809121** 1Ed. 2/5/11 LAST NM N26/11 N42/11  
 Add Light Fl(2) G 6s 11m 8M 35°35'50"N 129°27'49"E  
 Light Fl R 5s 11m 5M 35°35'37"N 129°27'49"E  
 (32(472)11 Inchon)

**809121** 1Ed. 2/5/11 LAST NM N42/11 N48/11  
 Substitute Double solid line with land tint (detached  
 breakwater) [F4.1] for double dashed line  
 between 35°27'20"N 129°22'50"E  
 35°27'02"N 129°22'45"E  
 Add Light Fl R 4s 31m 8M 35°27'03"N 129°22'45"E  
 Light Fl(2) Y 6s 11m 7M 35°27'20"N 129°22'50"E  
 (39(583)11 Inchon)

**809121** 1Ed. 2/5/11 LAST NM N48/11 N20/12  
 Delete Buoy "No A" 35°19'34"N 129°18'28"E  
 (11(146)12 Inchon)

**809121** 1Ed. 2/5/11 LAST NM N20/12 N22/12  
 Change Light to Fl R 5s 13m 5M, Fl G 5s 13m 6M  
 35°33'41"N 129°27'30"E  
 (17(232)12 Inchon)

**809121** 1Ed. 2/5/11 LAST NM N22/12 N23/13  
 Add AIS [S17.1] to light 35°30'16"N 129°23'22"E  
 (8(122)13 Inchon)

**809121** 1Ed. 2/5/11 LAST NM N23/13 N25/13  
 Substitute Depth 14.3 meters R for 9.4 meters  
 35°26'46"N 129°22'24"E  
 Add Horn and AIS [S17.1] to light 35°29'34"N 129°26'35"E  
 AIS [S17.1] to light 35°28'22"N 129°24'26"E  
 AIS [S17.1] to light 35°25'37"N 129°22'38"E  
 AIS [S17.1] to light 35°26'42"N 129°22'51"E  
 AIS [S17.1] to light 35°27'59"N 129°24'00"E  
 AIS [S17.1] to beacon 35°34'01"N 129°28'25"E  
 AIS [S17.2] to buoy "No 1" 35°24'11"N 129°22'34"E  
 AIS [S17.2] to buoy "No 5" 35°24'42"N 129°22'20"E  
 AIS [S17.2] to buoy "No 6" 35°24'42"N 129°22'35"E  
 AIS [S17.2] to buoy "No 9" 35°25'29"N 129°22'20"E  
 (47(766)12, 7(107), 22(399)13 Inchon)

**809121** 1Ed. 2/5/11 LAST NM N25/13 N27/13  
 Change Light to Fl Y 4s 8M 35°29'55"N 129°22'09"E  
 Add Light Fl(4) Y 8s 7M 35°27'32"N 129°21'02"E  
 (14(242), 17(290)13 Inchon)

**809121** 1Ed. 2/5/11 LAST NM N27/13 N28/13  
 Add AIS [S17.2] to buoy 35°21'48"N 129°26'12"E  
 AIS [S17.1] to light 35°21'33"N 129°21'39"E  
 (7(108)13 Inchon)

**809121** 1Ed. 2/5/11 LAST NM N28/13 N31/13  
 Add Racon (X) [S3.6] to buoy "No 1" 35°24'11"N 129°22'34"E  
 (See N25/13-809121)  
 (42(668)12 Inchon)

**809121** 1Ed. 2/5/11 LAST NM N31/13 N32/13  
 Add Anchor berth "T-1" [N11.1] 35°30'37"N 129°27'18"E  
 Anchor berth "T-2" [N11.1] 35°30'57"N 129°27'18"E  
 Anchor berth "T-3" [N11.1] 35°31'40"N 129°27'34"E  
 Anchor berth "W-1" [N11.1] 35°27'17"N 129°23'23"E  
 Land tint to area bound by shore and solid line  
 [F13] joining 35°27'33"N 129°21'16"E  
 35°27'33"N 129°21'15"E  
 35°27'38"N 129°21'15"E  
 35°27'38"N 129°21'16"E  
 (52(888)11, 2(34), 9(124)12 Inchon)

**809121** 1Ed. 2/5/11 LAST NM N32/13 N34/13  
 Delete Legend "Works in progress" 35°26'34"N 129°22'04"E  
 Substitute Solid line for dashed line joining 35°25'52"N 129°22'17"E  
 35°26'12"N 129°22'00"E  
 35°26'50"N 129°22'24"E  
 and add land tint to area bound by shore and  
 above solid line  
 Solid line for dashed line between 35°30'43"N 129°23'49"E  
 35°31'08"N 129°23'36"E  
 and add land tint to area bound by shore and  
 above solid line  
 Change Characteristic of buoy "E" to Q(4) 6s 35°24'48"N 129°22'56"E  
 Characteristic of light to Fl R 6s 35°27'20"N 129°22'50"E  
 Characteristic of light to Fl(2) Y 4s 35°27'03"N 129°22'45"E  
 Add Land tint to area (wharf) [F13] bound by shore  
 and solid line joining 35°27'34"N 129°21'52"E  
 35°27'40"N 129°21'56"E  
 35°27'41"N 129°21'51"E  
 and delete all hydrography within above area  
 Land tint to area (wharf) [F13] bound by shore  
 and solid line joining 35°27'52"N 129°22'05"E  
 35°27'43"N 129°22'28"E  
 35°27'57"N 129°22'39"E  
 35°28'01"N 129°22'33"E  
 35°28'07"N 129°22'27"E  
 and delete all hydrography within above area  
 (NGA; 34(504)12 Inchon; ROK CH 119)

**809121** 1Ed. 2/5/11 LAST NM N34/13 N37/13  
 Add Land tint to area bound by shore and solid line  
 [F13] joining 35°24'07"N 129°21'09"E  
 35°24'11"N 129°21'21"E  
 35°24'11"N 129°21'46"E  
 35°24'34"N 129°21'46"E  
 and delete all hydrography and topography  
 within above area  
 Land tint to area bound by shore and solid line  
 [F13] joining 35°24'48"N 129°21'23"E  
 35°24'38"N 129°21'23"E  
 35°24'38"N 129°21'28"E  
 and delete all hydrography within above area  
 (NTM0015/2013)

**809121** 1Ed. 2/5/11 LAST NM N37/13 N38/15  
 Delete Submarine cable in vicinity 35°28'00"N 129°36'00"E  
 (47(781)11 Inchon)

**809121** 1Ed. 2/5/11 LAST NM N38/15 N21/17  
 Delete Depth 24 meters 35°20'43"N 129°21'29"E  
 Substitute Depth 3.1 meters enclosed by depth contour  
 (5-meter) for 7.3 meters 35°21'01"N 129°20'24"E  
 Depth 6.2 meters for 9.3 meters 35°20'52"N 129°21'11"E  
 Depth 3.3 meters for 4.9 meters 35°21'06"N 129°21'43"E  
 Note: Bottom characteristic "R" remains  
 Depth 34 meters for 36 meters 35°20'22"N 129°21'38"E  
 Note: Bottom characteristic "R" remains  
 Add Depth 15.1 meters enclosed by depth contour  
 (20-meter) centered 35°20'41"N 129°21'28"E  
 Depth 29 meters Wk [K26] 35°20'27"N 129°21'39"E  
 Depth 3.6 meters 35°21'01"N 129°21'42"E  
 and extend depth contour (5-meter) S to  
 enclose  
 (ROK CH 142)

<b>809121</b>	1Ed. 2/5/11	LAST NM N21/17	N32/17	Add	Land tint to area bound by shore and solid line [F13] joining	35°24'11"N 129°21'45"E 35°24'07"N 129°21'45"E 35°23'56"N 129°21'31"E 35°23'55"N 129°21'17"E	
	Delete	Green composite line (prohibited area limit) with legend "Traffic Prohibited Area for Tankers CAUTION NO 1" joining	35°28'11"N 129°29'52"E 35°20'11"N 129°24'52"E 35°17'22"N 129°22'27"E		and delete all hydrography within above area		
	Add	Green composite line (prohibited area limit) [N2.1] with legend "Traffic Prohibited Area for Tankers CAUTION NO 1" joining	35°28'11"N 129°29'52"E 35°23'23"N 129°28'32"E 35°17'11"N 129°23'00"E		Double dashed line with land tint (breakwater) [F4.1] and legend "Works in Progress" between	35°23'56"N 129°21'30"E 35°23'49"N 129°21'30"E	
		(ROK CH 2111)			(3(59), 9(148)17 Busan)		
<b>809121</b>	1Ed. 2/5/11	LAST NM N32/17	N34/17	<b>809121</b>	1Ed. 2/5/11	LAST NM N6/18	N12/18
	Delete	"Works in progress" area in vicinity	35°27'28"N 129°22'56"E	Delete	Submarine pipeline and legend "Oil" between	35°24'40"N 129°21'50"E 35°24'49"N 129°22'52"E	
	Add	"Works in progress" area [F32] bound by shore and dashed line joining	35°27'43"N 129°22'28"E 35°27'39"N 129°22'39"E 35°28'06"N 129°23'00"E 35°28'17"N 129°22'41"E 35°28'07"N 129°22'27"E		Green composite-line circle centered	35°24'48"N 129°22'56"E	
		and delete all hydrography within above area			Green composite-line circle and buoy "No D" centered	35°25'20"N 129°23'06"E	
		"Works in progress" area [F32] bound by breakwater and dashed line joining	35°27'37"N 129°23'03"E 35°27'38"N 129°23'01"E 35°28'07"N 129°23'26"E 35°28'03"N 129°23'32"E 35°27'36"N 129°23'07"E 35°27'37"N 129°23'04"E	Change	Light to Fl 12s 26m 23M Horn AIS	35°25'37"N 129°21'11"E 35°25'21"N 129°23'01"E	
		Double solid line with land tint (detached breakwater) [F4.1] joining	35°27'20"N 129°22'50"E 35°27'38"N 129°23'04"E 35°28'03"N 129°23'28"E	Add	Double solid line with land tint (detached breakwater) [F4.1] joining	35°25'40"N 129°22'46"E 35°25'11"N 129°22'55"E 35°24'56"N 129°22'55"E	
		"Works in progress" area [F32] bound by shore and dashed line between	35°27'44"N 129°22'25"E 35°27'27"N 129°22'14"E		Light Fl(4) Y 8s 20m 8M Light Fl(4) Y 8s 17m 8M Depth 27.5 meters Obstn [K41] Depth 27.5 meters Obstn [K41] Depth 24.8 meters Wk [K26]	35°25'39"N 129°22'47"E 35°25'11"N 129°22'55"E 35°24'47"N 129°22'51"E 35°25'20"N 129°23'05"E 35°25'20"N 129°22'35"E	
		and delete all hydrography within above area			(6(111)18 Busan; ROK CH 1712; ROK LL)		
		Buoy BYB, pillar, double cone topmark bases together, Q(3) 10s [Q130.3] Light Fl G 4s 29m 9M	35°28'22"N 129°23'14"E 35°28'03"N 129°23'28"E	<b>809121</b>	1Ed. 2/5/11	LAST NM N12/18	N13/18
		(17(258)17 Busan; ROK CH 1756; ROK LL)		Delete	AIS from buoy "No 9"	35°25'29"N 129°22'20"E	
<b>809121</b>	1Ed. 2/5/11	LAST NM N34/17	N49/17	Substitute	Superbuoy LANBY [Q26] RW, ball topmark, Mo(A) 8s RACON (C) AIS for buoy	35°21'48"N 129°26'12"E	
	Delete	Pilot station symbol and legend "No 1"	35°24'16"N 129°25'15"E		(34(583)17, 5(98)18 Busan)		
		Pilot station symbol and legend "VLCC"	35°22'22"N 129°27'12"E	<b>*809122</b>	1Ed. 12/1/12	NEW CHART	N17/13
	Change	Light to Fl(2) Y 6s 11m 7M	35°28'37"N 129°23'27"E	(NGA)			
	Add	Legend "ODAS" to buoy and delete designation "No C"	35°23'05"N 129°22'05"E	<b>809122</b>	1Ed. 12/1/12	LAST NM N17/13	N16/17
		Pilot station symbol "No 1" [T1.2]	35°22'36"N 129°26'00"E	Add	Submarine cable [L30.1] joining	25°37'44"N 56°16'11"E 25°38'18"N 56°17'00"E 25°38'53"N 56°18'23"E 25°41'17"N 56°23'22"E 25°41'32"N 56°23'39"E 25°42'16"N 56°25'25"E 25°42'30"N 56°25'44"E 25°43'10"N 56°27'22"E 25°43'57"N 56°33'40"E 25°43'55"N 56°35'00"E	
		Pilot station symbol "No 2" [T1.2]	35°22'00"N 129°27'30"E		Submarine cable [L30.1] joining	25°37'45"N 56°16'11"E 25°38'28"N 56°16'56"E 25°40'07"N 56°19'51"E 25°40'16"N 56°20'22"E 25°42'27"N 56°24'31"E 25°43'17"N 56°25'38"E 25°44'22"N 56°26'22"E 25°47'13"N 56°29'18"E 25°51'11"N 56°31'26"E 25°52'54"N 56°32'55"E 25°58'12"N 56°34'30"E 25°59'37"N 56°34'50"E 25°59'56"N 56°35'00"E	
		Pilot station symbol "No 3" [T1.2]	35°20'55"N 129°28'50"E		(9(1P)15 Muscat; UKHO ARCS 3171-0)		
		(ROK CH 1756, 2111)					
<b>809121</b>	1Ed. 2/5/11	LAST NM N49/17	N1/18	<b>809122</b>	1Ed. 12/1/12	LAST NM N16/17	N30/19
	Delete	Light	35°27'05"N 129°22'22"E	Change	Legend to "Works in progress (2012)"	25°27'28"N 56°22'33"E	
		Green dashed line and legend "Harbor limit" joining	35°27'59"N 129°25'35"E 35°25'44"N 129°27'52"E 35°24'11"N 129°27'52"E 35°24'11"N 129°22'06"E		(UKHO ARCS 3520-0)		
	Add	Green dashed line (harbor limit) [N49] between	35°24'11"N 129°22'06"E 35°22'42"N 129°22'48"E				
		thence along greater arc of a circle, radius 5450 meters, centered	35°25'06"N 129°24'52"E				
		arc between	35°22'42"N 129°22'48"E 35°27'59"N 129°25'35"E				
		(50(872)13, 28(468)16 Busan)					
<b>809121</b>	1Ed. 2/5/11	LAST NM N1/18	N6/18				
	Change	Light to Fl R 4s 31m 10M	35°27'03"N 129°22'45"E				

★809123 1Ed. 2/3/17 NEW CHART N20/17  
(NGA)

809123 1Ed. 2/3/17 LAST NM N20/17 N32/17  
Delete Buoy "AR370" 34°10'31"N 77°44'29"W  
(14/17 CG5)

★809123 1Ed. 2/3/17 LAST NM N32/17 N9/18  
Relocate Buoy "A" from 34°08'30"N 77°43'07"W to  
34°08'36"N 77°42'59"W  
(2/18 CG5)

★809125 1Ed. 2/15/14 NEW CHART N22/14  
(NGA)

809125 1Ed. 2/15/14 LAST NM N22/14 N46/14  
Add Buoy Y, conical, "X" topmark, Fl [Q130.6]  
26°04'57"N 56°05'16"E  
(1(1)14 Muscat)

809125 1Ed. 2/15/14 LAST NM N46/14 N24/16  
Change Beacon to G, cone topmark, Fl G 4s 5M [Q82]  
26°03'28"N 56°05'05"E  
(10(1206)15 Taunton)

809125 1Ed. 2/15/14 LAST NM N24/16 N26/16  
Delete "Anchorage Area" in vicinity 26°17'40"N 56°14'09"E  
Add "Anchorage Area" [N12.1] bound by purple  
dashed-line greater arc of a circle,  
radius 1 mile, centered 26°17'30"N 56°15'00"E  
arc between 26°18'30"N 56°15'00"E  
26°16'30"N 56°15'00"E  
(4(11)16 Muscat)

809125 1Ed. 2/15/14 LAST NM N26/16 N28/16  
Add Foul ground symbol [K31.1] 26°13'56"N 56°13'48"E  
(43(5283)15 Taunton)

809125 1Ed. 2/15/14 LAST NM N28/16 N16/17  
Add Submarine cable [L30.1] joining 26°12'40"N 56°14'28"E  
26°13'03"N 56°14'25"E  
26°14'35"N 56°14'53"E  
26°14'44"N 56°15'00"E  
(9(1P)15 Muscat; UKHO ARCS 3172-0)

809125 1Ed. 2/15/14 LAST NM N16/17 N41/17  
Add Submarine cable [L30.1] joining 26°23'00"N 56°05'35"E  
26°19'49"N 55°59'29"E  
26°17'42"N 55°55'30"E  
26°14'51"N 55°52'00"E  
(9(1P)15 Muscat; UKHO ARCS 2888-0)

809125 1Ed. 2/15/14 LAST NM N41/17 N35/18  
Delete Green dashed-line arc of a circle and legend  
"Port Limit of Mina'Saqr" between 26°03'55"N 56°05'23"E  
25°53'34"N 56°01'13"E  
Add Green dashed-line (harbor limit) [N49] lesser  
arc of a circle, radius 10 miles, with legend  
"SAQR PORT LIMIT" centered 25°58'45"N 56°03'00"E  
arc between 26°06'58"N 55°56'15"E  
26°01'10"N 55°52'00"E  
Green dashed line (harbor limit) [N49] between  
26°06'58"N 55°56'15"E  
26°03'03"N 56°05'10"E  
Green dashed line (harbor limit) [N49] joining  
25°56'17"N 55°52'00"E  
25°54'57"N 55°52'35"E  
25°53'36"N 56°01'09"E  
Anchorage area "ZONE 2" [N12.3] bound by  
dashed line joining 25°59'32"N 55°52'00"E  
25°59'34"N 55°53'27"E  
25°58'22"N 55°53'28"E  
25°57'47"N 55°52'00"E  
Note: Area extends beyond chart border  
Anchor berth "SP-01" [N11.2], radius 500  
meters, centered 26°01'06"N 55°59'31"E  
Anchor berth "SP-02" [N11.2], radius 500  
meters, centered 26°00'05"N 55°58'52"E

Anchor berth "S-01" [N11.2], radius 300  
meters, centered 26°01'02"N 55°56'14"E  
Anchor berth "S-02" [N11.2], radius 300  
meters, centered 26°01'37"N 55°56'32"E  
Anchor berth "S-03" [N11.2], radius 300  
meters, centered 26°02'13"N 55°56'51"E  
Anchor berth "S-04" [N11.2], radius 300  
meters, centered 26°01'17"N 55°55'34"E  
Anchor berth "S-05" [N11.2], radius 300  
meters, centered 26°01'52"N 55°55'52"E  
Anchor berth "S-06" [N11.2], radius 300  
meters, centered 26°02'27"N 55°56'10"E  
Anchor berth "S-07" [N11.2], radius 400  
meters, centered 26°03'01"N 55°57'07"E  
Anchor berth "S-08" [N11.2], radius 400  
meters, centered 26°03'51"N 55°57'33"E  
Anchor berth "S-09" [N11.2], radius 400  
meters, centered 26°04'41"N 55°57'59"E  
Anchor berth "S-10" [N11.2], radius 400  
meters, centered 26°05'31"N 55°58'25"E  
Anchor berth "S-11" [N11.2], radius 400  
meters, centered 26°02'42"N 55°54'24"E  
Anchor berth "S-12" [N11.2], radius 400  
meters, centered 26°03'34"N 55°54'58"E  
Anchor berth "S-13" [N11.2], radius 400  
meters, centered 26°04'22"N 55°55'38"E  
Anchor berth "S-14" [N11.2], radius 400  
meters, centered 26°05'06"N 55°56'24"E  
Anchor berth "S-15" [N11.2], radius 400  
meters, centered 26°05'46"N 55°57'17"E  
Anchor berth "S-16" [N11.2], radius 500  
meters, centered 26°03'15"N 55°53'34"E  
Anchor berth "S-17" [N11.2], radius 500  
meters, centered 26°04'09"N 55°54'06"E  
Anchor berth "S-18" [N11.2], radius 500  
meters, centered 26°04'58"N 55°54'47"E  
Anchor berth "S-19" [N11.2], radius 500  
meters, centered 26°05'42"N 55°55'34"E  
Anchor berth "S-20" [N11.2], radius 500  
meters, centered 26°06'22"N 55°56'26"E

Legend "ZONE 1" 26°03'55"N 55°55'54"E  
(NTM0005/2018)

809125 1Ed. 2/15/14 LAST NM N35/18 N32/19  
Delete Racon from platform "West Bukha" 26°22'53"N 55°58'48"E  
Add Depth 40 meters Wk [K26] 26°07'13"N 55°55'53"E  
Submerged well [L20] 26°21'38"N 55°59'19"E  
Submarine pipeline [L40.1] with legend "Gas  
CAUTION NO 2" joining 26°22'53"N 55°58'48"E  
26°14'40"N 56°02'12"E  
26°14'18"N 56°02'52"E  
26°14'40"N 56°03'18"E  
26°14'00"N 56°04'11"E  
26°13'22"N 56°04'27"E  
26°11'31"N 56°04'24"E  
26°10'57"N 56°04'11"E  
26°06'09"N 56°04'11"E  
26°05'24"N 56°04'20"E  
26°03'50"N 56°05'18"E  
(4(9), 10(35)18 Muscat; 37(4359)18 Taunton; UKHO ARCS 3174-0)

★809127 1Ed. 1/9/16 NEW CHART N23/16  
(NGA)

809127 1Ed. 1/9/16 LAST NM N23/16 N24/16  
Add Buoy "JAD1" Y, pillar 25°03'17"N 55°01'39"E  
Buoy "JAD2" Y, pillar 25°03'27"N 55°02'37"E  
Buoy "JAD3" Y, pillar 25°03'09"N 55°02'55"E  
Buoy "JAD4" Y, pillar 25°02'59"N 55°01'58"E  
"Spoil Ground" area [N62.1] bound by dashed  
line joining above buoys  
(16(2001)16 Taunton)

809127 1Ed. 1/9/16 LAST NM N24/16 N34/17  
Add Buoy "Sahar 2" Y, pillar, "X" topmark, Fl Y 4s  
[Q130.6] 25°03'20"N 54°47'40"E  
Buoy "Sahar 1" Y, pillar, "X" topmark, Fl Y 4s  
[Q130.6] 24°59'20"N 54°47'40"E  
(21(2742)16 Taunton)



<b>809127</b>	1Ed. 1/9/16	LAST NM N34/17		N28/18					
Delete	Anchorage area "Limited Dubai Dry Docks" in vicinity (18(1987)18 Taunton)		25°15'32"N 55°14'30"E						
<b>809127</b>	1Ed. 1/9/16	LAST NM N28/18		N26/19					
Delete	Green composite line (prohibited area limit) joining		25°05'23"N 55°06'41"E 25°05'22"N 55°07'05"E 25°05'25"N 55°07'35"E 25°05'31"N 55°07'57"E 25°05'42"N 55°08'23"E						
	Green composite line (prohibited area limit) joining		25°04'48"N 55°06'48"E 25°05'31"N 55°07'14"E 25°04'49"N 55°07'39"E 25°04'17"N 55°07'26"E						
	Green composite line (prohibited area limit) between		25°05'44"N 55°08'24"E 25°05'55"N 55°08'43"E						
	Beacon		25°13'28"N 55°15'04"E						
	Beacon		25°13'40"N 55°15'12"E						
	Beacon		25°13'42"N 55°15'20"E						
	Beacon		25°13'50"N 55°15'25"E						
	Beacon		25°14'01"N 55°15'29"E						
	Buoy		25°09'10"N 55°11'12"E						
	Buoy		25°09'32"N 55°11'33"E						
	Legend "Works in Progress (2011) (see Note)"		25°09'19"N 55°10'58"E						
Add	Green composite line (prohibited area limit) [N2.2] joining		25°05'23"N 55°06'41"E 25°05'16"N 55°06'56"E 25°05'13"N 55°07'14"E 25°05'13"N 55°07'38"E 25°05'14"N 55°07'46"E 25°05'22"N 55°08'02"E						
	Green composite line (prohibited area limit) [N2.2] joining		25°05'36"N 55°08'37"E 25°05'46"N 55°08'47"E 25°05'55"N 55°08'43"E						
	Green composite line (prohibited area limit) [N2.2] joining		25°04'48"N 55°06'48"E 25°04'17"N 55°07'26"E						
	"Small Craft (daylight only)" area [N12.3] bound by dashed line joining		25°09'44"N 55°11'01"E 25°09'26"N 55°11'29"E 25°09'01"N 55°11'10"E 25°09'17"N 55°10'42"E						
	"Small Craft (daylight only)" area [N12.3] bound by dashed line joining		25°07'38"N 55°09'31"E 25°08'08"N 55°09'17"E 25°08'32"N 55°09'52"E 25°08'11"N 55°10'09"E						
	"Waiting Area" [N12.3] bound by dashed-line circle, radius 200 yards, centered		25°05'11"N 55°07'56"E						
	Anchoring prohibited area [N20] bound by shore and green composite line joining		25°04'31"N 55°07'33"E 25°04'37"N 55°07'35"E 25°05'14"N 55°08'07"E 25°05'19"N 55°08'14"E						
	Anchoring prohibited symbol [N20]		25°05'55"N 55°08'51"E						
	(31(3930)16, 23(2669)17, 5(545), 21(2325), 28(3190)18, 7(834)19 Taunton; UKHO ARCS 3412-0, 3739-0)								
<b>809127</b>	1Ed. 1/9/16	LAST NM N26/19		N27/19					
Delete	Green composite line (prohibited area limit) between		25°06'33"N 55°09'19"E 25°06'57"N 55°09'33"E						
	Legend "Works in Progress (2015)"		25°08'44"N 55°10'40"E						
Add	Green composite line (prohibited area limit) [N2.2] between		25°06'33"N 55°09'19"E 25°06'29"N 55°09'25"E						
	Green composite line (prohibited area limit) [N2.2] between		25°06'59"N 55°09'38"E 25°06'55"N 55°09'46"E						
	(42(5181)15, 20(2542)16 Taunton; UKHO ARCS 3412-0)								
<b>★809130</b>	1Ed. 4/23/16	NEW CHART (NGA)							N36/16
<b>★809136</b>	1Ed. 11/19/16	NEW CHART (NGA)							N19/17
<b>★809138</b>	1Ed. 12/4/10	NEW CHART (NGA)							N26/11
<b>809138</b>	1Ed. 12/4/10	LAST NM N26/11							N21/15
Relocate	Buoy "A" from 35°48'53"N 126°26'30"E to 35°48'49"N 126°26'33"E								
	Buoy "B" from 35°48'45"N 126°26'34"E to 35°48'34"N 126°26'42"E								
	Buoy "A" from 35°48'38"N 126°26'34"E to 35°48'50"N 126°26'25"E								
	(51(914)13 Inchon)								
<b>809138</b>	1Ed. 12/4/10	LAST NM N21/15							N27/16
Change	Visibility (range) of light to 8M and add AIS [S17.1]		35°56'00"N 126°31'45"E						
	Visibility (range) of light to 8M and add AIS [S17.1]		35°56'01"N 126°31'39"E						
	(ROK CH 3484)								
<b>809138</b>	1Ed. 12/4/10	LAST NM N27/16							N49/16
Change	Light to Fl W 10s 60m 26M Horn Racon (C) AIS SS (Storm)		35°51'30"N 126°18'55"E						
	(15(515)13 Tianjin; ROK CH 335)								
<b>809138</b>	1Ed. 12/4/10	LAST NM N49/16							N33/17
Delete	Depth 4.9 meters Wk		35°56'25"N 126°28'39"E						
	Depth 7.9 meters Obstn		35°56'17"N 126°28'33"E						
	Depth 6.4 meters Obstn		35°56'14"N 126°28'51"E						
	Depth 7 meters Obstn		35°56'28"N 126°28'56"E						
	(ROK CH 3484)								
<b>809138</b>	1Ed. 12/4/10	LAST NM N33/17							N41/17
Delete	Light		35°56'56"N 126°31'20"E						
	(ROK CH 3484)								
<b>809138</b>	1Ed. 12/4/10	LAST NM N41/17							N44/17
Delete	Depth 11.6 meters Wk		35°58'00"N 126°26'20"E						
	Pilot station symbol		35°56'56"N 126°25'53"E						
	Green dashed line and legend "Harbor limit" joining		35°52'58"N 126°30'41"E 35°52'58"N 126°25'53"E 35°58'11"N 126°25'52"E						
Add	Depth 12.5 meters Wk [K26]		35°55'29"N 126°25'22"E						
	Green dashed line (harbor limit) [N49] joining		35°55'04"N 126°31'31"E 35°55'04"N 126°21'30"E 35°58'11"N 126°21'30"E						
	"Pilot Disembarking" area [T1.2] bound by purple dashed-line greater arc of a circle, radius 1 mile, centered		35°58'00"N 126°28'00"E						
	arc between		35°58'11"N 126°26'47"E 35°58'11"N 126°29'13"E						
	Note: Area extends beyond chart border								
	"Pilot Boarding" area [T1.2] bound by purple dashed-line greater arc of a circle, radius 2 miles, centered		35°57'00"N 126°25'30"E						
	arc between		35°58'11"N 126°23'31"E 35°58'11"N 126°27'29"E						
	Note: Area extends beyond chart border								
	(1(11)16 Busan; ROK CH 3412)								
<b>809138</b>	1Ed. 12/4/10	LAST NM N44/17							N47/18
Delete	Depth 5 meters		35°56'37"N 126°29'50"E						
	Depth 9.7 meters Obstn		35°56'53"N 126°27'14"E						
Substitute	Depth 10 meters Obstn [K41] for depth 10.3 meters		35°55'36"N 126°26'40"E						
Add	Depth 11.3 meters Obstn [K41]		35°57'46"N 126°25'46"E						
	Depth 12.4 meters Obstn [K41]		35°57'12"N 126°25'52"E						
	Depth 9.5 meters Obstn [K41]		35°56'55"N 126°27'16"E						
	Depth 8.8 meters Obstn [K41]		35°56'37"N 126°27'44"E						

(continued on next page)

**809138** (Continued) 47/18  
 Depth 5.7 meters Obstn [K41] 35°55'30"N 126°28'37"E  
 Depth 6.2 meters 35°57'57"N 126°29'51"E  
 Depth 5.3 meters 35°57'35"N 126°29'55"E  
 Depth 4.7 meters 35°56'32"N 126°29'48"E  
 and extend depth contour (5-meter) NE to  
 enclose  
 (41(4817)18 Taunton; UKHO ARCS 1008-0)

**809138** 1Ed. 12/4/10 LAST NM N47/18 N49/18  
 Delete Depth 11.4 meters Obstn 35°56'44"N 126°26'24"E  
 Depth 10.3 meters Obstn 35°56'42"N 126°26'54"E  
 Depth 9.5 meters Obstn 35°56'47"N 126°27'11"E  
 Depth 10.9 meters Obstn 35°56'26"N 126°26'21"E  
 Depth 9.6 meters Obstn 35°56'36"N 126°27'07"E  
 Depth 9.6 meters Obstn 35°56'38"N 126°27'25"E  
 Depth 9.5 meters Obstn 35°56'31"N 126°27'15"E  
 Depth 10.1 meters Obstn 35°56'12"N 126°26'52"E  
 Depth 9.5 meters Obstn 35°56'16"N 126°27'08"E  
 Depth 9.4 meters Obstn 35°56'11"N 126°27'11"E  
 Depth 9.3 meters Obstn 35°56'09"N 126°27'20"E  
 Depth 10.5 meters Obstn 35°55'59"N 126°26'31"E  
 Depth 9.1 meters Obstn 35°55'47"N 126°27'18"E  
 Depth 9.4 meters Obstn 35°55'24"N 126°27'10"E

Substitute Depth 7.7 meters Obstn [K41] for  
 8.4 meters Obstn 35°56'24"N 126°27'26"E  
 Depth 9.6 meters Obstn [K41] for  
 9 meters Obstn 35°55'43"N 126°26'52"E  
 (UKHO ARCS 1008-0)

★**809144** 1Ed. 1/19/13 NEW CHART N21/13  
 (NGA)

**809144** 1Ed. 1/19/13 LAST NM N21/13 N25/13  
 Change Height of light to 14m 21°17'39"N 157°51'28"W  
 (20/13 CG14)

**809144** 1Ed. 1/19/13 LAST NM N25/13 N40/13  
 Delete Buoy "A" 21°28'21"N 157°43'51"W  
 Buoy "B" 21°28'59"N 157°44'00"W  
 Buoy "C" 21°28'48"N 157°42'50"W  
 Buoy "D" 21°28'05"N 157°41'46"W  
 Buoy "E" 21°27'43"N 157°42'30"W  
 (34/13 CG14)

**809144** 1Ed. 1/19/13 LAST NM N40/13 N49/13  
 Delete Green composite-line area (danger zone) in  
 vicinity 21°28'32"N 157°42'55"W  
 Note: Legend "DANGER ZONE 334.1380  
 NOTE NO 1" remains

Add Green composite-line lesser arc of circle  
 (danger zone limit), radius 3.8 miles,  
 centered 21°27'12"N 157°43'54"W  
 arc between 21°29'45"N 157°40'53"W  
 21°25'02"N 157°40'34"W

Green composite line (danger zone limit)  
 between 21°27'37"N 157°43'56"W  
 21°29'45"N 157°44'03"W

Green composite line (danger zone limit)  
 between 21°25'02"N 157°40'34"W  
 21°26'58"N 157°43'33"W  
 (NOS)

**809144** 1Ed. 1/19/13 LAST NM N49/13 N12/14  
 Add Pilot station symbol [T1.1] 21°15'48"N 157°52'48"W  
 (NOS)

**809144** 1Ed. 1/19/13 LAST NM N12/14 N24/14  
 Add AIS [S17.2] to buoy "H" 21°16'50"N 157°52'47"W  
 (13/14 CG14)

**809144** 1Ed. 1/19/13 LAST NM N24/14 N26/14  
 Add "EXCLUSION AREA 165.1413 NOTE NO 1"  
 bound by purple composite line [N2.1] joining  
 21°16'46"N 157°53'23"W  
 21°13'30"N 157°55'17"W  
 21°13'30"N 157°54'05"W  
 21°16'47"N 157°52'11"W

thence along depth contour (91-meter) between  
 21°16'47"N 157°52'11"W  
 21°16'46"N 157°53'23"W

Purple dashed line (evacuation staging area  
 limit) [N1.2] joining 21°13'30"N 157°55'17"W  
 21°13'30"N 157°55'34"W  
 21°17'14"N 157°55'34"W

thence along depth contour (91-meter) between  
 21°17'14"N 157°55'34"W  
 21°16'46"N 157°53'23"W

Legend "TSUNAMI EVACUATION AREA  
 165.1413 NOTE NO 1" 21°15'27"N 157°54'53"W

Purple dashed line (evacuation staging area  
 limit) [N1.2] joining 21°13'30"N 157°54'05"W  
 21°13'30"N 157°51'36"W  
 21°15'54"N 157°50'58"W

thence along depth contour (91-meter) between  
 21°15'54"N 157°50'58"W  
 21°16'47"N 157°52'11"W

Legend "TSUNAMI EVACUATION AREA  
 165.1413 NOTE NO 1" 21°14'34"N 157°52'24"W

Purple dashed line (evacuation staging area  
 limit) [N1.2] joining 21°13'30"N 157°51'36"W  
 21°13'30"N 157°48'20"W  
 21°14'12"N 157°48'20"W

thence along depth contour (91-meter) between  
 21°14'12"N 157°48'20"W  
 21°15'54"N 157°50'58"W

Legend "TSUNAMI EVACUATION AREA  
 165.1413 NOTE NO 1" 21°14'17"N 157°49'53"W  
 (NOS)

**809144** 1Ed. 1/19/13 LAST NM N26/14 N33/14  
 Add Dashed line (floating barrier) [F29.1] with  
 legend "Barrier (NOTE NO 14)" joining  
 21°21'07"N 157°57'51"W  
 21°21'09"N 157°57'52"W  
 21°21'19"N 157°57'55"W

Note No. 14 to NOTES in left upper margin of  
 chart  
 "14. Floating security barriers have been  
 installed at various U.S. Naval  
 installations throughout Pearl Harbor  
 Naval Station. Barriers are marked by  
 quick flashing yellow lighted buoys, that  
 approximately mark the Naval Barrier  
 system surrounding the facility."  
 (NOS)

**809144** 1Ed. 1/19/13 LAST NM N33/14 N46/14  
 Add Buoy "1" Y, pillar, Fl Y 4s (priv) 21°28'27"N 157°45'08"W  
 Buoy "2" Y, pillar, Fl Y 4s (priv) 21°28'33"N 157°45'15"W  
 Buoy "3" Y, pillar, Fl Y 4s (priv) 21°28'24"N 157°45'17"W  
 Buoy "4" Y, pillar, Fl Y 4s (priv) 21°28'43"N 157°45'34"W  
 Buoy "5" Y, pillar, Fl Y 4s (priv) 21°28'49"N 157°45'42"W  
 Buoy "6" Y, pillar, Fl Y 4s (priv) 21°28'39"N 157°45'44"W  
 (38/14 CG14)

**809144** 1Ed. 1/19/13 LAST NM N46/14 N52/14  
 Add Buoy "1" Y, pillar, Fl Y 4s (Priv) 21°28'00"N 157°45'00"W  
 (48/14 CG14)

**809144** 1Ed. 1/19/13 LAST NM N52/14 N4/15  
 Add V-AIS, ball topmark [S18.2] 21°16'06"N 157°56'23"W  
 (51/14 CG14)

**809144** 1Ed. 1/19/13 LAST NM N4/15 N14/15  
 Delete Explosives anchorage area centered  
 21°22'38"N 157°57'33"W  
 (10/15 CG14)

**809144** 1Ed. 1/19/13 LAST NM N14/15 N4/16  
 Add Dangerous wreck [K28] "Rep" (PA)  
 21°16'10"N 157°43'38"W  
 (36/15 CG14)

**809144** 1Ed. 1/19/13 LAST NM N4/16 N17/16  
 Add Buoy "No 10" R, pillar, Fl R 2.5s 21°20'05"N 157°58'08"W  
 (10/16 CG14)

<b>809144</b>	1Ed. 1/19/13	LAST NM N17/16	N38/16	
Add	Submarine cable [L30.1] joining		21°27'25"N 157°45'26"W	
			21°27'34"N 157°45'21"W	
			21°27'50"N 157°45'12"W	
			21°27'51"N 157°45'11"W	
			21°27'54"N 157°45'11"W	
			21°27'56"N 157°45'12"W	
			21°28'37"N 157°45'37"W	
	Submarine cable [L30.1] joining		21°27'25"N 157°45'23"W	
			21°27'34"N 157°45'20"W	
			21°27'48"N 157°45'11"W	
			21°27'52"N 157°45'09"W	
			21°27'56"N 157°45'09"W	
			21°28'21"N 157°45'13"W	
	Submarine cable [L30.1] joining		21°27'25"N 157°45'23"W	
			21°27'30"N 157°45'21"W	
			21°27'33"N 157°45'19"W	
			21°27'54"N 157°45'03"W	
			21°27'55"N 157°45'02"W	
			21°27'55"N 157°45'01"W	
	(NOS)			
<b>809144</b>	1Ed. 1/19/13	LAST NM N38/16	N23/17	
Change	Buoy to "098" Y, Fl(5) Y 20s (Priv)		21°25'00"N 157°40'00"W	
	(12/17 CG14)			
<b>809144</b>	1Ed. 1/19/13	LAST NM N23/17	N27/17	
Add	Buoy "233" Y, pillar, Fl(5) Y 20s (Priv)		21°17'50"N 157°57'32"W	
	(23/17 CG14)			
<b>★809144</b>	1Ed. 1/19/13	LAST NM N27/17	N5/18	
Delete	Racon from buoy "H"		21°16'50"N 157°52'47"W	
	(51/17 CG14)			
<b>★809144</b>	1Ed. 1/19/13	LAST NM N5/18	N13/18	
Add	Buoy Y, pillar, Fl Y 6s (Priv)		21°27'16"N 157°42'55"W	
	Buoy Y, pillar, Fl Y 6s (Priv)		21°27'03"N 157°42'56"W	
	(7/18 CG14)			
<b>★809144</b>	1Ed. 1/19/13	LAST NM N13/18	N50/18	
Delete	Depth 7.9 meters "Rep (2008)", blue tint and enclosing dotted-line circle centered		21°21'21"N 157°59'54"W	
	(NOS)			
<b>★809147</b>	1Ed. 1/12/13	NEW CHART	N8/16	
Delete	Light		21°34'22"N 158°15'50"W	
Change	Characteristic of range light, front to QG		21°35'44"N 158°06'10"W	
	Characteristic of range light, rear to Iso G 6s		21°35'38"N 158°06'02"W	
	Characteristic of range light, front to QG		21°19'45"N 158°06'54"W	
Add	Pilot station symbol [T1.1]		21°17'30"N 158°09'12"W	
	(NGA; NOS; 16, 29/13, 21/14 CG14)			
<b>809147</b>	1Ed. 1/12/13	LAST NM N8/16	N36/16	
Add	Submarine cable [L30.1] joining		21°17'47"N 158°06'24"W	
			21°17'03"N 158°08'07"W	
			21°17'53"N 158°10'03"W	
			21°17'52"N 158°10'35"W	
			21°18'00"N 158°10'44"W	
			21°19'15"N 158°11'06"W	
			21°19'23"N 158°10'56"W	
	(NOS)			
<b>809147</b>	1Ed. 1/12/13	LAST NM N36/16	N23/17	
Change	Buoy to "165" Y, Fl(5) Y 20s (Priv)		21°16'53"N 158°07'25"W	
	(12/17 CG14)			
<b>★809147</b>	1Ed. 1/12/13	LAST NM N23/17	N26/18	
Relocate	Buoy "165" from 21°16'53"N		158°07'25"W to	
		21°19'24"N	158°08'59"W	
	(23/18 CG14)			
<b>★809151</b>	1Ed. 6/13/15	NEW CHART	N52/15	
	(NGA)			
<b>809151</b>	1Ed. 6/13/15	LAST NM N52/15	N25/16	
Substitute	Depth 20.8 meters Wk [K26] for 31 meters Wk		23°38'13"N 58°34'17"E	
	(8(16)14 Muscat)			
<b>809151</b>	1Ed. 6/13/15	LAST NM N25/16	N15/17	
Add	Submarine cable [L30.1] joining		23°34'20"N 58°36'47"E	
			23°34'59"N 58°37'13"E	
			23°36'05"N 58°37'39"E	
			23°40'09"N 58°39'04"E	
	Submarine cable [L30.1] joining		23°40'50"N 58°11'45"E	
			23°41'46"N 58°12'41"E	
			23°45'21"N 58°19'06"E	
			23°46'37"N 58°19'42"E	
			23°51'00"N 58°30'00"E	
	(9(1P)15 Muscat; UKHO ARCS 3522-0)			
<b>809151</b>	1Ed. 6/13/15	LAST NM N15/17	N33/18	
Delete	Depth 19.9 meters and enclosing depth contour (20-meter) centered		23°38'38"N 58°22'02"E	
Relocate	Superbuoy SBM "No 4" from 23°38'31"N 58°31'15"E to		23°38'17"N 58°31'16"E	
	and add period 15s			
Add	Buoy Y, conical, "X" topmark, Fl Y 5s [Q130.6]		23°37'59"N 58°22'41"E	
	Depth 14.6 meters enclosed by depth contour (20-meter) centered		23°38'23"N 58°33'23"E	
	Depth 17.8 meters enclosed by depth contour (20-meter) centered		23°38'43"N 58°21'58"E	
	Submarine pipeline [L41.1] between		23°36'18"N 58°22'39"E	
			23°37'58"N 58°22'40"E	
	Submarine pipeline [L41.1] joining		23°37'55"N 58°32'31"E	
			23°37'58"N 58°32'32"E	
			23°38'59"N 58°33'13"E	
	Submarine cable [L30.1] between		23°40'55"N 58°11'31"E	
			23°51'00"N 58°13'21"E	
	Submarine cable [L30.1] joining		23°40'57"N 58°11'30"E	
			23°41'45"N 58°12'06"E	
			23°44'40"N 58°16'44"E	
	Submarine cable [L30.1] joining		23°40'50"N 58°11'43"E	
			23°43'55"N 58°17'17"E	
			23°44'50"N 58°20'03"E	
			23°46'36"N 58°30'49"E	
	Submarine cable [L30.1] joining		23°40'48"N 58°11'47"E	
			23°41'30"N 58°12'07"E	
			23°41'54"N 58°12'06"E	
			23°44'22"N 58°12'59"E	
			23°51'00"N 58°15'45"E	
	(5(5), 9(15)17 Muscat; 42(5131)16, 1(54)18 Taunton; UKHO ARCS 3522-0)			
<b>809151</b>	1Ed. 6/13/15	LAST NM N33/18	N36/18	
Relocate	Buoy "No 1" from 23°37'38"N 58°34'52"E to		23°37'37"N 58°34'41"E	
	and add can topmark			
Substitute	Depth 29 meters Foul [K31.1] for foul ground symbol		23°37'52"N 58°35'27"E	
	Depth 25 meters Foul [K31.1] for foul ground symbol		23°37'53"N 58°34'48"E	
Change	Legend to "13m (2008)"		23°37'38"N 58°34'08"E	
	Light to Iso G 8s 9m 7M		23°37'39"N 58°34'20"E	
Add	Can topmark to buoy		23°37'39"N 58°35'06"E	
	(3(4)14, 6(13)16 Muscat; UKHO ARCS 3518-2)			
<b>809151</b>	1Ed. 6/13/15	LAST NM N36/18	N43/18	
Add	Depth 49 meters Wk [K26]		23°39'40"N 58°34'42"E	
	(8(24)18 Muscat)			

<b>809151</b>	1Ed. 6/13/15	LAST NM N43/18	N24/19
Delete	Depth 17.1 meters		23°37'33"N 58°35'33"E
Substitute	Depth 31 meters Wk [K26] for 20.8 meters Wk		23°38'13"N 58°34'17"E
	Depth 3.9 meters for 3.4 meters		23°49'40"N 58°08'35"E
Add	Wreck [K29]		23°39'04"N 58°34'42"E
	Depth 16.8 meters		23°37'32"N 58°35'32"E
	Depth 6 meters Wk [K26]		23°40'42"N 58°13'34"E
	(4(10)16, 10(31, 32)18 Muscat; UKHO ARCS 3518-2)		
<b>809151</b>	1Ed. 6/13/15	LAST NM N24/19	N28/19
Add	Buoy Y, spherical, "X" topmark, Fl(5) Y 20s [Q130.6]		23°34'36"N 58°41'30"E
	(3(2)15 Muscat)		
<b>★809158</b>	1Ed. 10/13/18	NEW CHART	N1/19
	(NGA)		
<b>★809164</b>	1Ed. 12/1/12	NEW CHART	N13/13
	(NGA)		
<b>★809167</b>	1Ed. 10/26/13	NEW CHART	N12/14
Change	Visibility (range) of light "CT" to 5M		19°57'00"N 75°07'54"W
	Visibility (range) of light "No 2" to 5M		19°56'50"N 75°07'30"W
	(NGA; 48/13 CG7)		
<b>809167</b>	1Ed. 10/26/13	LAST NM N12/14	N23/14
Change	Visibility (range) of light "1" to 5M		19°55'19"N 75°08'58"W
	Visibility (range) of light "4" to 5M		19°57'08"N 75°08'42"W
	(15/14 CG7)		
<b>809167</b>	1Ed. 10/26/13	LAST NM N23/14	N12/16
Add	Buoy "2" R, pillar, cone topmark		19°58'38"N 75°08'28"W
	(9(124)15 Habana)		
<b>809167</b>	1Ed. 10/26/13	LAST NM N12/16	N9/18
Add	Pilot station symbol [T1.1]		19°53'52"N 75°10'52"W
	(6(99)17 Habana)		
<b>★809170</b>	1Ed. 2/16/13	NEW CHART	N25/13
	(NGA)		
<b>★809178</b>	1Ed. 3/1/14	NEW CHART	N22/14
Add	AIS [S17.2] to buoy "Dubayy"		25°18'30"N 55°10'00"E
	AIS [S17.2] to buoy		25°27'31"N 55°06'13"E
	(NGA; 13(1297)14 Taunton)		
<b>809178</b>	1Ed. 3/1/14	LAST NM N22/14	N31/14
Add	Depth 14 meters Wk [K26]		25°17'53"N 55°12'16"E
	(25(2527)14 Taunton)		
<b>809178</b>	1Ed. 3/1/14	LAST NM N31/14	N44/15
Add	Submarine pipeline [L40.1] with legend "Gas" joining		25°33'00"N 55°24'17"E
			25°27'46"N 55°28'00"E
			25°27'11"N 55°28'26"E
	(14(1638)15 Taunton)		
<b>809178</b>	1Ed. 3/1/14	LAST NM N44/15	N24/16
Add	Submarine cable [L30.1] with legend "CAUTION NO 2" joining		25°30'48"N 55°05'00"E
			25°32'21"N 55°08'00"E
			25°32'32"N 55°08'30"E
			25°32'36"N 55°09'09"E
			25°33'00"N 55°10'09"E
	(14(1456)14 Taunton; UKHO ARCS 2889-0)		
<b>809178</b>	1Ed. 3/1/14	LAST NM N24/16	N41/17
Add	Submarine cable [L30.1] joining		25°30'09"N 55°05'00"E
			25°31'00"N 55°06'38"E
			25°33'00"N 55°10'41"E
	(9(1P)15 Muscat; UKHO ARCS 3175-0)		
<b>809178</b>	1Ed. 3/1/14	LAST NM N41/17	N9/18
Add	Depth 14.5 meters Wk [K26]		25°27'21"N 55°13'09"E
	Depth 20.3 meters Wk [K26]		25°27'36"N 55°12'30"E
	(19(2116)17 Taunton; UKHO ARCS 3176-0)		
<b>★809179</b>	1Ed. 7/4/15	NEW CHART	N18/16
	(NGA)		
<b>★809187</b>	1Ed. 2/9/13	NEW CHART	N25/13
	(NGA)		
<b>809187</b>	1Ed. 2/9/13	LAST NM N25/13	N28/16
Add	Legend "Causeway Under Construction (2015)"		29°24'39"N 47°56'12"E
	Legend "Causeway Under Construction (2015)"		29°31'31"N 48°01'34"E
	Legend "Causeway Under Construction (2015)"		29°28'46"N 48°00'20"E
	Legend "Causeway Under Construction (2015)"		29°25'46"N 47°57'43"E
	Legend "Causeway Under Construction (2015)"		29°23'42"N 47°55'32"E
	Legend "Causeway Under Construction (2015)"		29°30'16"N 48°03'58"E
	(32(4013)15 Taunton; UKHO ARCS 1214-0)		
<b>809187</b>	1Ed. 2/9/13	LAST NM N28/16	N36/16
Add	Buoy "ST 1" Y, conical, Fl Y 10s [Q130.6]		29°43'30"N 48°27'42"E
	Buoy "ST 3" Y, conical, Fl Y 10s [Q130.6]		29°33'00"N 48°17'42"E
	Buoy "ST 4" Y, conical, Fl Y 10s [Q130.6]		29°27'42"N 48°03'30"E
	Buoy "ST 5" Y, conical, Fl Y 10s [Q130.6]		29°27'36"N 47°54'30"E
	Buoy "ST 6" Y, conical, Fl Y 10s [Q130.6]		29°25'18"N 47°50'00"E
	Buoy "ST 8" Y, conical, Fl Y 10s [Q130.6]		29°21'51"N 47°52'54"E
	(1(130)16 Taunton)		
<b>809187</b>	1Ed. 2/9/13	LAST NM N36/16	N4/17
Relocate	Buoy "ST 3" from 29°33'00"N 48°17'42"E to 29°32'32"N 48°19'21"E		
	(See N36/16-809187)		
Change	Visibility (range) of light to 5M		29°22'39"N 48°26'25"E
	(5(574)13, 38(4765)16 Taunton)		
<b>809187</b>	1Ed. 2/9/13	LAST NM N4/17	N20/18
Add	Depth 6.6 meters		29°23'34"N 47°57'34"E
	Depth 6.5 meters		29°23'23"N 47°57'25"E
	Depth 7.9 meters Obstn [K41] "Rep (2017)"		29°24'52"N 47°58'54"E
	(35(4468)16, 2(201)18 Taunton)		
<b>809187</b>	1Ed. 2/9/13	LAST NM N20/18	N22/19
Delete	Beacon "M30"		29°22'36"N 48°23'26"E
	(17(1833)17 Taunton)		
<b>809187</b>	1Ed. 2/9/13	LAST NM N22/19	N32/19
Add	AIS [S17.1] to light		29°22'39"N 48°26'25"E
	(21(2577)19 Taunton)		
<b>★809189</b>	1Ed. 6/8/13	NEW CHART	N38/13
	(NGA)		
<b>★809381</b>	1Ed. 8/30/08	NEW CHART	N31/09
	(NGA)		
<b>809381</b>	1Ed. 8/30/08	LAST NM N31/09	N26/18
Delete	Light		39°13'27"N 127°38'12"E
	Light		39°07'53"N 127°44'32"E
	Depth 9 meters (PA), blue tint and enclosing depth contour (10-meter) in vicinity		39°11'14"N 127°30'47"E

(continued on next page)

<b>809381</b>	(Continued)		26/18
Change	Light at beacon "Yubundo" to L Fl 6s 37m 4M	39°17'28"N	127°31'37"E
Add	Light L Fl 15M	39°07'45"N	127°44'42"E
	Light Oc 20s 67m 20M Horn	39°13'39"N	127°37'55"E
	Horn to light "Yongjin" and change height to 64m	39°17'55"N	127°24'12"E
	Purple heavy dashed line (routing measure limit) [M15] joining	39°14'21"N	127°25'09"E
		39°14'21"N	127°26'40"E
		39°14'32"N	127°26'50"E
		39°15'49"N	127°26'33"E
	Purple heavy dashed line (routing measure limit) [M15] joining	39°15'54"N	127°27'11"E
		39°15'00"N	127°27'23"E
		39°15'51"N	127°27'50"E
	Purple heavy dashed line (routing measure limit) [M15] joining	39°15'40"N	127°28'26"E
		39°14'27"N	127°27'47"E
		39°14'21"N	127°27'53"E
		39°14'21"N	127°31'31"E
		39°14'51"N	127°30'36"E
	Purple heavy dashed line (routing measure limit) [M15] joining	39°14'52"N	127°31'44"E
		39°14'21"N	127°32'40"E
		39°14'21"N	127°34'44"E
		39°15'43"N	127°39'05"E
		39°17'14"N	127°40'36"E
	Purple heavy dashed line (routing measure limit) [M15] joining	39°14'59"N	127°41'46"E
		39°15'16"N	127°39'21"E
		39°13'51"N	127°34'50"E
		39°13'51"N	127°33'34"E
		39°13'23"N	127°34'26"E
	Purple heavy dashed line (routing measure limit) [M15] joining	39°13'22"N	127°33'20"E
		39°13'51"N	127°32'28"E
		39°13'51"N	127°27'54"E
		39°13'37"N	127°27'38"E
		39°10'55"N	127°27'39"E
	Purple heavy dashed line (routing measure limit) [M15] joining	39°13'51"N	127°25'08"E
		39°13'51"N	127°26'38"E
		39°13'37"N	127°26'57"E
		39°10'56"N	127°26'57"E
	Purple tint circle (roundabout) [M21], radius 0.1 mile, centered	39°14'05"N	127°27'16"E
	Purple tint area (traffic separation zone) [M13] bound by limit joining	39°15'47"N	127°40'06"E
		39°16'34"N	127°41'40"E
		39°16'02"N	127°41'56"E
	Pilot station symbol [T1.1]	39°15'05"N	127°43'36"E
	Purple tint line (traffic separation line) [M12] between	39°14'05"N	127°25'09"E
		39°14'05"N	127°26'34"E
	Purple tint line (traffic separation line) [M12] between	39°11'01"N	127°27'20"E
		39°13'34"N	127°27'20"E
	Purple tint line (traffic separation line) [M12] joining	39°14'05"N	127°27'57"E
		39°14'06"N	127°34'46"E
		39°15'47"N	127°40'07"E
	Purple tint line (traffic separation line) [M12] between	39°14'21"N	127°32'06"E
		39°14'51"N	127°31'10"E
	Purple tint line (traffic separation line) [M12] between	39°15'45"N	127°28'08"E
		39°14'43"N	127°27'36"E
	Purple tint line (traffic separation line) [M12] between	39°15'52"N	127°26'51"E
		39°14'45"N	127°27'07"E
	Purple tint line (traffic separation line) [M12] between	39°13'51"N	127°33'01"E
		39°13'22"N	127°33'55"E
	Purple open-outlined arrow indicating flow of traffic [M10] oriented 068°	39°14'15"N	127°35'41"E
	Purple open-outlined arrow indicating flow of traffic [M10] oriented 248°	39°14'29"N	127°35'36"E
	Purple open-outlined arrow indicating flow of traffic [M10] oriented 090°	39°15'29"N	127°40'47"E
	Purple open-outlined arrow indicating flow of traffic [M10] oriented 229°	39°16'18"N	127°40'18"E
	Purple open-outlined arrow indicating flow of traffic [M10] oriented 090°	39°13'58"N	127°25'47"E

Purple open-outlined arrow indicating flow of traffic [M10] oriented 270°	39°14'14"N	127°25'47"E
Purple open-outlined arrow indicating flow of traffic [M10] oriented 180°	39°12'43"N	127°27'07"E
Purple open-outlined arrow indicating flow of traffic [M10] oriented 000°	39°12'43"N	127°27'29"E
Purple open-outlined arrow indicating flow of traffic [M10] oriented 090°	39°13'58"N	127°29'23"E
Purple open-outlined arrow indicating flow of traffic [M10] oriented 270°	39°14'14"N	127°29'23"E
Purple open-outlined arrow indicating flow of traffic [M10] oriented 124°	39°13'37"N	127°33'09"E
Purple open-outlined arrow indicating flow of traffic [M10] oriented 304°	39°13'35"N	127°33'47"E
Purple open-outlined arrow indicating flow of traffic [M10] oriented 124°	39°14'38"N	127°31'17"E
Purple open-outlined arrow indicating flow of traffic [M10] oriented 304°	39°14'36"N	127°31'55"E
Purple open-outlined arrow indicating flow of traffic [M10] oriented 170°	39°15'29"N	127°26'47"E
Purple open-outlined arrow indicating flow of traffic [M10] oriented 350°	39°15'30"N	127°27'07"E
Purple open-outlined arrow indicating flow of traffic [M10] oriented 204°	39°15'29"N	127°27'49"E
Purple open-outlined arrow indicating flow of traffic [M10] oriented 024°	39°15'20"N	127°28'05"E

(UKHO ARCS 884-1; UKHO LL)

★809559 2Ed. 10/17/87 NEW EDITION N5/88  
(DMAHTC)

★809780 1Ed. 7/23/77 CHART CANCELED N17/18  
(NTM0003/2018)

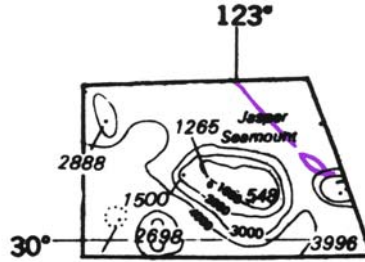


Chart 62

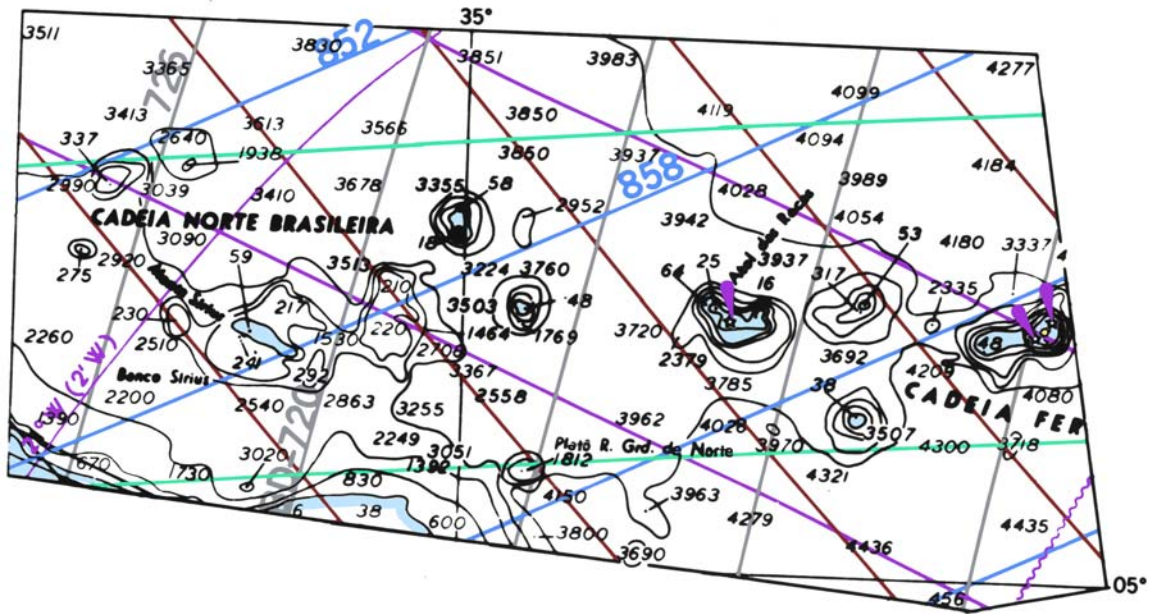
NM 16/07

**RED DOT POINTS AND AREAS**

Areas enclosed by purple dashed line have been identified as potential hazards to navigation. They are designated as "Red Dot Area/Point #" with an associated predicted depth (+/- 250 meters). This predicted depth is derived from remote-sensed gravity data and could fall anywhere within the caution area. Mariners are advised to navigate with extreme caution within these areas.

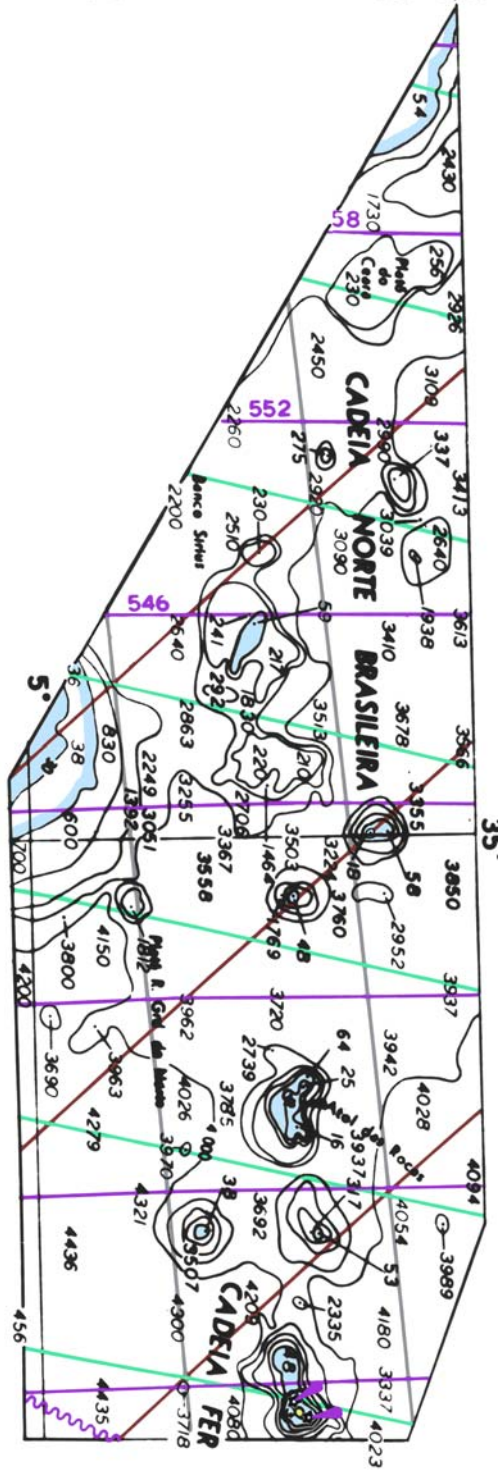
Chart 106

NM 44/85











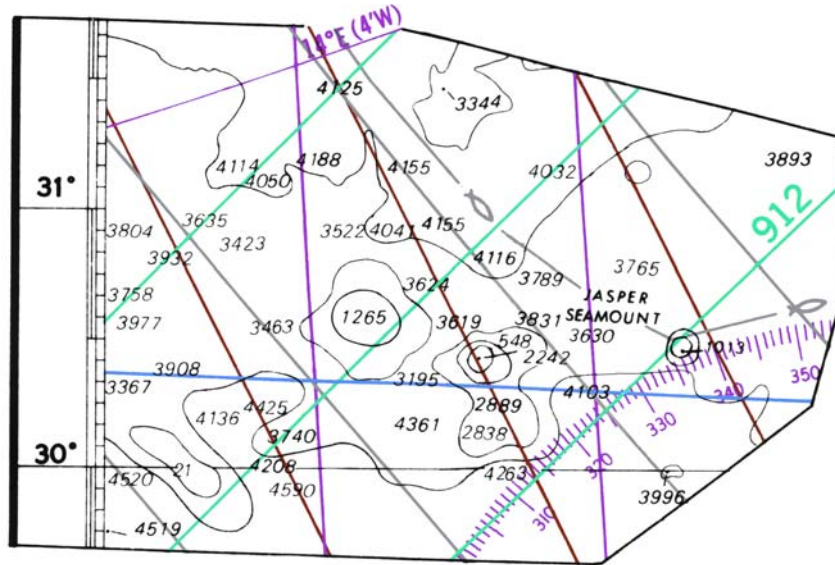


Chart 509 NM 41/16

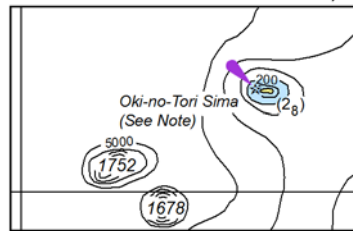


Chart 510 NM 41/16

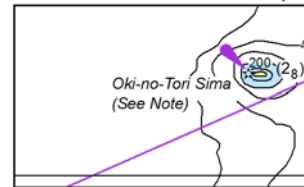
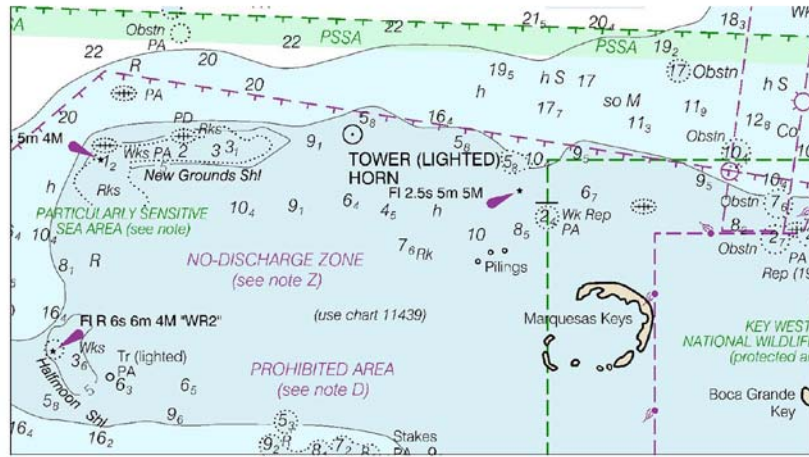
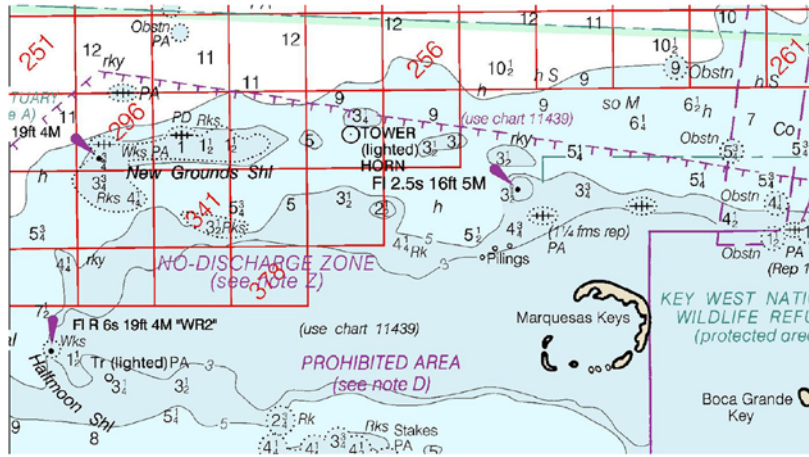


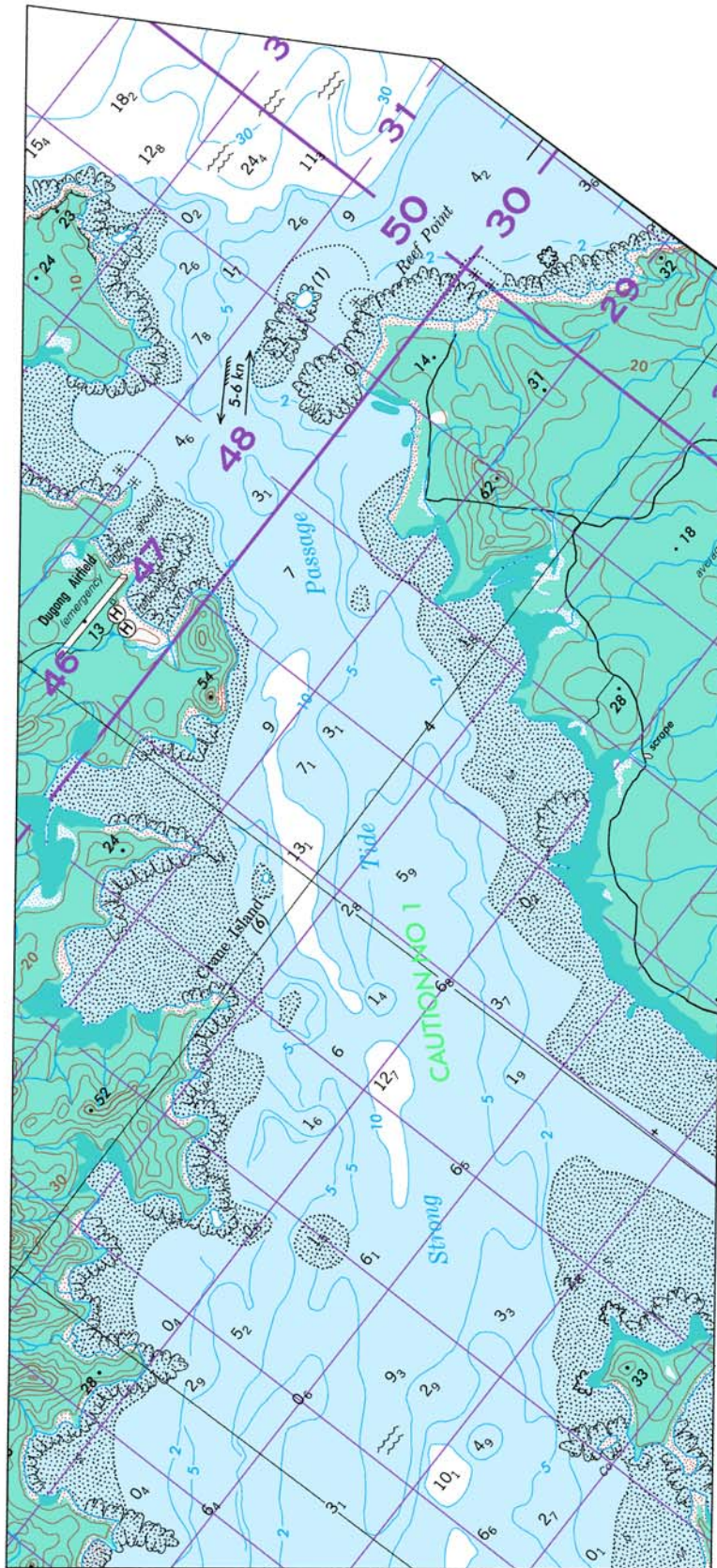
Chart 625

NM 16/07

**RED DOT POINTS AND AREAS**

Areas enclosed by purple dashed line have been identified as potential hazards to navigation. They are designated as "Red Dot Area/Point #" areas with an associated predicted depth (+/- 250 meters). This predicted depth is derived from remote-sensed gravity data and could fall anywhere within the caution area. Mariners are advised to navigate with extreme caution within these areas.





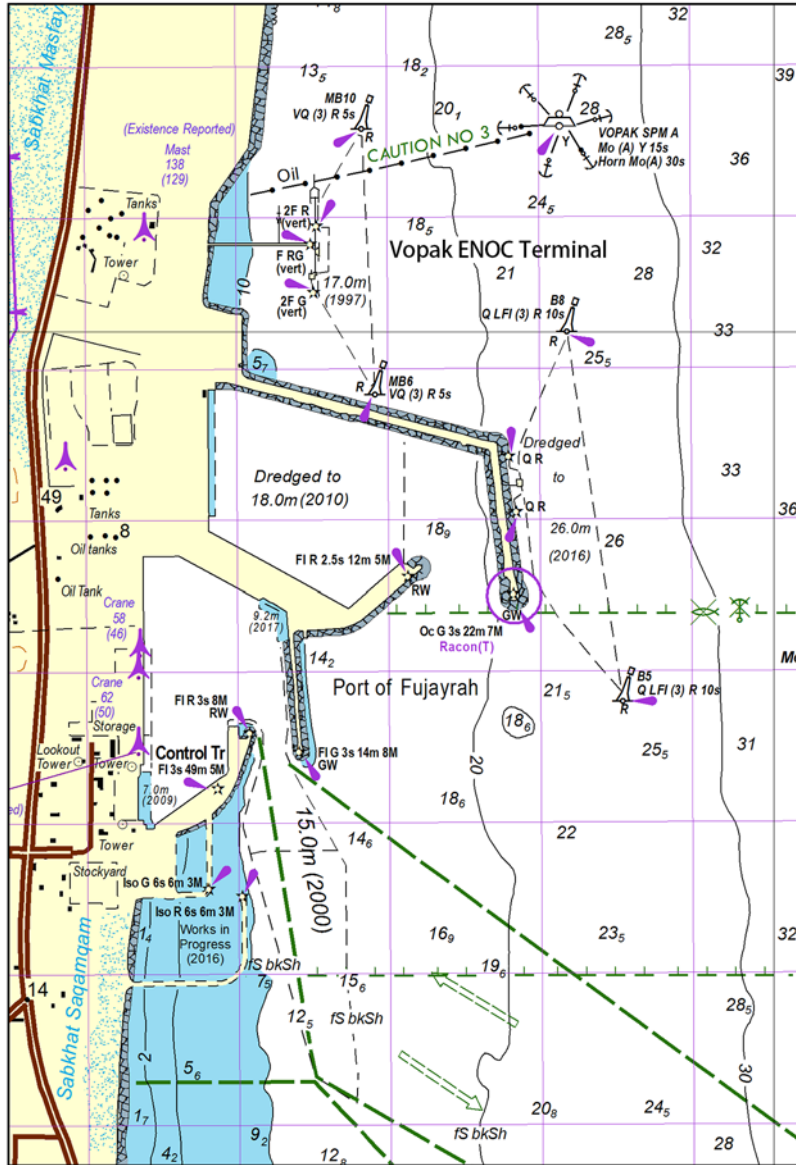


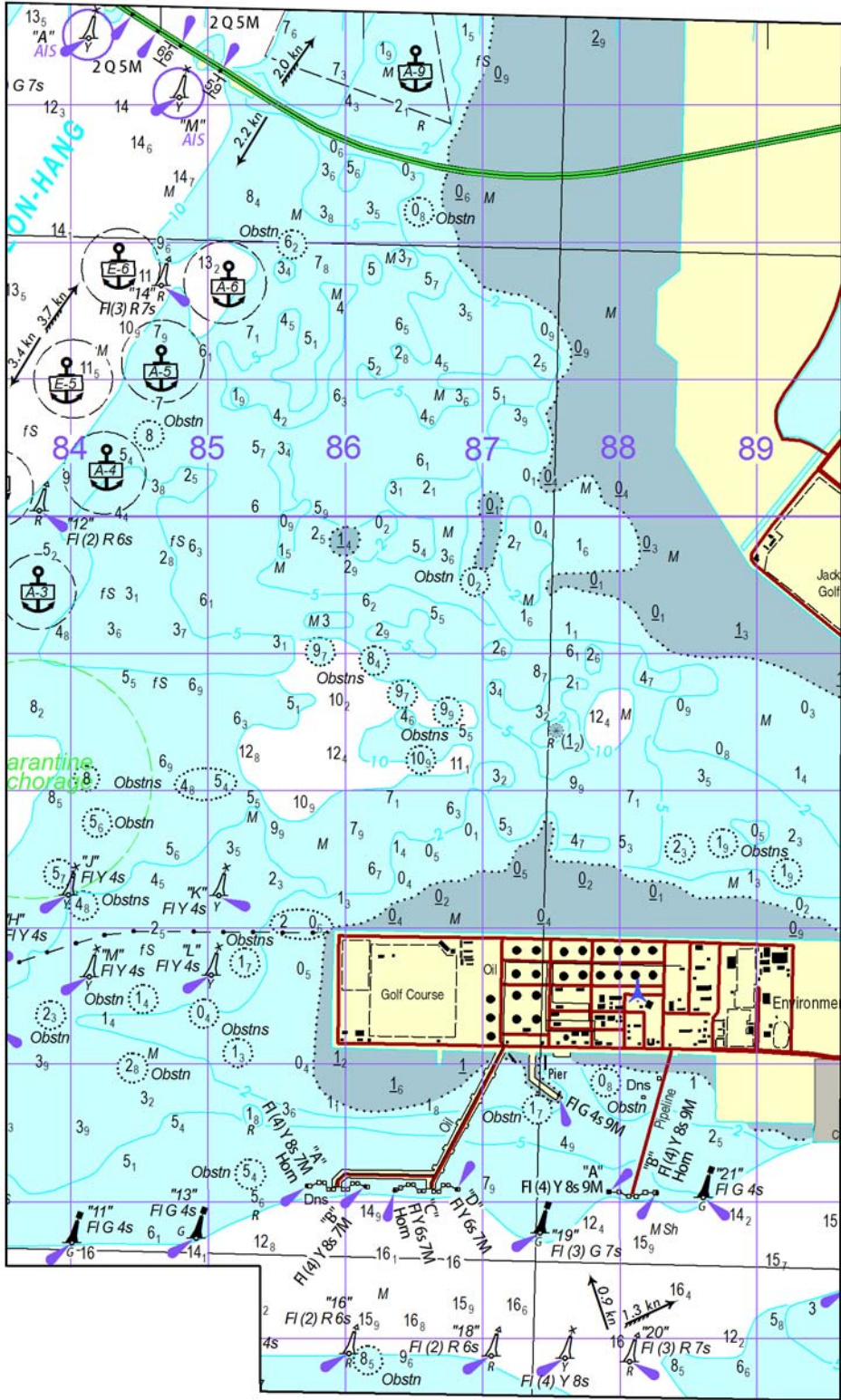
**SHOALWATER BAY MILITARY EXERCISE AREA**

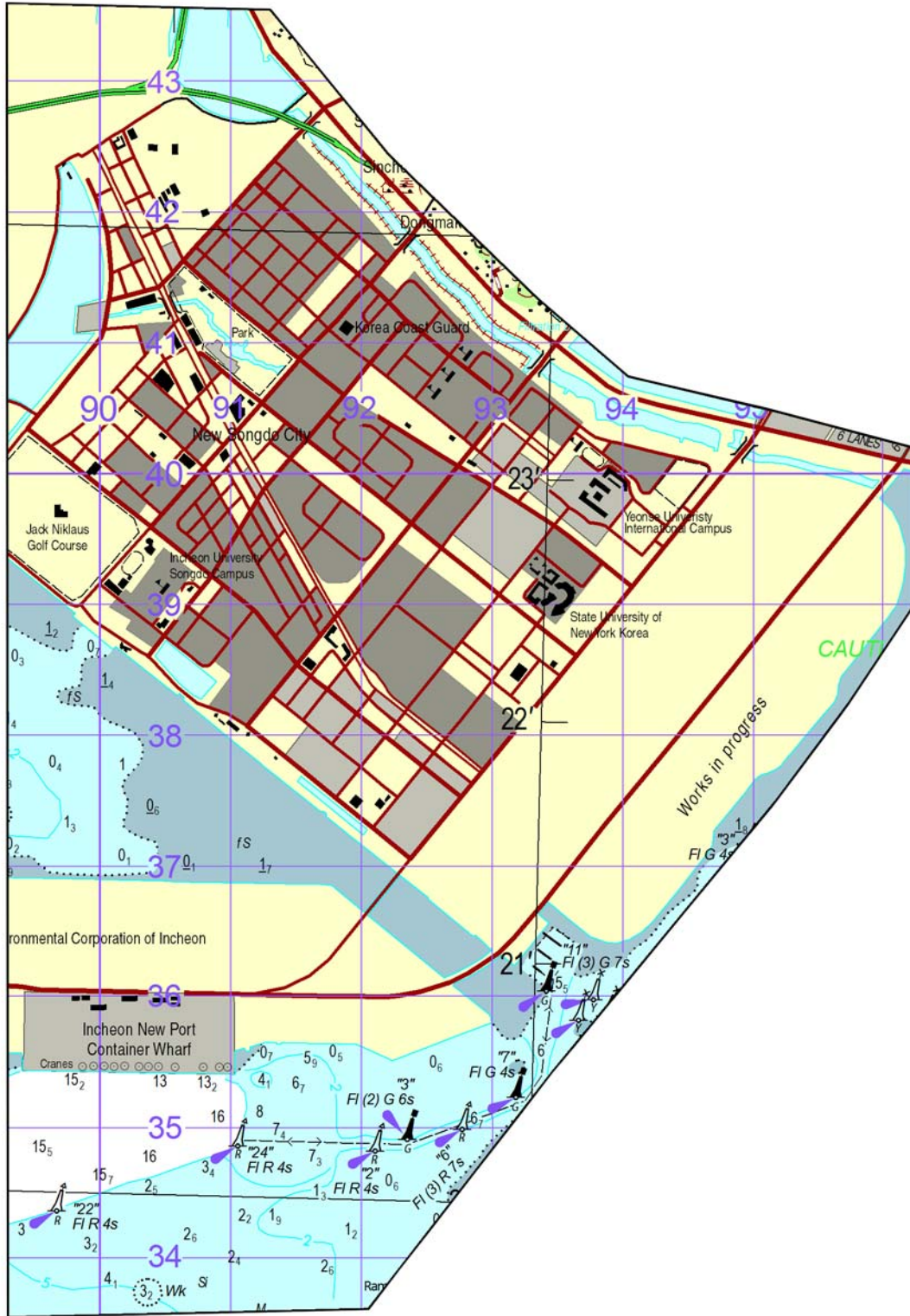
1. The waters within the area are closed to public access during the conduct of military exercises; closure will be advised by Notice to Mariners. However, all creeks within the area are permanently closed to public access. Shelter from storm or tempest may still be sought at Freshwater Bay, Port Clinton and Pearl Bay.
2. Shoalwater Bay and its approaches are within the limits of a firing danger area.

Chart 801208

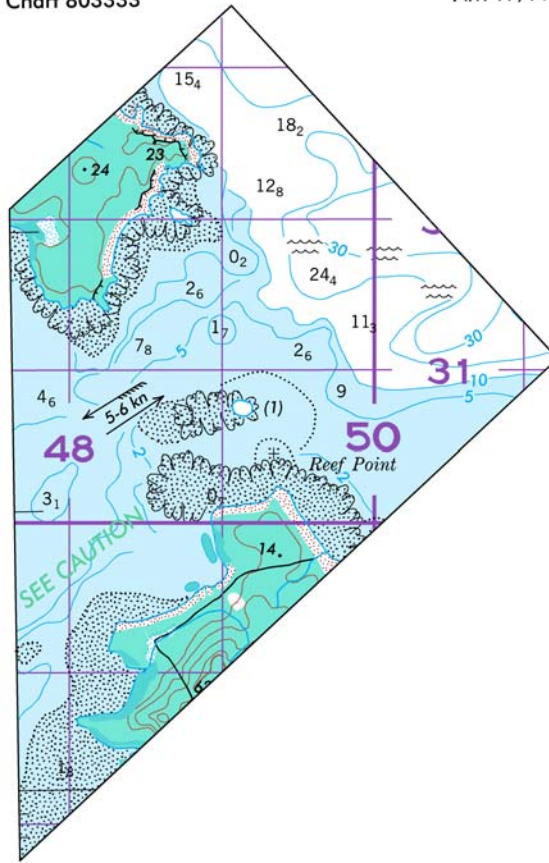
NM N50/18





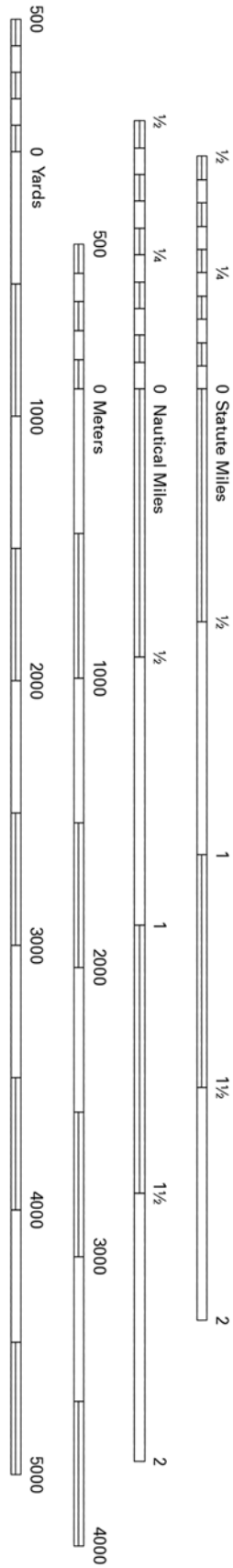




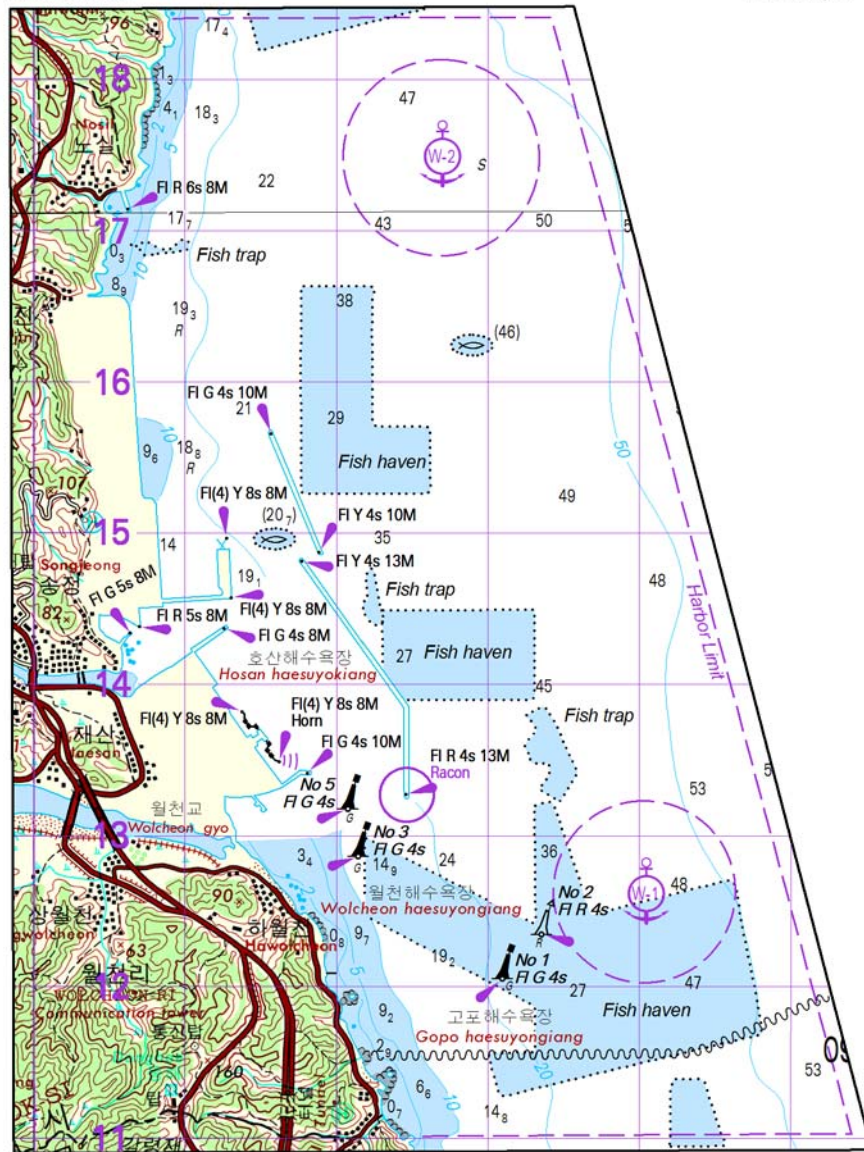


**SHOALWATER BAY MILITARY EXERCISE AREA**

1. The waters within the area are closed to public access during the conduct of military exercises; closure will be advised by Notice to Mariners. However, all creeks within the area are permanently closed to public access. Shelter from storm or tempest may still be sought at Freshwater Bay, Port Clinton and Pearl Bay.
2. Shoalwater Bay and its approaches are within the limits of a firing danger area.







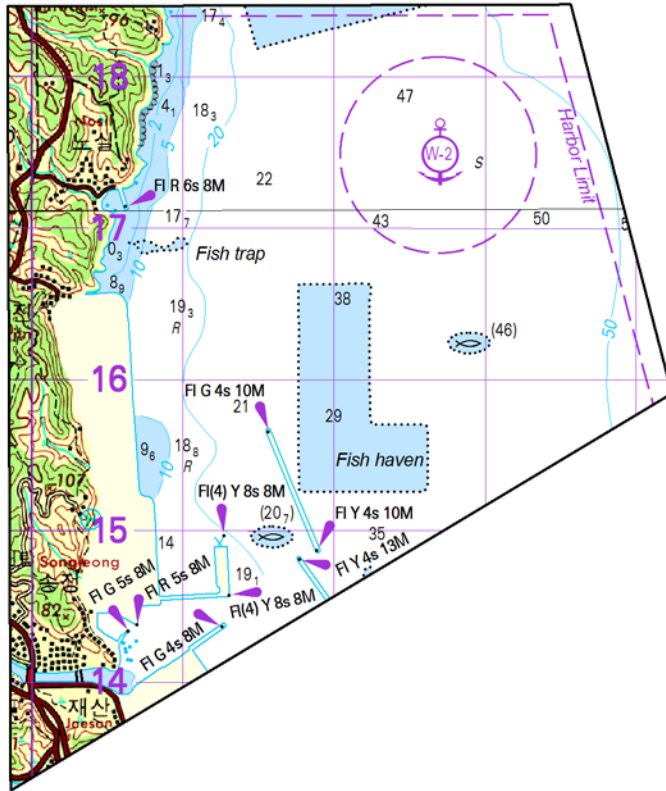


Chart 803658

NM N5/12

PENSACOLA HARBOR AND BAYOU CHICO CHANNELS							
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF AUG 2011 AND SURVEY OF AUG 2011							
CONTROLLING DEPTHS FROM SEAWARD IN METERS AT MEAN LOWER LOW WATER (MLLW)					PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (METERS)	LENGTH (MILES)	DEPTH MLLW (METERS)
PENSACOLA HARBOR							
BAY CHANNEL	10.0	10.0	10.0	8-11	91	2.7	10.0
WEST CHANNEL	8.3	8.3	8.4	8-11	91	1.3	10.0
EAST CHANNEL	9.4	9.7	9.1	8-11	91	0.8	10.0
HARBOR CHANNEL	8.5	8.3	7.0	8-11	151	0.9	10.0
BAYOU CHICO CHANNELS							
ENTRANCE CHANNEL	4.5	4.5	4.1	7-11	30	0.8	4.5
INNER CHANNEL	4.2	4.2	3.5	7-11	22	1.1	4.2
TURNING BASIN	2.1	3.0	2.7	7-11	151	-	4.2

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 803658

NM N19/12

PENSACOLA HARBOR ENTRANCE CHANNEL								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JAN 2012 AND SURVEY OF JAN 2012								
CONTROLLING DEPTHS FROM SEAWARD IN METERS AT MEAN LOWER LOW WATER (MLLW)					PROJECT DIMENSIONS			
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (METERS)	LENGTH (MILES)	DEPTH MLLW (METERS)
CAUCUS CHANNEL	10.6	10.6	10.6	10.6	11-10,1-12	A152	3.1	A10.6
BARRANCAS CHANNEL	10.6	10.6	10.6	10.6	10-11,1-12	A152	1.7	A10.6
PICKENS CHANNEL	13.2	13.8	13.8	B13.9	1-09,10	A152	2.8	A10.6

A. PROJECT DIMENSIONS OF 13.4 METERS FOR A WIDTH OF 243 METERS PROVIDED BY THE U.S. NAVY. AUTHORIZED USACE PROJECT IS 10.6 METERS FOR A WIDTH OF 152 METERS.

B. EXCEPT FOR A 13.1 METER OBSTRUCTION REPORTED BY AN NOS SURVEY AT 30°19'57.7" N, 087°16'39.3" W.

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

7. Mariners are advised not to anchor, trawl  
or fish in the vicinity of submarine cables.





COAST PILOT 2 (Continued)

Canal from Buzzards Bay. A racon is at the light station. A sound signal at the light is operated by keying the microphone five times consecutively on VHF-FM channel 83A. The railroad bridge over the canal at the village of Buzzards Bay and the highway bridge at Bourne are also prominent.  
(LNM 04/19 CG1) 12/19

Chapter 7—Paragraph 90; read:

<sup>(90)</sup> **Watch Hill Light** (41°18'14"N., 71°51'30"W.), 61 feet above the water, is shown from a square gray granite tower, 45 feet high, attached to a white building with a red roof, on **Watch Hill Point**. A sound signal at the light is operated by keying the microphone five times consecutively on VHF-FM channel 83A.  
(LNM 03/19 CG1) 12/19

**COAST PILOT 2 48 Ed 2019 10 MAR 2019**  
**LAST NM 12/19**

Chapter 2—Paragraph 3229; read:

<sup>(3229)</sup> (3) Marine Air Terminal, LaGuardia Airport Security Zone. All waters of Bowery Bay, Queens, New York, inside of a line drawn from the start of the Rikers Island Bridge in Queens at approximate position 40°46'37" N, 073°53'30" W to the intersecting point on the southern side of Rikers Island at approximate position 40°47'12" N, 073°53'06" W, then a line drawn east to the western end of LaGuardia Airport at approximate position 40°47'00" N, 073°52'44" W, then a line drawn south following the shoreline back to the point of origin at 40°46'37" N, 073°53'30" W (NAD 1983).  
(FR 3/1/2019) 13/19

**COAST PILOT 2 48 Ed 2019 17 MAR 2019**  
**LAST NM 13/19**

Chapter 2—Paragraphs 1800 to 1802; read:

<sup>(1800)</sup> (a) The draw of the Marine Parkway bridge, mile 3.0 over Rockaway Inlet, shall open on signal Monday through Friday from 8 a.m., to 4 p.m. At all other times, the draw shall open on signal if at least eight hours notice is given; however, the draw shall open on signal if at least a one hour notice is given for the passage of U.S. Navy or National Oceanic and Atmospheric Administration vessels.

<sup>(1801)</sup> <Deleted Paragraph>

<sup>(1802)</sup> (b) The draw of the Beach Channel railroad bridge shall open on signal; except that, the draw need not open for the passage of vessel traffic, 6:45 a.m. to 8:20 a.m. and 5 p.m. to 6:45 p.m., Monday through Friday, except Federal holidays.

(FR 3/8/2019) 14/19

**COAST PILOT 2 48 Ed 2019 31 MAR 2019**  
**LAST NM 14/19**

Chapter 9—Paragraph 214; read:

<sup>(214)</sup> **Great Captain Island Light** (40°58'57"N., 73°37'23"W.), 62 feet above the water, is shown from a skeleton tower with a red and white diamond-shaped dayboard on the southeast part of the island. A sound signal at the light is operated by keying the microphone five times consecu-

tively on VHF-FM channel 83A.

(LNM 12/19 CG1)

16/19

**COAST PILOT 2 48 Ed 2019 07 APR 2019**  
**LAST NM 16/19**

Chapter 6—Paragraph 88; read:

<sup>(88)</sup> **Beavertail Point** is the southern extremity of Conanicut Island, on the western side of the entrance to East Passage. **Beavertail Light** (41°26'58"N., 71°23'58"W.), 64 feet above the water, is shown from a square granite tower attached to a white dwelling at Beavertail Point. A sound signal at the light is operated by keying the microphone five times consecutively on VHF-FM channel 83A and a radar tower is north of the light. **Newton Rock**, a covered rock, is about 0.1 mile southward of the point; a bell buoy is about 0.2 mile southwestward of the rock.

(LNM 14/19 CG1)

17/19

Chapter 9—Paragraph 365; read:

<sup>(365)</sup> **Huntington Harbor**, at the southwest end of Huntington Bay, is entered through a marked channel that leads to an anchorage off Huntington Town Dock, about 2 miles above the channel entrance. A depth of about 8 feet can be carried in the channel. **Huntington Harbor Light** (40°54'39"N., 73°25'52"W.), 42 feet above the water and shown from a square concrete tower attached to a dwelling on a rectangular pier, is on the west side of the entrance to Huntington Harbor and on the south side of the entrance to Lloyd Harbor. A sound signal at the light is operated by keying the microphone five times consecutively on VHF-FM channel 83A.

(LNM 14/19 CG1)

17/19

**COAST PILOT 2 48 Ed 2019 14 APR 2019**  
**LAST NM 17/19**

Chapter 8—Paragraph 148; read:

<sup>(148)</sup> **Saybrook Breakwater Light** (41°15'48"N., 72°20'34"W.), 58 feet above the water, is shown from a white conical tower on a brown cylindrical pier on the south end of the west jetty at the entrance to Connecticut River. A sound signal at the light is operated by keying the microphone five times consecutively on VHF-FM channel 83A.

(LNM 13/19 CG1)

18/19

Chapter 11—Paragraph 177; replace with below:

<sup>(177)</sup> New graphic titled **Structures across Jamaica Bay and its Tributaries** from back of this Subsection.

(L 1081-2018; LNM 13/19 CG1)

18/19

**COAST PILOT 2 48 Ed 2019 21 APR 2019**  
**LAST NM 18/19**

Chapter 8—Paragraph 318; read:

<sup>(318)</sup> **Southwest Ledge Light** (41°14'04"N., 72°54'44"W.), 57 feet above the water, is shown from a white octagonal house on a brown cylindrical pier at the westerly end of East Breakwater. A sound signal at the light is operated by keying the microphone five times consecutively on VHF-FM

COAST PILOT 2 (Continued)

channel 83A.

(LNM 16/19 CG1) 19/19

**COAST PILOT 2 48 Ed 2019 19 MAY 2019  
LAST NM 19/19**

Chapter 7—Paragraph 105; read:

<sup>(105)</sup> **Race Rock Light** (41°14'37"N., 72°02'50"W.), 67 feet above the water, is shown from a granite tower attached to a dwelling on a granite pier on the rock. A sound signal at the light is operated by keying the microphone five times consecutively on VHF-FM channel 83A. The sound signal is reported at times to be inaudible when a vessel is approaching from eastward and is close southward of Fishers Island.

(LNM 19/19 CG1) 23/19

**COAST PILOT 2 48 Ed 2019 09 JUN 2019  
LAST NM 23/19**

Chapter 6—Paragraph 161; read:

<sup>(161)</sup> **Borden Flats**, the shoal area northward of the channel in Fall River Harbor is marked by a light.

(LNM 21/19 CG1) 26/19

Chapter 7—Paragraph 120; read:

<sup>(120)</sup> **Montauk Point Light** (41°04'15"N., 71°51'26"W.), 168 feet above the water, is shown from a white conical tower with a red band midway of its height and a covered way to a gray dwelling. A sound signal at the light is operated by keying the microphone five times consecutively on VHF-FM channel 83A.

(LNM 21/19 CG1) 26/19

Chapter 7—Paragraph 162; read:

<sup>(162)</sup> **Oyster Pond Reef**, extending about 0.5 mile east-northeastward from **Orient Point**, is marked by a light and sound signal. The sound signal at the light is operated by keying the microphone five times consecutively on VHF-FM channel 83A. Caution is recommended regarding the sound signal, as it may be difficult to hear at times, particularly with an easterly wind. Numerous boulders and little depth are between the light and Orient Point. **Midway Shoal**, about 0.5 mile east of the light, has 17 feet over it and is marked by a lighted buoy.

(LNM 21/19 CG1) 26/19

Chapter 7—Paragraph 285; read:

<sup>(285)</sup> **East Clump** is a cluster of rocks partly bare at high water and marked by a buoy about 0.8 mile north of Fishers Island. From East Clump for some 2.8 miles westward to North Dumpling, there are rocky islets and dangers that must be avoided. These are 0.5 to 0.8 mile off the Fishers Island shore, and most are buoyed. **North Dumpling**, an islet marked by a light and sound signal, is surrounded by rocks awash and foul ground. The sound signal at the light is operated by keying the microphone five times consecutively on VHF-FM channel 83A. **Seaflower Reef**, marked by a light, is near the middle of the western entrance of Fishers Island Sound and 0.8 mile northwestward of North Dumpling Light.

(LNM 21/19 CG1) 26/19

Chapter 8—Paragraph 56; read:

<sup>(56)</sup> **New London Ledge Light** (41°18'21"N., 72°04'39"W.), 58 feet above the water, is shown from a red brick building on a square white pier on the west side of New London Ledge. A sound signal at the light is operated by keying the microphone five times consecutively on VHF-FM channel 83A.

(LNM 21/19 CG1) 26/19

Chapter 9—Paragraph 97; read:

<sup>(97)</sup> **Penfield Reef Light** (41°07'02"N., 73°13'20"W.), 51 feet above the water, is shown from a white tower on a granite dwelling on a pier, on the south side of the reef, south of the entrance to Black Rock Harbor. A sound signal at the light is operated by keying the microphone five times consecutively on VHF-FM channel 83A.

(LNM 21/19 CG1) 26/19

**COAST PILOT 2 48 Ed 2019 16 JUN 2019  
LAST NM 26/19**

Chapter 10—Paragraph 55; read:

<sup>(55)</sup> **Moriches Inlet**, 44 miles westward of Montauk Point, is a shallow entrance from seaward to the deeper water in Moriches Bay. Weather continuously changes the jettied entrance, which is subject to extreme shoaling. Both east and west jetties are marked by a light, and the approach to the inlet is marked by a lighted whistle buoy. In 2019, significant erosion observed along the shoreline and exposed riprap mounds in the area of 40°46'11"N., 72°44'33"W. Due to rapidly changing shoaling conditions and existing dangers in Moriches Inlet, it is considered unsafe for mariners to navigate this inlet at any time. Buoys are not maintained in this inlet.

(DD 30987) 27/19

**COAST PILOT 2 48 Ed 2019 07 JUL 2019  
LAST NM 27/19**

Chapter 2—Paragraphs 1651 to 1657; read:

<sup>(1651)</sup> **§117.622 Weymouth Fore River**

<sup>(1652)</sup> The draw of the Quincy Weymouth SR3A bridge, mile 3.5 between Quincy Point and North Weymouth, Massachusetts, shall open on signal, except that:

<sup>(1653)</sup> (a) From 6:30 a.m. to 9 a.m. and from 4:30 p.m. to 6:30 p.m., Monday through Friday, except holidays observed in the locality, the draw need not be opened.

<sup>(1654)</sup> (b) The draw shall open on signal at all times for self-propelled vessels greater than 10,000 gross tons.

<sup>(1655)</sup> (c) From noon to 6 p.m. on Thanksgiving Day, from 6 p.m. on December 24 to midnight on December 25, and from 6 p.m. on December 31 to midnight on January 1, the draw shall open on signal after at least a two-hour advance notice is given by calling the number posted at the bridge.

<sup>(1656)</sup> <Deleted Paragraph>

<sup>(1657)</sup> <Deleted Paragraph>

(FR 6/28/2019) 31/19



COAST PILOT 2 (Continued)

Chapter 2—Paragraphs 2384 to 2387; read:

<sup>(2384)</sup> **§161.17 [Removed and Reserved]**

<sup>(2385)</sup> <Deleted Paragraph>

<sup>(2386)</sup> <Deleted Paragraph>

<sup>(2387)</sup> <Deleted Paragraph>

(FR 6/28/2019)

31/19

**COAST PILOT 2      48 Ed 2019      14 JUL 2019**

Chapter 2—Paragraph 1754; read:

<sup>(1754)</sup> (a) The draw shall open on signal at all times; except that, from the Friday before Memorial Day through Labor Day, on Friday, Saturday, Sunday and holidays, between 9 a.m. and 7 p.m., the draw need only open on the hour.

(FR 7/9/2019)

31/19

**COAST PILOT 3      52 Ed 2019      NEW EDITION**  
(NOS) 08/19

**COAST PILOT 3      52 Ed 2019      17 FEB 2019**  
LAST NM 08/19

Chapter 2—Paragraphs 2552.001 to 2552.012; read:

<sup>(2552.001)</sup> **§165.557 Security Zone; Potomac River, Montgomery County, MD.**

<sup>(2552.002)</sup> **§165.557 Security Zone; Potomac River, Montgomery County, MD.**

<sup>(2552.003)</sup> (a) Definitions. As used in this section:

<sup>(2552.004)</sup> Captain of the Port Maryland-National Capital Region means the Commander, U.S. Coast Guard Sector Maryland-National Capital Region or any Coast Guard commissioned, warrant or petty officer who has been authorized by the Captain of the Port to act on his or her behalf.

<sup>(2552.005)</sup> Designated representative means a Coast Guard commissioned, warrant, or petty officer who has been authorized by the Captain of the Port Maryland-National Capital Region to enforce the security zone described in paragraph (a) of this section.

<sup>(2552.006)</sup> Public vessel has the same meaning as that term is defined under 46 U.S.C. 2101.

<sup>(2552.007)</sup> (b) Location. The following area is a security zone: All navigable waters of the Potomac River, from shoreline to shoreline, within an area bounded on the east by a line connecting the following points: latitude 39°04'02"N., longitude 077°19'48"W., thence south to latitude 39°03'39"N., longitude 077°20'02"W., and bounded on the west by longitude 077°22'06"W., located in Montgomery County, MD. Coordinates used in this section are based on NAD83.

<sup>(2552.008)</sup> (c) Regulations. The general security zone regulations found in **§165.33** apply to the security zone created by this section.

<sup>(2552.009)</sup> (1) Except for public vessels, entry into or remaining in the security zone described in paragraph (a) of this section is prohibited unless authorized by the Coast Guard Captain of the Port Maryland-National Capital Region. All vessels within the security zone at the time this regulation is enforced shall depart the zone immediately.

<sup>(2552.010)</sup> (2) Persons and vessel operators who intend to enter or transit the security zone while the zone is being enforced must obtain authorization from the Captain of the Port Maryland-National Capital Region or designated representative. Access to the zone will be determined in consultation with the lead federal agency on a case-by-case basis when the zone is enforced. To request permission to enter or transit the security zone, the Captain of the Port Maryland-National Capital Region or designated representatives can be contacted at telephone number 410-576-2693 or on marine band radio, VHF-FM channel 16 (156.8 MHz). Coast Guard vessels that enforce this section can be contacted on marine band radio, VHF-FM channel 16 (156.8 MHz). The operator of a vessel shall proceed as directed upon being hailed by a U.S. Coast Guard vessel, or other Federal, State, or local law enforcement agency vessel, by siren, radio, flashing light, or other means. When authorized by the Coast Guard to enter the security zone all persons and vessels must comply with the instructions of the Captain of the Port Maryland-National Capital Region or designated representative and proceed at the minimum speed necessary to maintain a safe course while within the security zone.

<sup>(2552.011)</sup> (3) The U.S. Coast Guard may be assisted by federal, state, and local law enforcement agencies in the patrol and enforcement of the security zone described in paragraph (a) of this section.

<sup>(2552.012)</sup> (d) Enforcement. The Captain of the Port Maryland-National Capital Region will provide the affected segments of the public with notice of enforcement of security zone by Broadcast Notice to Mariners (BNM), Local Notice to Mariners, and on-scene notice by designated representative or other appropriate means in accordance with **33 CFR 165.7**.

(FR 7/10/2017; L 584-2017)

10/19

Chapter 13—Paragraphs 109 to 109.004; read:

<sup>(109)</sup> A **naval deep-draft anchorage** is southeast of Greenbury Point, and several smaller **naval anchorages** and **prohibited anchorages** are west and northwest of the point. (See **33 CFR 110.1** and **110.159**, Chapter 2, for limits and regulations.) Proper advanced application must be made at least twenty-four (24) hours prior to the planned anchoring. Submit application to the Chairman, Department of Seamanship and Navigation (SEANAV) via email: [usna-port-ops-group@usna.edu](mailto:usna-port-ops-group@usna.edu). Applications should include the following information:

<sup>(109.001)</sup> (a) Name and type of vessel, call sign or official number, and registry;

<sup>(109.002)</sup> (b) Position (both GPS coordinates and precise anchor circle depicted on NOS chart 12282);

<sup>(109.003)</sup> (c) Dates and times (estimated arrival and departure); and

<sup>(109.004)</sup> (d) Name and 24-hour contact information for the person in charge of the anchored vessel. The application will normally be considered on a case-by-case basis. Of particular note, applicants should refrain from requesting to anchor within the circle designated on NOS chart 12282 as Anchorage A.

(IDMS 33155)

10/19



COAST PILOT 3 (Continued)

**COAST PILOT 3      52 Ed 2019      09 JUN 2019**  
**LAST NM 10/19**

Chapter 9—Paragraph 117; read:

<sup>(117)</sup> Thimble Shoal Light (37°00'52"N., 76°14'23"W.) is extinguished and the abandoned light house remains on the eastern edge of the shoal. Thimble Shoal is the southern edge of **Horseshoe**, described in Chapter 11.  
(LNM 21/19 CG5) 26/19

Chapter 13—Paragraph 146; read:

<sup>(146)</sup> **Sandy Point Shoal Light** (39°00'57"N., 76°23'04"W.) is extinguished. The red brick house with a white roof, on a brown cylindrical pier structure still remains 51 feet above the water about 0.4 mile northeastward of Sandy Point. The light house structure is about 0.5 mile west of a point on the bay ship channel 131.5 miles above the Capes.  
(LNM 23/19 CG5) 26/19

**COAST PILOT 3      52 Ed 2019      16 JUN 2019**  
**LAST NM 26/19**

Chapter 10—Paragraph 9; read:

<sup>(9)</sup> The Federal project for James River provides for depths from the Richmond Deepwater Terminal and in the Richmond Deepwater Terminal Turning Basin, 74 miles above the mouth, thence to the Richmond Harbor Turning Basin, 77 miles above the mouth, and thence to the Richmond Lock at Richmond, 78 miles above the mouth. The river is well marked. For detailed channel information and minimum depths as reported by the U.S. Army Corps of Engineers (USACE), use NOAA Electronic Navigational Charts. Surveys and channel condition reports are available through a USACE hydrographic survey website listed in Appendix A.  
(L 188-2019; NOS 12248; NOS 12251) 27/19

**COAST PILOT 3      52 Ed 2019      07 JUL 2019**  
**LAST NM 27/19**

Chapter 10—Paragraph 58; read:

<sup>(58)</sup> **Deep Water Shoals Warning Light** (37°08'55"N., 76°38'13"W.), Mile 16.9E, 15 feet above the water, is shown from a pile with a white and orange diamond-shaped day-mark worded DANGER, in depths of 2 feet.  
(LL 2019) 31/19

**COAST PILOT 3      52 Ed 2019      14 JUL 2019**

Chapter 2—Paragraph 3; replace with below:

New **CFR Title List** table from back of this Subsection.  
(FR 7/8/2019) 31/19

Chapter 2—Paragraph 5; read:

<sup>(5)</sup> **National Oceanic and Atmospheric Administration**  
—15 CFR 922, and 50 CFR 222, 224 and 226  
(FR 7/8/2019) 31/19

Chapter 2—Paragraphs 7.992 to 7.993; read:

<sup>(7.992)</sup> **TITLE 15—COMMERCE AND FOREIGN TRADE**

<sup>(7.993)</sup> Part 922—National Marine Sanctuary Program  
Regulations  
(FR 7/8/2019) 31/19

Chapter 2—Paragraphs 7.995 to 8.063; read:

<sup>(7.995)</sup> **§922.1 Applicability of regulations in this part.**

<sup>(7.996)</sup> Unless noted otherwise, the regulations in subparts A, D, and E of this part apply to all National Marine Sanctuaries and related site-specific regulations set forth in this part. Subparts B and C of this part apply to the sanctuary nomination process and to the designation of future Sanctuaries.

<sup>(7.997)</sup> **§922.2 Mission, goals, and special policies**

<sup>(7.998)</sup> (a) In accordance with the standards set forth in title III of the Marine Protection, Research, and Sanctuaries Act of 1972, as amended, also known as the National Marine Sanctuaries Act (Act) the mission of the National Marine Sanctuary program (Program) is to identify, designate and manage areas of the marine environment of special national, and in some cases international, significance due to their conservation, recreational, ecological, historical, research, educational, or aesthetic qualities.

<sup>(7.999)</sup> (b) The goals of the Program are to carry out the mission to:

<sup>(8)</sup> (1) Identify and designate as National Marine Sanctuaries areas of the marine environment which are of special national significance;

<sup>(8.001)</sup> (2) Provide authority for comprehensive and coordinated conservation and management of these marine areas, and activities affecting them, in a manner which complements existing regulatory authorities;

<sup>(8.002)</sup> (3) Support, promote, and coordinate scientific research on, and monitoring of, the resources of these marine areas, especially long-term monitoring and research of these areas;

<sup>(8.003)</sup> (4) Enhance public awareness, understanding, appreciation, and wise use of the marine environment;

<sup>(8.004)</sup> (5) Facilitate to the extent compatible with the primary objective of resource protection, all public and private uses of the resources of these marine areas not prohibited pursuant to other authorities;

<sup>(8.005)</sup> (6) Develop and implement coordinated plans for the protection and management of these areas with appropriate Federal agencies, State and local governments, Native American tribes and organizations, international organizations, and other public and private interests concerned with the continuing health and resilience of these marine areas;

<sup>(8.006)</sup> (7) Create models of, and incentives for, ways to conserve and manage these areas;

## COAST PILOT 3 (Continued)

<sup>(8.007)</sup> (8) Cooperate with global programs encouraging conservation of marine resources; and

<sup>(8.008)</sup> (9) Maintain, restore, and enhance living resources by providing places for species that depend upon these marine areas to survive and propagate.

<sup>(8.009)</sup> (c) To the extent consistent with the policies set forth in the Act, in carrying out the Program's mission and goals:

<sup>(8.010)</sup> (1) Particular attention will be given to the establishment and management of marine areas as National Marine Sanctuaries for the protection of the area's natural resource and ecosystem values; particularly for ecologically or economically important or threatened species or species assemblages, and for offshore areas where there are no existing special area protection mechanisms;

<sup>(8.011)</sup> (2) The size of a National Marine Sanctuary, while highly dependent on the nature of the site's resources, will be no larger than necessary to ensure effective management;

<sup>(8.012)</sup> (d) Management efforts will be coordinated to the extent practicable with other countries managing marine protected areas;

<sup>(8.013)</sup> (e) Program regulations, policies, standards, guidelines, and procedures under the Act concerning the identification, evaluation, registration, and treatment of historical resources shall be consistent, to the extent practicable, with the declared national policy for the protection and preservation of these resources as stated in the National Historic Preservation Act of 1966, 16 U.S.C. 470 et seq., the Archeological and Historical Preservation Act of 1974, 16 U.S.C. 469 et seq., and the Archeological Resources Protection Act of 1979 (ARPA), 16 U.S.C. 470aa et seq. The same degree of regulatory protection and preservation planning policy extended to historical resources on land shall be extended, to the extent practicable, to historical resources in the marine environment within the boundaries of designated National Marine Sanctuaries. The management of historical resources under the authority of the Act shall be consistent, to the extent practicable, with the Federal archeological program by consulting the Uniform Regulations, ARPA (43 CFR part 7) and other relevant Federal regulations. The Secretary of the Interior's Standards and Guidelines for Archeology may also be consulted for guidance. These guidelines are available from the Office of Ocean and Coastal Management at (301) 713-3125.

### <sup>(8.014)</sup> §922.3 Definitions.

<sup>(8.015)</sup> Act means title III of the Marine Protection, Research, and Sanctuaries Act of 1972, as amended, 16 U.S.C. 1431 et seq., also known as the National Marine Sanctuaries Act.

<sup>(8.016)</sup> Assistant Administrator means the Assistant Administrator for Ocean Services and Coastal Zone Management, National Oceanic and Atmospheric Administration (NOAA), or designee.

<sup>(8.017)</sup> Benthic community means the assemblage of organisms, substrate, and structural formations found at or near the bottom that is periodically or permanently covered by water.

<sup>(8.018)</sup> Commercial fishing means any activity that results in the sale or trade for intended profit of fish, shellfish, algae, or corals.

<sup>(8.019)</sup> Conventional hook and line gear means any fishing apparatus operated aboard a vessel and composed of a single line terminated by a combination of sinkers and hooks or lures and spooled upon a reel that may be hand- or electrically operated, hand-held or mounted. This term does not include bottom longlines. <sup>(8.020)</sup> Cultural resources means any historical or cultural feature, including archaeological sites, historic structures, shipwrecks, and artifacts.

<sup>(8.021)</sup> Director means, except where otherwise specified, the Director of the Office of Ocean and Coastal Resource Management, NOAA, or designee.

<sup>(8.022)</sup> Exclusive economic zone means the exclusive economic zone as defined in the Magnuson Fishery Conservation and Management Act, 16 U.S. 1801 et seq.

<sup>(8.023)</sup> Fish wastes means waste materials resulting from commercial fish processing operations.

<sup>(8.024)</sup> Historical resource means any resource possessing historical, cultural, archaeological or paleontological significance, including sites, contextual information, structures, districts, and objects significantly associated with or representative of earlier people, cultures, maritime heritage, and human activities and events. Historical resources include "submerged cultural resources", and also include "historical properties," as defined in the National Historic Preservation Act, as amended, and its implementing regulations, as amended.

<sup>(8.025)</sup> Indian tribe means any American Indian tribe, band, group, or community recognized as such by the Secretary of the Interior.

<sup>(8.026)</sup> Injure means to change adversely, either in the short or long term, a chemical, biological or physical attribute of, or the viability of. This includes, but is not limited to, to cause the loss of or destroy.

<sup>(8.027)</sup> Inventory means a list of nominated areas selected by the Director as qualifying for future consideration of designation as a national marine sanctuary.

<sup>(8.028)</sup> Lightering means at-sea transfer of petroleum-based products, materials, or other matter from vessel to vessel.

<sup>(8.029)</sup> Marine means those areas of coastal and ocean waters, the Great Lakes and their connecting waters, and submerged lands over which the United States exercises jurisdiction, including the exclusive economic zone, consistent with international law.

<sup>(8.030)</sup> Mineral means clay, stone, sand, gravel, metalliferous ore, non-metalliferous ore, or any other solid material or other matter of commercial value.

<sup>(8.031)</sup> National historic landmark means a district, site, building, structure or object designated as such by the Secretary of the Interior under the National Historic Landmarks

## COAST PILOT 3 (Continued)

Program (36 CFR part 65).

(8.032) National Marine Sanctuary means an area of the marine environment of special national significance due to its resource or human-use values, which is designated as such to ensure its conservation and management.

(8.033) Person means any private individual, partnership, corporation or other entity; or any officer, employee, agent, department, agency or instrumentality of the Federal government, of any State or local unit of government, or of any foreign government.

(8.034) Regional Fishery Management Council means any fishery council established under section 302 of the Magnuson Fishery Conservation and Management Act, 16 U.S.C. 1801 et seq.

(8.035) Sanctuary quality means any of those ambient conditions, physical-chemical characteristics and natural processes, the maintenance of which is essential to the ecological health of the Sanctuary, including, but not limited to, water quality, sediment quality and air quality.

(8.036) Sanctuary resource means any living or non-living resource of a National Marine Sanctuary that contributes to the conservation, recreational, ecological, historical, research, educational, or aesthetic value of the Sanctuary, including, but not limited to, the substratum of the area of the Sanctuary, other submerged features and the surrounding seabed, carbonate rock, corals and other bottom formations, coralline algae and other marine plants and algae, marine invertebrates, brinaseep biota, phytoplankton, zooplankton, fish, seabirds, sea turtles and other marine reptiles, marine mammals and historical resources. For Thunder Bay National Marine Sanctuary and Underwater Preserve, Sanctuary resource means an underwater cultural resource as defined at §922.191. For Mallows Bay-Potomac River National Marine Sanctuary, Sanctuary resource is defined at §922.201(a).

(8.037) Secretary means the Secretary of the United States Department of Commerce, or designee.

(8.038) Shunt means to discharge expended drilling cuttings and fluids near the ocean seafloor.

(8.039) State means each of the several States, the District of Columbia, the Commonwealth of Puerto Rico, the Commonwealth of the Northern Mariana Islands, American Samoa, the United States Virgin Islands, Guam, and any other commonwealth, territory, or possession of the United States.

(8.040) Subsistence use means the customary and traditional use by rural residents of areas near or in the marine environment for direct personal or family consumption as food, shelter, fuel, clothing, tools, or transportation; for the making and selling of handicraft articles; and for barter, if for food or non-edible items other than money, if the exchange is of a limited and non-commercial nature.

(8.041) Take or taking means: (1) For any marine mammal, sea turtle, or seabird listed as either endangered or threatened pursuant to the Endangered Species Act, to harass, harm, pursue, hunt, shoot, wound, kill, trap, capture, collect or injure, or to attempt to engage in any such conduct; (2) For any other marine mammal, sea turtle, or seabird, to harass, hunt, capture, kill, collect or injure, or to attempt to engage in any such conduct. For the purposes of both (1) and (2) of this definition, this includes, but is not limited to, to collect

any dead or injured marine mammal, sea turtle or seabird, or any part thereof; to restrain or detain any marine mammal, sea turtle or seabird, or any part thereof, no matter how temporarily; to tag any sea turtle, marine mammal or seabird; to operate a vessel or aircraft or to do any other act that results in the disturbance or molestation of any marine mammal, sea turtle or seabird.

(8.042) Tropical fish means fish or minimal sport and food value, usually brightly colored, often used for aquaria purposes and which lives in a direct relationship with live bottom communities.

(8.043) Vessel means a watercraft of any description capable of being used as a means of transportation in/on the waters of a Sanctuary.

### (8.044) **§922.4 Effect of National Marine Sanctuary designation.**

(8.045) The designation of a National Marine Sanctuary, and the regulations implementing it, are binding on any person subject to the jurisdiction of the United States. Designation does not constitute any claim to territorial jurisdiction on the part of the United States for designated sites beyond the U.S. territorial sea, and the regulations implementing the designation shall be applied in accordance with generally recognized principles of international law, and in accordance with treaties, conventions, and other agreements to which the United States is a party. No regulation shall apply to a person who is not a citizen, national, or resident alien of the United States, unless in accordance with:

(8.046) (a) Generally recognized principles of international law;

(8.047) (b) An agreement between the United States and the foreign state of which the person is a citizen; or

(8.048) (c) An agreement between the United States and the flag state of the foreign vessel, if the person is a crew member of the vessel.

### (8.049) **Subpart B—SANCTUARY NOMINATION PROCESS**

#### (8.050) **§922.10 General.**

(8.051) (a) Nomination process. The sanctuary nomination process (see National Marine Sanctuaries Web site [www.sanctuaries.noaa.gov](http://www.sanctuaries.noaa.gov)) is the means by which the public can submit areas of the marine and Great Lakes environments for consideration by NOAA as a national marine sanctuary.

(8.052) (b) National significance criteria. The Director will consider the following in determining if a nominated area is of special national significance:

(8.053) (1) The area's natural resources and ecological qualities are of special significance and contribute to: Biological productivity or diversity; maintenance or enhancement of ecosystem structure and function; maintenance of ecologically or commercially important species or species assemblages; maintenance or enhancement of critical hab-

COAST PILOT 3 (Continued)

itat, representative biogeographic assemblages, or both; or maintenance or enhancement of connectivity to other ecologically significant resources.

<sup>(8.054)</sup> (2) The area contains submerged maritime heritage resources of special historical, cultural, or archaeological significance, that: Individually or collectively are consistent with the criteria of eligibility or listing on the National Register of Historic Places; have met or which would meet the criteria for designation as a National Historic Landmark; or have special or sacred meaning to the indigenous people of the region or nation.

<sup>(8.055)</sup> (3) The area supports present and potential economic uses, such as: Tourism; commercial and recreational fishing; subsistence and traditional uses; diving; and other recreational uses that depend on conservation and management of the area's resources.

<sup>(8.056)</sup> (4) The publicly-derived benefits of the area, such as aesthetic value, public recreation, and access to places depend on conservation and management of the area's resources.

<sup>(8.057)</sup> (c) Management considerations. The Director will consider the following in determining the manageability of a nominated area:

<sup>(8.058)</sup> (1) The area provides or enhances opportunities for researching marine science, including marine archaeology.

<sup>(8.059)</sup> (2) The area provides or enhances opportunities for education, including the understanding and appreciation of the marine and Great Lakes environments.

<sup>(8.060)</sup> (3) Adverse impacts from current or future uses and activities threaten the area's significance, values, qualities, and resources.

<sup>(8.061)</sup> (4) A national marine sanctuary would provide unique conservation and management value for this area that also have beneficial values for adjacent areas.

<sup>(8.062)</sup> (5) The existing regulatory and management authorities for the area could be supplemented or complemented to meet the conservation and management goals for the area.

<sup>(8.063)</sup> **Subpart B—Sanctuary Nomination Process**  
(FR 7/8/2019) 31/19

Chapter 11—Paragraph 32; read:

<sup>(32)</sup> The **Thorofare** is a shallow channel that leads between Back Creek and York River. It is marked a series of warning daybeacons and is not recommended.

(LL 2019; NOS 12238) 31/19

Chapter 11—Paragraph 90; read:

<sup>(90)</sup> **Davis Creek**, 1.6 miles northwest of New Point Comfort, has a channel leading to a public landing in the western arm about 0.8 mile above the entrance. The channel is shoal in several places and is marked by warning daybeacons. Several wharves are on the shore in the upper part of the creek;

gasoline and diesel fuel are available.  
(LL 2019; NOS 12238) 31/19

Chapter 11—Paragraph 103; read:

<sup>(103)</sup> **Winter Harbor** is entered through a dredged channel that leads to a turning basin and public landing, 1.5 miles above the entrance. In 2016, the channel was obstructed by a shoal encroaching from the north side of the harbor mouth. Commerce in the harbor consists chiefly of fish and shellfish.

(LL 2019) 31/19

**COAST PILOT 3 52 Ed 2019 21 JUL 2019**  
**LAST NM 31/19**

Chapter 2—Paragraphs 8.050 to 8.062; read:

<sup>(8.050)</sup><Deleted Paragraph Header>

<sup>(8.051)</sup><Deleted Paragraph>

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<sup>(8.061)</sup><Deleted Paragraph>

<sup>(8.062)</sup><Deleted Paragraph>

(NOS 2019) 32/19

Chapter 2—Paragraphs 8.064 to 8.077; read:

<sup>(8.064)</sup>§**922.10 General.**

<sup>(8.065)</sup> (a) Nomination process. The sanctuary nomination process (see National Marine Sanctuaries Web site [www.sanctuaries.noaa.gov](http://www.sanctuaries.noaa.gov)) is the means by which the public can submit areas of the marine and Great Lakes environments for consideration by NOAA as a national marine sanctuary.

<sup>(8.066)</sup> (b) National significance criteria. The Director will consider the following in determining if a nominated area is of special national significance:

<sup>(8.067)</sup> (1) The area's natural resources and ecological qualities are of special significance and contribute to: Biological productivity or diversity; maintenance or enhancement of ecosystem structure and function; maintenance of ecologically or commercially important species or species assemblages; maintenance or enhancement of critical habitat, representative biogeographic assemblages, or both; or maintenance or enhancement of connectivity to other ecologically significant resources.

<sup>(8.068)</sup> (2) The area contains submerged maritime heritage resources of special historical, cultural, or archaeological significance, that: Individually or collectively are consistent with the criteria of eligibility or listing on the National Register of Historic Places; have met or which would meet the criteria for designation as a National Historic Landmark; or have special or sacred meaning to the indigenous

COAST PILOT 3 (Continued)

people of the region or nation.

<sup>(8.069)</sup> (3) The area supports present and potential economic uses, such as: Tourism; commercial and recreational fishing; subsistence and traditional uses; diving; and other recreational uses that depend on conservation and management of the area's resources.

<sup>(8.070)</sup> (4) The publicly-derived benefits of the area, such as aesthetic value, public recreation, and access to places depend on conservation and management of the area's resources.

<sup>(8.071)</sup> (c) Management considerations. The Director will consider the following in determining the manageability of a nominated area:

<sup>(8.072)</sup> (1) The area provides or enhances opportunities for research in marine science, including marine archaeology.

<sup>(8.073)</sup> (2) The area provides or enhances opportunities for education, including the understanding and appreciation of the marine and Great Lakes environments.

<sup>(8.074)</sup> (3) Adverse impacts from current or future uses and activities threaten the area's significance, values, qualities, and resources.

<sup>(8.075)</sup> (4) A national marine sanctuary would provide unique conservation and management value for this area that also have beneficial values for adjacent areas.

<sup>(8.076)</sup> (5) The existing regulatory and management authorities for the area could be supplemented or complemented to meet the conservation and management goals for the area.

<sup>(8.077)</sup> (6) There are commitments or possible commitments for partnerships opportunities such as cost sharing, office space or exhibit space, vessel time, or other collaborations to aid conservation or management programs for the area.

(FR 7/8/19) 32/19

**COAST PILOT 4 50 Ed 2018 NEW EDITION**  
(NOS) 38/18

**COAST PILOT 4 50 Ed 2018 11 NOV 2018**  
**LAST NM 38/18**

Chapter 7—Paragraph 127; read:

<sup>(127)</sup> **Calibogue Sound** is entered between Hilton Head Island and **Daufuskie Island**, about 5 miles northward of Tybee Light (32°01'20"N., 80°50'44"W.). The entrance over the bar is obstructed by shifting shoals through which are several crooked channels. The best channel extends from Tybee Roads northward between Bloody Point Range Front Light and the northwest end of the submerged breakwater 1.9 miles northeast of Tybee Light. The channel into the sound is marked by a day beacon, lighted and unlighted buoys. There are ample depths inside the bar.

(LL 2018; NOS 11512) 48/18

Chapter 7—Paragraph 145; read:

<sup>(145)</sup> A dredged channel leads northwestward through Tybee Roads, thence westward between submerged jetties into the Savannah River. The dredged channel continues for 16 miles to a turning basin at Kings Island, thence for about 2.5 miles to the head of the project, about 500 yards below the

US 17/SR 25 highway bridge—see Notice to Mariners and latest editions of the charts for controlling depths. The channel is well marked by lighted ranges, lights, lighted and unlighted buoys.

(NOS 11512; NOS 11514) 48/18

Chapter 7—Paragraph 148; read:

<sup>(148)</sup> Most vessels anchor northward or northeastward of the sea buoy, Tybee Lighted Buoy T (31°57'52"N., 80°43'10"W.), where depths range from 19 to 45 feet with good holding ground. It is recommended that no vessel—regardless of size—anchor within a two mile radius of Tybee Lighted Buoy T. There is no anchorage in Savannah River, except in an emergency. Due to strong currents and heavy river traffic, small vessels should not anchor in the river.

(L 930-2018) 48/18

Chapter 7—Paragraph 151.001; read:

<sup>(151.001)</sup> Moored vessels on the Savannah River are subject to strong surging. Surging can happen at any time but is aggravated by passing ships. All lines should be sufficient in number for the size of the vessel and adequately tensioned such that no movement is allowed at the dock. These forces are compounded by narrow channels, tidal range, current velocity and low tides.

(L 930-2018) 48/18

Chapter 7—Paragraph 153; read:

<sup>(153)</sup> Regulations described below are found in Chapter 2. General regulations which precede the specific regulations are also found in Chapter 2 at **33 CFR 165.1** through **165.33**. A **safety zone** has been established in the Savannah River around the Garden City Terminal (near Kings Island Turning Basin) and around cargo ships loaded with military equipment transiting the river—see **33 CFR 165.704**. **Security zones** have been established surrounding escorted vessels transiting the Captain of the Port Zone Savannah—see **33 CFR 165.749**. A **security zone** has been established at the LNG mooring slip on Elba Island—see **33 CFR 165.751**. A **regulated navigation area** is in effect at certain times between Tybee Roads approach channel and Fort Jackson (near the eastern end of Hutchinson Island.)—see **33 CFR 165.756**. **Safety zones** will be established at certain times for heavy weather in the Savannah River—see **33 CFR 165.780**.

(L 930-2018; NOS 11512) 48/18

Chapter 7—Paragraph 169; read:

<sup>(169)</sup> Pilotage is compulsory for all foreign vessels over 200 gross tons and U.S. vessels under register in the foreign trade. Pilotage is optional for U.S. vessels in the domestic trade, which have on board a pilot licensed by the Federal Government. Pilotage is available from the Savannah Bar Pilots Association, Inc., 130 Houston Street, Savannah, GA 31412, telephone 912-236-0226, FAX 912-236-6571. The pilots maintain four pilot boats; the 64-foot GEORGIA, the 56-foot SAVANNAH, the 55-foot CAROLINA, and the 35-foot NO. 4. All have blue hulls and white superstructures, fly the code flag H, and are equipped with VHF-FM channels 16, 14 and 13. The boats are in direct communication with the pilot office in Savannah. Communications on channels 16 and 14



COAST PILOT 4 (Continued)

are monitored by the pilot's office on a 24-hour basis and by the pilot boats at all hours when working ships. Pilots board from the pilot boat 2 miles southeast of the sea buoy Tybee Lighted Buoy T (31°57'52"N., 80°43'10"W.). It is recommended that all deep-draft vessels make preparations to be boarded by the Savannah Pilots in a rectangular area enclosed by the following points:

(L 930-2018) 48/18

Chapter 7—Paragraph 175; read:

<sup>(175)</sup> Pilotage for enrolled and public vessels is available from Coastal Line Handling and Piloting, P.O. Box 15095, Savannah, GA 31416, telephone 912-344-4996, or 24 hours at 912-657-5772. A six-hour advance notice is requested. Coastal Line Handling and Piloting monitors VHF-FM channels 16 and 18A.

(L 930-2018) 48/18

**COAST PILOT 4 50 Ed 2018 03 MAR 2019  
LAST NM 48/18**

Chapter 12—Paragraph 523; read:

<sup>(523)</sup> At **Mile 1013.7**, the waterway is crossed by U.S. Route 1 highway bridge (locally known as Parker Bridge). It has a twin bascule span having a clearance of 25 feet at the center. (See **33 CFR 117.1** through **117.59** and **117.261**, Chapter 2, for drawbridge regulations.) The overhead power cable on the east side of the bridge has a clearance of 87 feet.

(L 1088-2017; LNM 51/18 CG7) 12/19

**COAST PILOT 4 50 Ed 2018 24 MAR 2019  
LAST NM 12/19**

Chapter 6—Paragraph 312; read:

<sup>(312)</sup> State Route 41 bridge about 0.4 mile above Cainhoy and has a fixed span with a vertical clearance of 55 feet. An overhead power cable with a clearance of 85 feet is at the bridge.

(L 709-2018) 15/19

**COAST PILOT 4 50 Ed 2018 31 MAR 2019  
LAST NM 15/19**

Chapter 5—Paragraph 39; read:

<sup>(39)</sup> A federal project provides for a channel 47 feet deep over the bar at Beaufort Inlet, thence 45 feet to a turning basin off the North Carolina State Ports Authority Terminal at Morehead City with 45 feet in the turning basin's east leg and 35 feet in the west and northwest legs. For detailed channel information and minimum depths as reported by the U.S. Army Corps of Engineers (USACE), use NOAA Electronic Navigational Charts. Surveys and channel condition reports are available through a USACE hydrographic survey website listed in Appendix A. The entrance and main channels and all of Beaufort Inlet are subject to continual change. Lighted ranges and lighted buoys mark the main channel. Lights, buoys and daybeacons mark the minor channels.

(L 62-2019; NOS 11547) 16/19

Chapter 5—Paragraph 157; read:

<sup>(157)</sup> A federal project provides for a channel 44 feet deep

over the bar to a point just south of Southport, thence 42 feet to the Lower Anchorage Basin at Wilmington, thence 38 feet in the Upper Anchorage Basin, thence 32 feet to Hilton Bridge, thence 25 feet to the upstream limit of the federal project. For detailed channel information and minimum depths as reported by the U.S. Army Corps of Engineers (USACE), use NOAA Electronic Navigational Charts. Surveys and channel condition reports are available through a USACE hydrographic survey website listed in Appendix A. The channel is well marked with lighted ranges and other aids.

(L 59-2019; NOS 11537) 16/19

**COAST PILOT 4 50 Ed 2018 07 APR 2019  
LAST NM 16/19**

Chapter 4—Paragraph 87; read:

<sup>(87)</sup> A swash channel, marked by a light and daybeacons, connects Big Foot Slough Channel with **Nine Foot Shoal Channel**, which leads off in a northwesterly direction. Some local vessels use this channel as a short cut, but Big Foot Slough Channel is the recommended channel. For detailed channel information and minimum depths as reported by the U.S. Army Corps of Engineers (USACE), use NOAA Electronic Navigational Charts. Surveys and channel condition reports are available through a USACE hydrographic survey website listed in Appendix A.

(L 127-2019; NOS 11550) 17/19

Chapter 12—Paragraph 439; read:

<sup>(439)</sup> Maintenance of the Okeechobee Waterway and operation of the locks are the charge of the USACE area office at Clewiston. Before any attempt is made to pass through any portion of this route, the latest information regarding available depths, operations of the locks and other existing conditions should be obtained from the office of the USACE at Clewiston, 525 Ridgelawn Road, Clewiston, FL 33440-5399. Telephone, 863-983-8101; Fax, 863-983-8579. Mariners are encouraged to view locking requirements for safety posted at: [www.saj.usace.army.mil/Missions/Civil-Works/Navigation/Notices-to-Navigation/](http://www.saj.usace.army.mil/Missions/Civil-Works/Navigation/Notices-to-Navigation/)

(LNM 04/19 CG7) 17/19

Chapter 12—Paragraph 442; read:

<sup>(442)</sup> The St. Lucie, Port Mayaca, Moore Haven, Ortona and W.P. Franklin locks are used, when conditions require, for discharging water from Lake Okeechobee. All vessels approaching these locks during periods of discharge should exercise caution. The water released often creates high currents along the waterway. Mariners can expect unfavorable conditions between Port Mayaca lock and St. Lucie lock. Such as, unexpected high current conditions east of the St. Lucie lock where the released water funnels thus creating unexpected hazardous conditions for mariners expecting slack tide where the bridges intercept the waterway. The depth over the upper sill of St. Lucie Lock is reduced from 13.5 feet to 8 feet when water is being discharged from Lake Okeechobee.

(LNM 04/19 CG7) 17/19

COAST PILOT 4 (Continued)

Chapter 12—Paragraph 581; read:

<sup>(581)</sup> Above the junction of New River with the Intracoastal Waterway, New River and South Fork are crossed by the following bridges with bascule spans and overhead cables: U.S. Route 1 passes through a tunnel under the river at Southeast Sixth Avenue; at 1.1 miles, Southeast Third Avenue highway bridge, clearance 16 feet; at 1.3 miles, South Andrews Avenue Bridge, clearance 21 feet; at 1.4 miles, Florida East Coast Railway bridge, clearance of 4 feet; an overhead power cable just above the railway bridge has a clearance of 80 feet; at 1.7 miles, the William H. Marshall Memorial Bridge with a clearance of 20 feet at the center; the overhead power cable just above this bridge has a clearance of 80 feet; on the South Fork, 0.8 mile above the mouth of the fork, Southwest 12th Street bridge has a clearance of 21 feet; at 2.7 miles, two parallel fixed highway bridges, clearance 55 feet; at 2.8 miles, Seaboard System Railroad (SCL) bascule. (L 1053-2018) 17/19

**COAST PILOT 4      50 Ed 2018      28 APR 2019  
LAST NM 17/19**

Chapter 6—Paragraph 33; read:

<sup>(33)</sup> **Little River Inlet**, 28 miles westward of Cape Fear River, is entered between **Waties Island** on the west and **Bird Island** on the east. A lighted buoy is off the entrance and several dangerous wrecks are south and west of the entrance. The entrance is protected by jetties, each marked on the outer end by a light. The bar channel is subject to continual change and the buoys marking it are shifted frequently to mark the best water and therefore not charted. Once past the jetties, a marked channel leads northwestward for about 1.8 miles to a junction with the Intracoastal Waterway. There is a large sand bar centered at 33°51'25"N., 78°32'50"W. Extreme caution is advised when entering and leaving the inlet. The mean range of tide at the inlet is about 5 feet. (LNM 15/19 CG7) 20/19

**COAST PILOT 4      50 Ed 2018      26 MAY 2019  
LAST NM 20/19**

Chapter 10—Paragraph 335; read:

<sup>(335)</sup> A federal project provides for an entrance channel leading from the Atlantic Ocean between the jetties to a main turning basin inside. There are turning basins to the north and south of the main turning basin. Southport Channel leads southward from the main turning basin to Southport Terminal, with a turning basin on the west side. For detailed channel information and minimum depths as reported by the U.S. Army Corps of Engineers (USACE), use NOAA Electronic Navigational Charts. Surveys and channel condition reports are available through a USACE hydrographic survey website listed in Appendix A. (L 232-2019; NOS 11470) 24/19

**COAST PILOT 4      50 Ed 2018      09 JUN 2019  
LAST NM 24/19**

Chapter 7—Paragraph 32; read:

<sup>(32)</sup> **North Edisto River**, about 10 miles southwestward of Stono Inlet and 20 miles southwestward of Charleston Harbor entrance, is of little commercial importance and rarely used.

Shoals extend offshore from the entrance as much as 3 miles and form a shifting bar. Flats, which bare at low water and are continually changing in character, are on both sides of the entrance; caution is advised. The entrance is marked by a lighted buoy and the channel by a **314°** lighted range and by buoys that are moved, when practicable, to indicate the best water. The entrance is well defined by breakers. A water tank about 1.7 miles northeastward of the entrance is prominent.

(LNM 23/19 CG7) 26/19

**COAST PILOT 4      50 Ed 2018      30 JUN 2019  
LAST NM 26/19**

Chapter 2—Paragraphs 1270 to 1271; read:

<sup>(1270)</sup> (e)–(g) [Reserved]

<sup>(1271)</sup> <Deleted Paragraph>

(FR 6/21/2019) 29/19

Chapter 2—Paragraph 1392.001; read:

<sup>(1392.001)</sup> (c) The draw for the Buffalo Bluff CSX automated Railroad Bridge, St. Johns River, mile 94.5 at Satsuma, Putnam County, FL shall operate as follows: (1) The bridge is not tendered locally, but will be operated and monitored by a remote tender. (2) The bridge shall have local and mechanical override capabilities over the remote operation. (3) Marine radio communication shall be maintained with mariners near the bridge for the safety of navigation. Visual monitoring of the waterway shall be maintained with the use of cameras and the detection of vessels under the span shall be accomplished with detection sensors. (4) The span is normally in the fully open position and will display green lights to indicate that the span is fully open. (5) When a train approaches, the remote tender shall monitor for vessels approaching the bridge. The remote tender shall warn approaching vessels via marine radio, channel 9 VHF of a bridge lowering. The remote tender may also be contacted via telephone at (386) 649–8538. (6) Provided the sensors do not detect a vessel under the span, the tender shall initiate the span lowering sequence, which includes the sounding of a horn and the displaying of red lights. The span will remain in the down position for a minimum of eight minutes or for the entire time the approach track circuit is occupied. (7) After the train has cleared the bridge track circuit, the span shall open and the green lights will be displayed.

(FR 6/21/2019) 29/19

**COAST PILOT 4      50 Ed 2018      14 JUL 2019  
LAST NM 29/19**

Chapter 2—Paragraphs 2903.001 to 2903.017; read:

<sup>(2903.001)</sup> **§165.760 Security Zones; Port of Palm Beach, Port Everglades, and Port of Miami, Florida.**

<sup>(2903.002)</sup> (a) *Definitions.* (1) As used in this section, *passenger vessel* is a vessel greater than 100 feet in length and over 100 gross tons that is authorized to carry more than 12 passengers for hire making voyages lasting more than 24 hours, except for a ferry.

<sup>(2903.003)</sup> (2) As used in this section, a *vessel carrying car-*

COAST PILOT 4 (Continued)

*goes of particular hazard* is defined in 33 CFR part 126 and a vessel carrying liquefied hazardous gas (LHG) is defined in 33 CFR part 127.

<sup>(2903.004)</sup> (b) *Locations*. The following areas are security zones (all coordinates are North American Datum 1983):

<sup>(2903.005)</sup> (1) *Fixed and moving security zones around vessels in the Port of Palm Beach, Port Everglades, and Port of Miami, Florida*. Moving security zones are established 100 yards around all passenger vessels, vessels carrying cargoes of particular hazard, or vessels carrying liquefied hazardous gas (LHG) during transits entering or departing the Port of Palm Beach, Port Everglades, or Port of Miami. These moving security zones are activated when the subject vessel passes: Lake Worth Lighted Buoy LW, at approximate position 26°46'22"N., 80°00'37"W., when entering the Port of Palm Beach; passes Port Everglades Lighted Buoy PE, at approximate position 26°05'30"N., 080°04'46"W., when entering Port Everglades; and passes Miami Lighted Buoy M, at approximate position 25°46'05"N., 080°05'01"W., when entering Port of Miami. These moving security zones remain active whenever a passenger vessel, vessels carrying cargoes of particular hazard, or vessels carrying LHG is underway westward of the above mentioned buoys. Fixed security zones are established 100 yards around all passenger vessels, vessels carrying cargoes of particular hazard, or vessels carrying LHG, while the vessel is moored in the Port of Palm Beach, Port Everglades, or Port of Miami, Florida. Persons and vessels may pass within 100 yards of a moored passenger vessel, vessel carrying cargoes of particular hazard, or vessel carrying LHG that is moored within or alongside a Federal channel as long as the passage occurs outside of the on scene law enforcement vessel. Persons and vessels shall pass north of the on scene law enforcement vessel when north of the Port of Miami, south of the on scene law enforcement vessel when south of the Port of Miami and east of the on scene law enforcement vessel in Port Everglades.

<sup>(2903.006)</sup> (2) *Fixed security zone in Port of Miami, Florida*. A fixed security zone encompasses all waters between Watson Park and Star Island from the MacArthur Causeway south to Port of Miami. The western boundary is formed by an imaginary line from points 25°46'45" N, 080°10'52" W, northwest to 25°46'46"N., 080°10'54"W., northeast to 25°46'53"N., 80°10'50"W., and extending northeast ending at Watson Island at 25°47'00" N, 080°10'40" W. The eastern boundary is formed by an imaginary line approximately 100 yards west of the Fisher Island Ferry terminal, in approximate position 25°46'20"N., 080°09'07"W., extending southwest across the Main Channel to Port of Miami, at 25°46'16"N., 080°09'11"W. The fixed security zone is in effect when two or more passenger vessels, vessels carrying cargoes of particular hazard, or vessels carrying LHG, enter or moor within this zone.

<sup>(2903.007)</sup> (i) When the security zone is in effect, persons and vessels shall not enter or transit the security zone

along the Miami Main Channel unless authorized by Captain of the Port of Miami or a designated representative.

<sup>(2903.008)</sup> (ii) Persons and vessels may transit the Miami Main Channel when only one passenger vessel, one vessel carrying cargoes of particular hazard or one vessel carrying LHG is berthed.

<sup>(2903.009)</sup> (iii) Law enforcement vessels can be contacted on VHF Marine Band Radio, Channel 16 (156.8 MHz).

<sup>(2903.010)</sup> (3) *Fixed security zones in Port Everglades*. A fixed security zone encompasses Mid-Port to North-Port in Port Everglades and includes all waters west of an imaginary line starting at the southernmost point 26°05'24"N., 080°06'57"W., on the northern tip of Berth 22, to the northernmost point 26°06'01"N., 080°07'09"W., near the west side of the 17th Street Bridge and then move west to the northwesternmost point at 26°06'01"N., 080°07'10"W. An additional fixed security zone encompasses the waters west of the Intracoastal Waterway to the pier face of Port Everglades from Mid-Port south to the northern tip of the Dania Cut-Off Canal and includes the waters westward of the line connecting the following points to the pier face of Port Everglades: Starting at 26°05'25"N., 080°06'58"W., on the northern tip of Berth 22 at Mid-Port, to a point directly east along the Intracoastal Waterway, 26°05'25"N., 080°06'54"W., then southeast along the Intracoastal Waterway to 26°05'10"N., 080°06'49"W., then southwest along the Intracoastal Waterway to 26°04'43"N., 080°06'53"W., then south along the Intracoastal Waterway to 26°03'54"N., 080°06'52"W., and then west to the Port Everglades pier face just north of the Dania Cut-Off Canal at 26°03'54"N., 080°06'55"W.

<sup>(2903.011)</sup> (i) Persons and vessels may transit the Intracoastal Waterway; however, persons and vessels are not authorized to enter the fixed security zone westward of the Intracoastal Waterway without authorization from Captain of the Port Miami or a designated representative. On occasion, a passenger vessel, vessel carrying cargoes of particular hazard, or vessel carrying LHG may moor and encroach into the Intracoastal Waterway. When this occurs, persons and vessels shall transit the Intracoastal Waterway east of the on scene law enforcement vessel.

<sup>(2903.012)</sup> (ii) Periodically, vessels may be required to temporarily hold their positions while large commercial traffic operates in this area. Vessels near the security zone must follow the orders of the Captain of the Port or the designated representative.

<sup>(2903.013)</sup> (iii) Law enforcement vessels can be contacted on VHF Marine Band Radio, Channel 16 (156.8 MHz).

<sup>(2903.014)</sup> (c) *Regulations*. (1) Prior to commencing any movement, the person directing the movement of a passenger vessel, a vessel carrying cargoes of particular hazard, or a vessel carrying LHG is encouraged to make a security broadcast on VHF Marine Band Radio Channel 16 (156.8 MHz) to advise mariners of the moving security zone activation and



COAST PILOT 4 (Continued)

intended transit.

<sup>(2903.015)</sup> (2) In accordance with the general regulations §165.33, entry into these zones is prohibited, except as authorized by the Captain of the Port of Miami or a designated representative. Vessels such as pilot boats, tug boats, and contracted security vessels may assist the Coast Guard Captain of the Port by monitoring these zones strictly to advise mariners of the restrictions. The Captain of the Port will notify the public of the security zone via signs or by Marine Safety Radio Broadcasts on VHF Marine Band Radio Channel 16 (156.8 MHz) when applicable.

<sup>(2903.016)</sup> (3) Persons and vessels desiring to enter or transit the fixed or moving security zones may contact the Captain of the Port Miami at (305) 535-4472 or on VHF Marine Band Radio Channel 16 (156.8 MHz) to seek permission to transit the area. If permission is granted, all persons and vessels must comply with the instructions of the Captain of the Port or the designated representative.

<sup>(2903.017)</sup> (4) The Captain of the Port Miami may waive any of the requirements of this section for any vessel upon finding that the vessel or class of vessel, operational conditions, or other circumstances are such that application of this section is unnecessary or impractical for the purpose of port security, safety, or environmental safety.

(FR 7/12/2019) 31/19

Chapter 2—Paragraphs 2904 to 2918; read:

<sup>(2904)</sup> **§165.761 Security Zones; Port of Key West, Florida.**

<sup>(2905)</sup> (a) *Definitions.* (1) As used in this section, passenger vessel is a vessel greater than 100 feet in length and over 100 gross tons that is authorized to carry more than 12 passengers for hire making voyages lasting more than 24 hours, except for a ferry.

<sup>(2906)</sup> (2) As used in this section, a vessel carrying cargoes of particular hazard is defined in 33 CFR part 126 and a vessel carrying liquefied hazardous gas (LHG) is defined in 33 CFR part 127.

<sup>(2907)</sup> (b) *Location.* The following area is a security zone: Fixed and moving security zones around vessels in the Port of Key West, Florida. A moving security zones is established 100 yards around all passenger vessels, vessels carrying cargoes of particular hazard, or vessels carrying liquefied hazardous gas (LHG) during transits entering or departing the Port of Key West, Florida. A moving security zones is activated when the subject vessel passes Key West Entrance Lighted Whistle Buoy KW, at approximate position 24°27'26"N., 081°48'00"W. This moving security zone remains active whenever a passenger vessel, vessels carrying cargoes of particular hazard, or vessels carrying LHG is underway westward of the above mentioned buoys. Fixed security zones are established 100 yards around all passenger vessels, vessels carrying cargoes of particular hazard, or vessels carrying LHG, while the vessel is moored in the Port of Key West, Florida.

<sup>(2908)</sup> (c) *Regulations.* (1) Prior to commencing any movement, the person directing the movement of a passenger ves-

sel, a vessel carrying cargoes of particular hazard, or a vessel carrying LHG, is encouraged to make a security broadcast on VHF Marine Band Radio, Channel 16 (156.8 MHz) to advise mariners of the moving security zone activation and intended transit.

<sup>(2909)</sup> (2) In accordance with the general regulations §165.33, entry into these zones is prohibited except as authorized by the Captain of the Port of Key West or a designated representative. Vessels such as pilot boats, tug boats, and contracted security vessels may assist the Coast Guard Captain of the Port by monitoring these zones strictly to advise mariners of the restrictions. The Captain of the Port will notify the public of the security zone via signs or by Marine Safety Radio broadcasts on VHF Marine Band Radio, Channel 16 (156.8 MHz) when applicable.

<sup>(2910)</sup> (3) Persons and vessels desiring to enter in, transit through, anchor in, or remain within the fixed or moving security zones may contact the Captain of the Port Key West at (305) 292-8727 or on VHF Marine Band Radio Channel 16 (156.8 MHz) to seek permission to transit the area. If permission is granted, all persons and vessels must comply with the instructions of the Captain of the Port or the designated representative.

<sup>(2911)</sup> (4) The Captain of the Port Key West may waive any of the requirements of this section for any vessel upon finding that the vessel or class of vessel, operational conditions, or other circumstances are such that application of this section is unnecessary or impractical for the purpose of port security, safety, or environmental safety.

<sup>(2912)</sup> <Deleted Paragraph>

<sup>(2913)</sup> <Deleted Paragraph>

<sup>(2914)</sup> <Deleted Paragraph>

<sup>(2915)</sup> <Deleted Paragraph>

<sup>(2916)</sup> <Deleted Paragraph>

<sup>(2917)</sup> <Deleted Paragraph>

<sup>(2918)</sup> <Deleted Paragraph>

(FR 7/12/2019) 31/19

**COAST PILOT 4 50 Ed 2018 21 JUL 2019  
LAST NM 31/19**

Chapter 11—Paragraph 142; read:

<sup>(142)</sup> **Sand Key Light** (24°27'21"N., 81°52'38"W.), 40 feet above the water, is shown from a white, square, pyramidal skeleton tower (abandoned) enclosing a stair cylinder and square dwelling.

(L 139-2019; LL 2019) 32/19

Chapter 11—Paragraph 146; read:

<sup>(146)</sup> **Northwest Channel** is a medium-draft passage between Key West Harbor and the Gulf of Mexico. Intermittent shoaling exists along the length of the channel. Vessels can pass directly across the reefs from the Gulf to the Straits of Florida by way of Northwest Channel and Main Ship Channel. The Gulf end of the channel is shifting westward. For detailed channel information and minimum depths as reported by the U.S. Army Corps of Engineers (USACE), use NOAA Electronic Navigational Charts. Surveys and channel condition reports are available through a USACE hydro-

graphic survey website listed in Appendix A.  
(L 139-2019) 32/19

Chapter 11—Paragraphs 178 to 180; read:

<sup>(178)</sup> Pilotage is available from Key West Bar Pilots Association, P.O. Box 848, Key West, FL 33041, telephone 305-296-5512.

<sup>(179)</sup> The Pilot Station is at the northeast end of Front Street, Key West. Pilot Station monitors VHF-FM channels 16 and 14 (when expecting traffic). The 39-foot pilot boat has a gray hull with black trim and gray superstructure with the word PILOT on the side. The 40-foot pilot boat has a green hull and white superstructure with the word PILOT on the side. Occasionally other boats may be used. Pilots board day or night 2 miles south of Key West Harbor Entrance Lighted Whistle Buoy KW (24°27'26"N., 81°48'00"W.).

<sup>(180)</sup> Vessels being boarded should maintain 8 knots and provide a good lee with the ladder 3.34 feet (1 meter) – (not dragging) above the water. Seas should be slightly aft of the weather beam. Arrangements for pilots are made through the above telephone or through ships' agents. A minimum 24-hour notice of time of arrival is requested; however, pilots will still attempt to service vessels with less time of notice.  
(L 139-2019) 32/19

Chapter 11—Paragraphs 183 to 187; read:

<sup>(183)</sup> 1. Not over 10-foot draft of 250-foot length for transiting Northwest channel, daylight only.

<sup>(184)</sup> 2. Not over 10-foot draft or 250-foot length for entering safe Harbor, Stock Island, under normal conditions.

<sup>(185)</sup> 3. Tankers docking at Pier D-2 North should do so on or near at slack water, daytime only, with at least two tugs, one for port bow, one for aft, docking starboard side to. Deep draft limited to 25.7 feet. Sailing should be daytime only, on or near slack water, with two tugs.

<sup>(186)</sup> 4. Naval men of war with their sonar dome in the bow may dock at Pier D-2 North, starboard side to, with deep draft limited to 26 feet. If possible, the same current restrictions as for tankers should be used.

<sup>(187)</sup> 5. All vessels should be limited to not over 29 foot-deep draft, dependent on tide. Some piers require shallower drafts and length limitations. Poorly handling ships may be restricted even further in draft, and very large poorly handling ships may be restricted to daylight only and in not over 25 knots wind.  
(L 139-2019) 32/19

Chapter 11—Paragraph 193; read:

<sup>(193)</sup> There are no tug boats in Key West.  
(L 139-2019) 32/19

Chapter 11—Paragraph 202; read:

<sup>(202)</sup> The City of Key West Port Operations Office has direct supervision of city docks, properties, moorings and anchorages. The City of Key West Port Operations Office also collects city property port dues. The office telephone number is: 305-809-3790. A 5-mph **speed limit** is enforced in Garrison Bight and in all constricted channel areas.  
(L 139-2019) 32/19

Chapter 11—Paragraph 210; read:

<sup>(210)</sup> **Municipal Wharf**, also known as **Mallory Wharf** (24°33'35"N., 81°48'28"W.), is 870 feet long and has a deck height of about 7 feet. The northerly half is privately owned by a condominium development. The southerly half is operated by the City of Key West Port Operations Office as a cruise ship terminal. Two mooring dolphins off the wharf face provide a total of 464 feet of berthing space with reported depths of 26 feet alongside. For detailed channel information and minimum depths as reported by the U.S. Army Corps of Engineers (USACE), use NOAA Electronic Navigational Charts. Surveys and channel condition reports are available through a USACE hydrographic survey website listed in Appendix A. Potable water is available with advance arrangements. Large vessels must depart the berth 45 minutes before sunset except in emergency or by special arrangement with the City of Key West Port Operations Office.  
(L 139-2019) 32/19

Chapter 11—Paragraph 212; read:

<sup>(212)</sup> **The Outer Navy Mole** (24°33'17"N., 81°48'39"W.), another deepwater berth, has a face of 580 feet and a deck height of 7 feet. Sometimes the mole is used to dock vessels up to 1040 feet in length, by directions of the City of Key West Port Operations Office.  
(L 139-2019) 32/19

**COAST PILOT 5 47 Ed 2019 NEW EDITION**  
(NOS) 22/19

**COAST PILOT 5 47 Ed 2019 19 MAY 2019**  
**LAST NM 22/19**

Chapter 6—Paragraph 152; read:

<sup>(152)</sup> From the Gulf, a dredged channel leads across 18-foot shoals and around St. Joseph Point, thence south and southeast to a turning basin at Port St. Joe—see Notice to Mariners and latest editions of the charts for controlling depths. A shoal tends to build east from the extremity of St. Joseph Point into the west side of the entrance channel. It is the recommendation of the local pilots that vessels intending to transit to Port St. Joe should request advice on the maximum allowable draft from their local agents or pilots. The dredged channel is marked by lighted ranges, lighted and unlighted buoys. An obstruction with a least depth of 28 feet and a rock with a least depth of 29 feet are between Lighted Buoy 17 and Buoy 18; caution is advised.  
(LNM 19/19 CG8; DD 30675) 23/19

**COAST PILOT 5 47 Ed 2019 16 JUN 2019**  
**LAST NM 23/19**

Chapter 2—Paragraph 1877; read:

<sup>(1877)</sup> (c) The draws of the bridges above mile 105.8 through mile 234.4 need not open for passage of vessels. The owner or agency controlling the bridge must restore the draw to full operation within three months if notified by the District Commander that the needs of navigation require resumed operation of the spans.  
(FR 6/10/2019) 27/19

COAST PILOT 5 (Continued)

**COAST PILOT 5**      **47 Ed 2019**      **07 JUL 2019**  
**LAST NM 27/19**

Chapter 2—Paragraph 999; read:

<sup>(999)</sup> (b) A line drawn across the Charlotte Harbor entrance from position 26°42.18'N., 070°41.2'W., to Port Boca Grande Light.  
(FR 6/28/2019)      31/19

Chapter 2—Paragraph 1003; read:

<sup>(1003)</sup> (f) A line drawn from position 27°17.89'N., 082°33.55'W., to the southernmost extremity of Lido Key (position 27°17.93'N., 082°33.99'W.).  
(FR 6/28/2019)      31/19

Chapter 2—Paragraph 1010; read:

<sup>(1010)</sup> (a) A line drawn across Blind Pass, from the seaward extremity of the Long Key jetty to the seaward extremity of the Treasure Island jetty.  
(FR 6/28/2019)      31/19

Chapter 2—Paragraph 1013; read:

<sup>(1013)</sup> (d) A line drawn from the northernmost extremity of Honeymoon Island to Anclote Anchorage South Entrance Light 3; thence to Anclote Key position 28°10.0'N., 082°50.6'W.; thence a straight line to position 28°11.11'N., 082°47.91'W.  
(FR 6/28/2019)      31/19

Chapter 2—Paragraphs 1039 to 1047; read:

<sup>(1039)</sup> **§80.810 Cape San Blas, FL to Perdido Bay, FL.**

<sup>(1040)</sup> (a) A line drawn from St. Joseph Bay Entrance Range A Rear Light through St. Joseph Bay Entrance Range B Front Light to St. Joseph Point.

<sup>(1041)</sup> (b) A line drawn across the mouth of Salt Creek as an extension of the general trend of the shoreline to continue across the inlet to St. Andrews Sound in the middle of Crooked Island.

<sup>(1042)</sup> <Deleted Paragraph>

<sup>(1043)</sup> <Deleted Paragraph>

<sup>(1044)</sup> (c) A line drawn between the seaward end of the St. Andrews Bay Entrance Jetties.

<sup>(1045)</sup> (d) A line drawn between the seaward end of the Choctawhatchee Bay Entrance Jetties.

<sup>(1046)</sup> (e) An east-west line drawn from Fort McRee Leading Light across the Pensacola Bay entrance along latitude 30°19.5'N.

<sup>(1047)</sup> (f) A line drawn between the seaward end of the Perdido Pass Jetties.  
(FR 6/28/2019)      31/19

Chapter 2—Paragraphs 3010 to 3013; read:

<sup>(3010)</sup> **§161.17 [Removed and Reserved]**

<sup>(3011)</sup> <Deleted Paragraph>

<sup>(3012)</sup> <Deleted Paragraph>

<sup>(3013)</sup> <Deleted Paragraph>

(FR 6/28/2019)

31/19

Chapter 5—Paragraph 114; read:

<sup>(114)</sup> The other entrance to Terra Ceia Bay from Tampa Bay is the narrow and generally crooked channel between Snead Island and **Rattlesnake Key**. The entrance is marked by a light and the channel to the bay is marked by daybeacons. The channel has a reported depth of about 4 feet—local knowledge is advised. The U.S. Route 19 (State Route 55) bridge crossing the head of the bay has a fixed span with a horizontal clearance of 46 feet and a vertical clearance of 8 feet. Overhead power and telephone cables close southwest of the bridge have a least clearance of 29 feet.

(L 248-2019)

31/19

**COAST PILOT 5**      **47 Ed 2019**      **21 JUL 2019**  
**LAST NM 31/19**

Chapter 4—Paragraph 20; read:

<sup>(20)</sup> **Sand Key Light** (24°27'21"N., 81°52'38"W.), 40 feet above the water, is shown from a white, square, pyramidal skeleton tower (abandoned) enclosing a stair cylinder and square dwelling.

(LL 2019; L 139-2019)

32/19

**COAST PILOT 6**      **49 Ed 2019**      **NEW EDITION**  
(NOS)      13/19

**COAST PILOT 6**      **49 Ed 2019**      **24 MAR 2019**  
**LAST NM 13/19**

Chapter 6—Paragraph 628; read:

<sup>(628)</sup> A dredged entrance channel, marked by buoys, lights and a **237.6°** lighted range, leads southwest for about 18 miles from deep water in Lake Erie through the shallow water of Maumee Bay to the mouth of Maumee River, thence upstream for about 7 miles. Maumee Mooring Basin is on the northwest side of the channel at the mouth of the river, and turning basins are 2.7, 6.3 and 7 miles above the mouth. For detailed channel information and minimum depths as reported by the U.S. Army Corps of Engineers (USACE), use NOAA Electronic Navigational Charts. Surveys and channel condition reports are available through the USACE hydrographic survey website listed in Appendix A.

(L 69-2019)

15/19

Chapter 6—Paragraph 680; read:

<sup>(680)</sup> A federal project provides for a 21-foot entrance channel from deep water in Lake Erie to an 18-foot turning basin at the head of the project. The entrance channel is marked by lighted and unlighted buoys and a **291.7°** lighted range. For detailed channel information and minimum depths as reported by the U.S. Army Corps of Engineers (USACE), use NOAA Electronic Navigational Charts. Surveys and channel condition reports are available through a USACE hydrographic survey website listed in Appendix A.

(L 120-2019)

15/19

COAST PILOT 6 (Continued)

Chapter 7—Paragraphs 11 to 12; read:

<sup>(11)</sup> Above Detroit River Light, lower Livingstone Channel is a two-way passage to the junction with Amherstburg Channel. From the junction, the two channels extend north to the junction with Ballards Reef Channel, Amherstburg Channel for upbound traffic and Livingstone Channel for downbound traffic. Ballards Reef and Fighting Island Channels lead from the upper junction of Amherstburg and Livingstone Channels to the north end of Fighting Island. From here, natural deep water can be carried to the upper end of Belle Isle, thence a dredged channel leads to Lake St. Clair.

<sup>(12)</sup> For detailed channel information and minimum depths as reported by the U.S. Army Corps of Engineers (USACE), use NOAA Electronic Navigational Charts. Surveys and channel condition reports are available through the USACE hydrographic survey website listed in Appendix A. Survey data on dredged channels in Canadian waters may be obtained through the Canadian Coast Guard—see Appendix A for contact information. The channels through the river are well marked by lights and buoys.

(L 61-2019)

15/19

Chapter 10—Paragraph 251; read:

<sup>(251)</sup> A dredged entrance channel leads northwest from deep water in Thunder Bay through the mouth of Thunder Bay River to a turning basin 0.7 mile above the mouth. The channel enters the river on the north side of a pier that extends from the south side of the mouth. The channel is marked by buoys and the entrance at the mouth is marked by lights. For detailed channel information and minimum depths as reported by the U.S. Army Corps of Engineers (USACE), use NOAA Electronic Navigational Charts. Surveys and channel condition reports are available through a USACE hydrographic survey website listed in Appendix A.

(L 111-2019)

15/19

**COAST PILOT 6      49 Ed 2019      31 MAR 2019  
LAST NM 15/19**

Chapter 6—Paragraph 274; read:

<sup>(274)</sup> The harbor is entered from natural deep water in Lake Erie between converging breakwaters to an outer harbor channel inside the breakwaters. A dredged channel leads from the southeast end of the outer harbor upstream in Conneaut River for about 0.4 mile to the wharves on either side of the river. Lights mark the outer ends of the breakwaters and the piers at the river mouth. A federal project provides for depths of 28 feet in the outer harbor channel and 22 feet in an outer harbor mooring area just west of the outer harbor channel, thence 27 feet in the river channel. For detailed channel information and minimum depths as reported by the U.S. Army Corps of Engineers (USACE), use NOAA Electronic Navigational Charts. Surveys and channel condition reports are available through the USACE hydrographic survey website listed in Appendix A.

(L 113-2019)

16/19

Chapter 6—Paragraph 311; read:

<sup>(311)</sup> The harbor is entered from Lake Erie through a dredged entrance channel that leads between converging

breakwaters to an outer harbor where the channel divides into east and west channels with a central turning basin. The west channel leads to the mouths of the Ashtabula River and Piney Minnesota Slip and continues upstream in the river for 2 miles; a turning basin is 0.3 mile below the head of the project. The east channel leads southeast to a basin off the entrance of two large slips. Lights mark the outer ends of the breakwaters, and Ashtabula Light is on the west breakwater. A detached breakwater, just south of the turning basin, is marked by a light on the west end. For detailed channel information and minimum depths as reported by the U.S. Army Corps of Engineers (USACE), use NOAA Electronic Navigational Charts. Surveys and channel condition reports are available through the USACE hydrographic survey website listed in Appendix A.

(L 70-2019)

16/19

Chapter 6—Paragraphs 350 to 350.001; read:

<sup>(350)</sup> The harbor is entered from Lake Erie through a dredged channel from deep water in the lake between two converging breakwaters to an outer harbor basin, thence between parallel piers through the mouth of the river for about 1.5 miles; the piers are marked at the outer ends by lights. A turning basin is on the west side of the channel about 1 mile above the mouth. The areas on the east and west sides of the entrance channel in the outer basin and the lower 1.2 miles of the river channel are not maintained.

<sup>(350.001)</sup> The federal project depths are 25 feet in the approach channel and through the outer harbor to the mouth of the river, thence 24 feet in the river channel for about 0.7 mile, thence 21 feet to Olive Street on the west bank, thence 8 feet to the head of the project; the turning basin has a project depth of 18 feet. For detailed channel information and minimum depths as reported by the U.S. Army Corps of Engineers (USACE), use NOAA Electronic Navigational Charts. Surveys and channel condition reports are available through the USACE hydrographic survey website listed in Appendix A. The east breakwater, from its inner end, turns east and parallels the shore for about 1 mile. Lights mark the outer ends of the breakwaters and the east end of the east breakwater.

(L 114-2019)

16/19

Chapter 6—Paragraph 399; read:

<sup>(399)</sup> The federal project depths are 29 feet in the approach channel from deep water in the lake, thence 28 feet through the entrance channel to the mouth of the river and in West Basin, 28-27 feet in East Basin, and 25 feet in Airport Range. In the inner harbor, project depths are 27 feet in the Cuyahoga River from the mouth to the junction with Old River, thence 23 feet to the upstream limit of the project, and 27 feet in Old River. For detailed channel information and minimum depths as reported by the U.S. Army Corps of Engineers (USACE), use NOAA Electronic Navigational Charts. Surveys and channel condition reports are available through the USACE hydrographic survey website listed in Appendix A.

(L 71-2019)

16/19

COAST PILOT 6 (Continued)

Chapter 7—Paragraph 148; read:

<sup>(148)</sup> The federal project provides for a depth of 21 feet in Short Cut Canal 21 and River Rouge to a turning basin at the head of the project, with 21 feet in the basin. Old Channel has a project depth of 25 feet from the entrance to just below the first bascule bridge, thence 18 feet to about 0.5 mile above the mouth, thence 17 feet to the junction with Short Cut Canal 21. For detailed channel information and minimum depths as reported by the U.S. Army Corps of Engineers (USACE), use NOAA Electronic Navigational Charts. Surveys and channel condition reports are available through the USACE hydrographic survey website listed in Appendix A. The north side of the entrance to Short Cut Canal 21 is marked by a lighted buoy. Rapid shoaling occurs in the canal and river because of the soft bottom. A number of cables, water mains, and tunnels cross under the canal and river; masters should exercise caution when dropping anchors.

(L 81-2019)

16/19

Chapter 11—Paragraphs 138 to 138.001; read:

<sup>(138)</sup> **Grays Reef Passage**, between Vienna Shoal and East Shoal on the east and Grays Reef on the west, is the main route for vessels drawing less than 25 feet between the Straits of Mackinac and the southern harbors of Lake Michigan. The route through the passage is a dredged channel, marked by a light and lighted buoys, on the east side of **Middle Shoal**. Middle Shoal has a least depth of 17 feet with a dumping ground close to the north. For detailed channel information and minimum depths as reported by the U.S. Army Corps of Engineers (USACE), use NOAA Electronic Navigational Charts. Surveys and channel condition reports are available through the USACE hydrographic survey website listed in Appendix A.

<sup>(138.001)</sup> **Grays Reef Light** (45°45'57"N., 85°09'14"W.), 82 feet above the water, is shown from a square tower on the west side of the dredged channel, just southeast of Middle Shoal; a sound signal and racon are at the light. The light should not be passed close aboard due to protective riprap. From the north end, the course through the channel is 186° to Grays Reef Light and thence 216½° toward North Manitou Shoal Light. A channel through Grays Reef Passage on the west side of Middle Shoal is unmarked and no longer used by large vessels.

(L 115-2019)

16/19

Chapter 11—Paragraph 358; read:

<sup>(358)</sup> The dredged entrance channel leads east from deep water in Lake Michigan between parallel piers at the mouth of Grand River and upstream for about 16 miles. The outer ends of the piers are marked by lights. South Pierhead Entrance Light and an inner light on the south pier form a range useful for approaching the harbor. There is a turning basin on the south side of the channel 2.3 miles above the mouth. For detailed channel information and minimum depths as reported by the U.S. Army Corps of Engineers (USACE), use NOAA Electronic Navigational Charts. Surveys and channel condition reports are available through the USACE hydrographic survey website listed in Appendix A.

(L 78-2019)

16/19

Chapter 11—Paragraph 500; read:

<sup>(500)</sup> **Burns International Harbor**, 14 miles southwest of Michigan City, is an artificial harbor formed by a breakwater extending lakeward from the shore and turning east to enclose a harbor basin and two dredged arms that extend south from the basin into the shoreline. The harbor is entered southwest from deep water in Lake Michigan on the south side of the breakwater. The north and south sides of the harbor entrance are marked by lights. For detailed channel information and minimum depths as reported by the U.S. Army Corps of Engineers (USACE), use NOAA Electronic Navigational Charts. Surveys and channel condition reports are available through the USACE hydrographic survey website listed in Appendix A.

(L 112-2019)

16/19

Chapter 11—Paragraph 821; read:

<sup>(821)</sup> The inner harbor is entered from the outer harbor through the piers at the mouth of the Milwaukee River. The outer ends of the piers are marked by lights. The Milwaukee River flows from the north and is joined by the Menomonee River from the west about 1 mile above the pierheads and by the Kinnickinnic River from the south at the inner end of the piers at the northwest end of **Jones Island**. Channels have been dredged in the lower parts of the rivers, for about 1.2 miles in the Milwaukee River, 1.7 miles in the Menomonee River and 1.2 miles in the Kinnickinnic River. The channels are narrow and tortuous and are not provided with turning basins. Several of the bridge openings are also narrow and their navigation difficult. Channels have also been dredged in the **South Menomonee Canal** and **Burnham Canal**, which branch south from the Menomonee River just above its mouth. For detailed channel information and minimum depths as reported by the U.S. Army Corps of Engineers (USACE), use NOAA Electronic Navigational Charts. Surveys and channel condition reports are available through the USACE hydrographic survey website listed in Appendix A.

(L 119-2019)

16/19

Chapter 11—Paragraph 1133; read:

<sup>(1133)</sup> The dredged entrance channel leads generally southwest through the shallow water in the south end of Green Bay for about 11.5 miles to the mouth of Fox River and thence upstream for about 7.2 miles to a turning basin at De Pere. Other turning basins are on the east side of the channel 1.4 miles above the mouth, at the mouth of East River and on the west side of the channel 3.6 miles above the mouth, just above the Canadian National Railroad bridge. For detailed channel information and minimum depths as reported by the U.S. Army Corps of Engineers (USACE), use NOAA Electronic Navigational Charts. Surveys and channel condition reports are available through a USACE hydrographic survey website listed in Appendix A. The entrance channel is well marked by lighted ranges, lights and lighted and unlighted buoys. The river channel is marked by buoys from the second turning basin to the turning basin at De Pere.

(L 116-2019)

16/19

COAST PILOT 6 (Continued)

Chapter 13—Paragraph 146; read:

<sup>(146)</sup> A breakwater extends southeast from the south end of Presque Isle Park to protect a dredged harbor basin west of the breakwater. A buoy marks the east side of the dredged basin and a lighted buoy marks the outer end of a submerged crib that extends from shore on the west side of the basin. For detailed channel information and minimum depths as reported by the U.S. Army Corps of Engineers (USACE), use NOAA Electronic Navigational Charts. Surveys and channel condition reports are available through a USACE hydrographic survey website listed in Appendix A.

(L 118-2019)

16/19

Chapter 13—Paragraph 193; read:

<sup>(193)</sup> A federal project provides for channel depths of 28 to 25 feet through the lower entrance (east entrance) at the mouth of Portage River to the Portage River Harbor of Refuge, thence 25 feet through Portage River to deep water in Portage Lake. The project depths in the entrance from Lake Superior (upper entrance) are 32 to 25 feet to the Lily Pond Harbor of Refuge, thence 25 feet to the upper end of Portage Lake. For detailed channel information and minimum depths as reported by the U.S. Army Corps of Engineers (USACE), use NOAA Electronic Navigational Charts. Surveys and channel condition reports are available through the USACE hydrographic survey website listed in Appendix A. The channels through the waterway are well marked by lighted and unlighted buoys, lights and lighted ranges.

(L 117-2019)

16/19

Chapter 13—Paragraph 375; read:

<sup>(375)</sup> All the dredged channels in the harbor are well marked by lighted and unlighted buoys and lighted ranges. For detailed channel information and minimum depths as reported by the U.S. Army Corps of Engineers (USACE), use NOAA Electronic Navigational Charts. Surveys and channel condition reports are available through the USACE hydrographic survey website listed in Appendix A.

(L 83-2019)

16/19

**COAST PILOT 6      49 Ed 2019      07 APR 2019**  
**LAST NM 16/19**

Chapter 4—Paragraph 281.001; read:

<sup>(281.001)</sup> There is a **general anchorage area** northeast of Carleton Island — see **33 CFR 110.1** and **110.209**, chapter 2, for limits and regulations.

(33 CFR 110.209; NOS 14802)

17/19

Chapter 4—Paragraph 284; read:

<sup>(284)</sup> <Deleted Paragraph>

(NOS 14802)

17/19

Chapter 4—Paragraph 300.001; read:

<sup>(300.001)</sup> There is a **general anchorage area** southwest of Tibbetts Point — see **33 CFR 110.1** and **110.209**, chapter 2, for limits and regulations.

(33 CFR 110.209; NOS 14802)

17/19

Chapter 9—Paragraphs 78 to 79; read:

<sup>(78)</sup> **Port Lambton, ON**, a village on the east side of the river about 1 mile above the junction with Chenal Ecarte, has a 125-foot government wharf with a reported depth alongside of about 12 feet. A marina is close south of the Government wharf.

<sup>(79)</sup> <Deleted Paragraph>

(L 772-1989)

17/19

**COAST PILOT 6      49 Ed 2019      21 APR 2019**  
**LAST NM 17/19**

Chapter 2—Paragraphs 2600 to 2605; read:

<sup>(2600)</sup> **§65.931 Safety Zone; Chicago Harbor, Navy Pier Southeast, Chicago, IL.**

<sup>(2601)</sup> (a) Location. The following area is a safety zone: The waters of Lake Michigan within Chicago Harbor bounded by coordinates beginning at

<sup>(2602)</sup> 41°53'23.3"N, 087°36'04.5"W; then south to

<sup>(2603)</sup> 41°53'11.8"N, 087°36'04.1"W; then west to

<sup>(2604)</sup> 41°53'12.1"N, 087°35'40.5"W; then north to

<sup>(2605)</sup> 41°53'23.6"N, 087°35'40.07"W; then east back to the point of origin (NAD 83).

(FR 4/18/2019)

19/19

**COAST PILOT 6      49 Ed 2019      28 APR 2019**  
**LAST NM 19/19**

Chapter 10—Paragraph 136; read:

<sup>(136)</sup> A federal project provides for a dredged entrance channel leading southwest from the deep water in Saginaw Bay for about 13.5 miles to the mouth of the Saginaw River and thence upstream for about 20 miles to the ports of Bay City and Saginaw. The entrance and river channels are well marked by lighted and unlighted buoys. A **211.2°** lighted range marks the entrance channel, and a **160.1°** lighted range marks a reach in the lower part of the river. For detailed channel information and minimum depths as reported by the U.S. Army Corps of Engineers (USACE), use NOAA Electronic Navigational Charts. Surveys and channel condition reports are available through the USACE hydrographic survey website listed in Appendix A.

(L 125-2019)

20/19

Chapter 11—Paragraph 551; read:

<sup>(551)</sup> The dredged entrance channel leads south-southeast from deep water in Lake Michigan between breakwaters to an outer harbor basin. The entrance channel is marked by lights on the outer and inner ends of the breakwaters. From the outer harbor basin, a canal entrance channel extends southwest to **Indiana Harbor Canal**, which continues southwest for 1.4 miles to a turning basin at **The Forks**. The entrance to the canal is marked by lights. The channel width in the canal is restricted by the clear width of the bridge span openings of 61.7 feet. From The Forks, **Calumet River Branch** extends south for about 0.4 mile to just below Columbus Drive bridge, and **Lake George Branch** extends west for about 0.6 mile. For detailed channel information and minimum depths as reported by the U.S. Army Corps of Engineers (USACE), use NOAA Electronic Navigational Charts. Surveys and

COAST PILOT 6 (Continued)

channel condition reports are available through the USACE hydrographic survey website listed in Appendix A.  
(L 136-2019) 20/19

Chapter 11—Paragraph 569; read:

<sup>(569)</sup> A breakwater and breakwater extension extend east from the shore about 0.5 mile north of the mouth of Calumet River and turn southeast to protect the river entrance and provide an outer harbor of refuge 1 square mile in extent. The outer end of the breakwater and each end of the extension are marked by lights. A dredged approach channel from Lake Michigan leads southwest around the south end of the breakwater extension to the outer harbor basin, thence the dredged channel continues through the basin to the mouth of the Calumet River. A lighted buoy is on the north side of the approach channel and the southwest limit of the outer harbor basin is marked by lighted and unlighted buoys.  
(L 136-2019; NOS 14929) 20/19

Chapter 11—Paragraph 569.001; read:

<sup>(569.001)</sup> A federal project provides for a depth of 29 feet in the approach channel and 28 feet in the channel through the outer harbor basin. For detailed channel information and minimum depths as reported by the U.S. Army Corps of Engineers (USACE), use NOAA Electronic Navigational Charts. Surveys and channel condition reports are available through the USACE hydrographic survey website listed in Appendix A.  
(L 136-2019; NOS 14929) 20/19

Chapter 11—Paragraph 573; read:

<sup>(573)</sup> A dredged channel leads from the west end of the outer harbor basin, between piers at the mouth of the Calumet River and upstream to Turning Basin No. 5, 6.06 miles above the mouth. Turning Basin Nos. 1 and 3 are on the east side of the channel 0.9 and 4.63 miles above the mouth of the river, respectively. The outer ends of the piers are marked by lights. A federal project provides for a depth of 27 feet in the dredged channel from the mouth of the river to Turning Basin No. 5. For detailed channel information and minimum depths as reported by the U.S. Army Corps of Engineers (USACE), use NOAA Electronic Navigational Charts. Surveys and channel condition reports are available through the USACE hydrographic survey website listed in Appendix A. Several large pieces of concrete have fallen into water along the south edge of Turning Basin No. 3 and pose a potential danger to navigation.  
(L 136-2019) 20/19

Chapter 11—Paragraph 579; read:

<sup>(579)</sup> A dredged channel leads northwest from Turning Basin No. 5 in Calumet River to Lake Calumet. A federal project provides for a depth of 27 feet in the dredged channel. For detailed channel information and minimum depths as reported by the U.S. Army Corps of Engineers (USACE), use NOAA Electronic Navigational Charts. Surveys and channel condition reports are available through the USACE hydrographic survey website listed in Appendix A.  
(L 136-2019) 20/19

Chapter 11—Paragraph 634; read:

<sup>(634)</sup> A federal project provides for dredged channels in the Chicago River from its mouth to the junction with the North and South Branches, thence in North Branch and North Branch Canal to the turning basin at North Avenue. For detailed channel information and minimum depths as reported by the U.S. Army Corps of Engineers (USACE), use NOAA Electronic Navigational Charts. Surveys and channel condition reports are available through the USACE hydrographic survey website listed in Appendix A.  
(L 135-2019) 20/19

Chapter 11—Paragraph 648; read:

<sup>(648)</sup> A safety zone is in the outer harbor just south of the Navy Pier. See **33 CFR 165.1** through **165.23** and **165.931**, Chapter 2, for limits and regulations.  
(L 57-2019) 20/19

**COAST PILOT 6      49 Ed 2019      12 MAY 2019**  
**LAST NM 20/19**

Chapter 2—Paragraphs 2614.001 to 2614.013; read:

<sup>(2614.001)</sup> **§165.941 Safety Zones; Annual Events in the Captain of the Port Detroit Zone.**

<sup>(2614.002)</sup> (a) Regulations. The following regulations apply to the safety zones listed in Table 1 to **§165.941** of this section, coordinates listed in table are North American Datum of 1983 (NAD 83).

<sup>(2614.003)</sup> (1) In accordance with the general regulations in **§165.23** of this part, entry into, transiting, or anchoring within any of the safety zones listed in this section is prohibited unless authorized by the Captain of the Port Detroit or a designated representative.

<sup>(2614.004)</sup> (2) These safety zones are closed to all vessel traffic, except as may be permitted by the Captain of the Port Detroit or his designated on-scene representative.

<sup>(2614.005)</sup> (3) Vessel operators desiring to enter or operate within the safety zone must contact the Captain of the Port Detroit or an on-scene representative to obtain permission to do so. The Captain of the Port Detroit or an on-scene representative may be contacted via VHF Channel 16. Vessel operators given permission to enter or operate in the safety zone must comply with all directions given to them by the Captain of the Port Detroit, or an on-scene representative.

<sup>(2614.006)</sup> (4) The enforcement dates and times for each of the safety zones listed in Table 1 to **§165.941** are subject to change, but the duration of enforcement would remain the same or nearly the same total number of hours as stated in the table. In the event of a change, the Captain of the Port Detroit will provide notice to the public by publishing a Notice of Enforcement in the Federal Register, as well as, issuing a Broadcast Notice to Mariners.

<sup>(2614.007)</sup> (b) Definitions. The following definitions apply to this section:

COAST PILOT 6 (Continued)

<sup>(2614.008)</sup> (1) Designated or on scene representative means any Coast Guard commissioned, warrant, or petty officers designated by the Captain of the Port Detroit to monitor a safety zone, permit entry into a safety zone, give legally enforceable orders to persons or vessels within a safety zone, and take other actions authorized by the Captain of the Port Detroit.

<sup>(2614.009)</sup> (2) Public vessel means a vessel that is owned, chartered, or operated by the United States, or by a State or political subdivision thereof.

<sup>(2614.010)</sup> (3) Rain date refers to an alternate date and/or time in which the safety zone would be enforced in the event of inclement weather.

<sup>(2614.011)</sup> (c) Suspension of enforcement. The Captain of the Port Detroit may suspend enforcement of any of these zones earlier than listed in this section. Should the Captain of the Port suspend any of these zones earlier than the listed duration in this section, he or she may make the public aware of this suspension by Broadcast Notice to Mariners and/or on-scene notice by a designated representative.

<sup>(2614.012)</sup> (d) Exemption. Public vessels, as defined in paragraph (b) of this section, are exempt from the requirements in this section.

<sup>(2614.013)</sup> (e) Waiver. For any vessel, the Captain of the Port Detroit or a designated representative may waive any of the requirements of this section upon finding that operational conditions or other circumstances are such that application of this section is unnecessary or impractical for the purposes of safety or security. (For Table I to **§165.941**, see CFR.)

(FR 5/8/2019) 22/19

**COAST PILOT 6 49 Ed 2019 07 JUL 2019**  
**LAST NM 22/19**

Chapter 2—Paragraphs 1559 to 1562; read:

<sup>(1559)</sup> **§161.17 [Removed and Reserved]**

<sup>(1560)</sup> <Deleted Paragraph>

<sup>(1561)</sup> <Deleted Paragraph>

<sup>(1562)</sup> <Deleted Paragraph>

(FR 6/28/2019) 31/19

**COAST PILOT 6 49 Ed 2019 14 JUL 2019**

Chapter 2—Paragraph 84; read:

<sup>(84)</sup> All activities (e.g., fishing, boating, diving, research, education) may be conducted unless prohibited or otherwise regulated in the site-specific regulations covered by this part, subject to any emergency regulations promulgated under this part, subject to all prohibitions, regulations, restrictions, and conditions validly imposed by any Federal, State, or local authority of competent jurisdiction, including but not limited to, Federal, Tribal, and State fishery management authorities, and subject to the provisions of section 312 of the National Marine Sanctuaries Act (NMSA) (16 U.S.C. 1431 et seq.). The Assistant Administrator may only directly regulate fishing activities pursuant to the procedure set forth in section 304(a)(5) of the NMSA.

(FR 7/8/19) 31/19

**COAST PILOT 7 51 Ed 2019 NEW EDITION**  
**(NOS) 52/18**

**COAST PILOT 7 51 Ed 2019 17 FEB 2019**  
**LAST NM 52/18**

Chapter 2—Paragraph 2113.001; read:

<sup>(2113.001)</sup> (g) The draw of the Burlington Northern Santa Fe Railroad Bridge across Ebey Slough, mile 1.5, near Marysville, WA, shall open on signal if at least four hours notice is given. The opening signal is one prolonged blast followed by one short blast. During freshets, a draw tender shall be in constant attendance, and the draw shall open on signal when so ordered by the District Commander.

(FR 12/19/2018) 10/19

**COAST PILOT 7 51 Ed 2019 10 MAR 2019**  
**LAST NM 10/19**

Chapter 7—Paragraph 207; read:

<sup>(207)</sup> The **San Francisco-Oakland Bay Bridge**, one of the longest bridges in the world, crosses the bay from **Rincon Point** in San Francisco to Yerba Buena Island, thence to Oakland. Clearances given in the San Francisco-Oakland Bay Bridge table are approximate; they may be reduced by several feet due to heavy traffic on the bridge and prolonged periods of extremely high temperature, and as much as 10 feet under extreme conditions.

(L 1034-2018; L 20-2019; L 25-2019) 13/19

**COAST PILOT 7 51 Ed 2019 17 MAR 2019**  
**LAST NM 13/19**

Chapter 2—Paragraphs 241 to 242.001; read:

<sup>(241)</sup> (iv) For a vessel less than 300 GRT or a vessel 300 GRT or greater without sufficient holding capacity to hold gray water while within the Sanctuary, clean gray water as defined by section 312 of the FWPCA;

<sup>(242)</sup> (v) Vessel engine or generator exhaust; or

<sup>(242.001)</sup> (vi) For a United States Coast Guard vessel without sufficient holding tank capacity and without a Type I or II marine sanitation device, and operating within the designated area [2015 expansion area] defined in Appendix G of this subpart, sewage and non-clean gray water as defined by section 312 of the FWPCA generated incidental to vessel use, and ammunition, pyrotechnics or other materials directly related to search and rescue and live ammunition training activities conducted by United States Coast Guard vessels and aircraft in the designated areas defined in appendix G of this subpart.

(L 1047-2018) 14/19

Chapter 2—Paragraph 244; read:

<sup>(244)</sup> (4) Discharging or depositing, from beyond the boundary of the Sanctuary, any material or other matter that subsequently enters the Sanctuary and injures a Sanctuary resource or quality, except for the material or other matter excepted in paragraphs (a)(2)(i) through (vi) and (a)(3) of this section.

(L 1047-2018) 14/19



COAST PILOT 7 (Continued)

Chapter 2—Paragraph 362.001; read:

<sup>(362.001)</sup> **Appendix G to Subpart H of Part 922 — Designated Area for Certain United States Coast Guard Discharges**

<sup>(362.002)</sup> Coordinates listed in this appendix are unprojected (Geographic Coordinate System) and based on the North American Datum of 1983 (NAD83).

<sup>(362.003)</sup> The portion of the Greater Farallones National Marine Sanctuary area [2015 expansion area] where the exception for discharges from United States Coast Guard activities applies is defined as follows. Beginning with Point 1 identified in the coordinate table in this appendix, the boundary extends from Point 1 to Point 2 in a straight line arc, and continues from Point 2 to Point 3 in a straight line arc, and from Point 3 to Point 4 in a straight line arc. From Point 4 the boundary extends east and north along a straight line arc towards Point 5 until it intersects the fixed offshore boundary between the United States and California (approximately 3 NM seaward of the coast as defined in United States vs. California, 135 S. Ct. 563 (2014)). The boundary then extends northward following the fixed offshore boundary between the United States and California until it intersects the line segment formed between Point 6 and Point 7. From this intersection, the boundary extends west along the northern boundary of Greater Farallones National Marine Sanctuary to Point 7 where it ends.

<sup>(362.004)</sup> Insert new table "Greater Farallones National Marine Sanctuary" from back of this Subsection.

(L 1047-2018) 14/19

Chapter 2—Paragraphs 482 to 483.001; read:

<sup>(482)</sup> (D) For a vessel less than 300 GRT or a vessel 300 GRT or greater without sufficient holding capacity to hold gray water while within the Sanctuary, clean gray water as defined by section 312 of the FWPCA;

<sup>(483)</sup> (E) Vessel engine or generator exhaust; or

<sup>(483.001)</sup> (F) For a United States Coast Guard vessel without sufficient holding tank capacity and without a Type I or II marine sanitation device, and operating within the designated area [2015 expansion area] defined in Appendix C of this subpart, sewage and non-clean gray water as defined by section 312 of the FWPCA generated incidental to vessel use, and ammunition, pyrotechnics or other materials directly related to search and rescue and live ammunition training activities conducted by United States Coast Guard vessels and aircraft in the designated areas defined in appendix C of this subpart.

(L 1047-2018) 14/19

Chapter 2—Paragraphs 522.001 to 522.004; read:

<sup>(522.001)</sup> **Appendix C to Subpart K of Part 922 — Designated Area for Certain United States Coast Guard Discharges**

<sup>(522.002)</sup> Coordinates listed in this appendix are unprojected (Geographic Coordinate System) and based on the North American Datum of 1983 (NAD83).

<sup>(522.003)</sup> The portion of the Cordell Bank National Marine Sanctuary area [2015 expansion area] where the exception for discharges from United States Coast Guard activities applies is defined as follows. Beginning with Point 1, identified in the coordinate table in this appendix, the boundary extends

from Point 1 to Point 2 in a straight line arc and continues in numerical order through each subsequent point to Point 38. From Point 38 the boundary extends west along the northern boundary of Cordell Bank National Marine Sanctuary to Point 39 where it ends.

<sup>(522.004)</sup> Insert table "Cordell Bank National Marine Sanctuary" from back of this Subsection.

(L 1047-2018) 14/19

Chapter 7—Paragraph 304; read:

<sup>(304)</sup> A Federal project provides for a depth of 50 feet from the Bar Channel to and including the Oakland Outer Harbor, 50 feet in the Inner Harbor Reach, thence 35 feet from the Grove Street Pier to the Park Street Bridge Reach, thence 18 feet to Tidal Canal. For detailed channel information and minimum depths as reported by the U.S. Army Corps of Engineers (USACE), use NOAA Electronic Navigational Charts. Surveys and channel condition reports are available through a USACE hydrographic survey website listed in Appendix A.

(L 43-2019) 14/19

Chapter 7—Paragraphs 336 to 337; read:

<sup>(336)</sup> A Federal project provides for a depth of 45 feet in Southampton Shoal Channel and in the maneuvering area off Richmond Long Wharf, thence 38 feet in the channels leading to the port facilities at the Port of Richmond, to a point about 2,000 feet in Santa Fe Channel, thence 30 feet in the remainder of Santa Fe Channel and the turning basin. The channel is well marked by navigational aids. For detailed channel information and minimum depths as reported by the U.S. Army Corps of Engineers (USACE), use NOAA Electronic Navigational Charts. Surveys and channel condition reports are available through a USACE hydrographic survey website listed in Appendix A. A 10,000-foot training wall is south of the dredged channel and extends west from Brooks Island.

<sup>(337)</sup> <Deleted Paragraph>

(L 44-2019; NOS 18653) 14/19

Chapter 9—Paragraph 126; read:

<sup>(126)</sup> A **Federal Project** provides for a 37-foot channel across the bar to a point 1.1 miles above the mouth of Isthmus Slough, and thence, 22 feet to Millington, 14.7 miles above the entrance to the bay. Turning basins at North Bend and Coos Bay have project depths of 37 feet. For detailed channel information and minimum depths as reported by the U.S. Army Corps of Engineers (USACE), use NOAA Electronic Navigational Charts. Surveys and channel condition reports are available through a USACE hydrographic survey website listed in Appendix A.

(L 46-2019) 14/19

Chapter 9—Paragraph 166; read:

<sup>(166)</sup> **South Slough**, shoal and navigable only for small boats, extends 4 miles south from its junction with Coos Bay near the entrance. A Federal project provides for a 17-foot entrance channel extending south from the junction for about 0.6 mile to the Charleston Boat Basin, thence a 16-foot channel continues to a highway bascule bridge. For detailed chan-

COAST PILOT 7 (Continued)

nel information and minimum depths as reported by the U.S. Army Corps of Engineers (USACE), use NOAA Electronic Navigational Charts. Surveys and channel condition reports are available through a USACE hydrographic survey website listed in Appendix A.

(L 46-2019)

14/19

Chapter 10—Paragraphs 30 to 31; read:

<sup>(30)</sup> Federal project depths in the **Columbia River** are 55 feet (48 feet in the southern quarter) over the bar, thence 43 feet past the confluence of the Willamette and Columbia Rivers to the lower turning basin at Vancouver; and thence 35 feet through the upper turning basin at Vancouver. Above Vancouver the Federal project depth is 27 feet for about 75 (86) miles to The Dalles, thence 14 feet for about 87 (100) miles to McNary Dam. For detailed channel information and minimum depths as reported by the U.S. Army Corps of Engineers (USACE), use NOAA Electronic Navigational Charts. USACE surveys and channel condition reports are available through a hydrographic survey website listed in Appendix A. Controlling depths throughout the river channels and basins may be considerably less than project depths.

<sup>(31)</sup> The depths over the lower sills of the locks at The Dalles, John Day and McNary Dams may be the controlling depth for this stretch of the river; the least sill depth (at McNary Dam) will usually exceed 12 feet at normal pool level. In the pool above McNary Dam to Pasco and Kennewick, depths range from 14 to 115 feet. Navigation on the Snake River is possible to Lewiston, ID.

(L 50-2019)

14/19

**COAST PILOT 7      51 Ed 2019      31 MAR 2019**  
**LAST NM 14/19**

Chapter 5—Paragraphs 135 to 136; read:

<sup>(135)</sup> **East Point**, the east extremity of Santa Rosa Island, is moderately high, sharp, and bold. A rock covered  $2\frac{3}{4}$  fathoms is in the kelp 0.7 mile north from the point, and a shoal with a least depth of  $2\frac{3}{4}$  fathoms is 2 miles north of the point.

<sup>(136)</sup> <Deleted Paragraph>

(L 282-2018; H 13088; NOS 18728)

16/19

Chapter 10—Paragraph 217; read:

<sup>(217)</sup> **Cowlitz River** flows into Columbia River at Mile 59 (68), just east of Longview. The mouth of the river is heavily silted as a result of the volcanic eruptions of Mount Saint Helens in 1980. Mariners are advised to use extreme caution and seek local knowledge prior to entering Cowlitz River. The former mouth of the Cowlitz River is just west of the current mouth and runs along the waterfront of Longview at the southeast end. A dredged channel with a project depth of 8 feet leads to the wharves along the west side of the channel—surveys and channel condition reports are available through the USACE hydrographic survey website listed in Appendix A. The tide varies from 4 feet at the mouth to zero at **Ostrander**, 7.8 miles above the mouth. At Kelso a stage of 20 feet is reached during ordinary freshets and a stage of 25 feet at extreme floods.

(DD 30554)

16/19

**COAST PILOT 7      51 Ed 2019      21 APR 2019**  
**LAST NM 16/19**

Chapter 4—Paragraph 36; read:

<sup>(36)</sup> A **Federal project** provides for a dredged channel with depths of 55 feet in the approach, thence 47 feet in the entrance and through North San Diego Bay to the turning basin on the northeast side of North Island (near Pier K), thence 42 feet to just northwest of the San Diego-Coronado Bay bridge, thence 37 feet to a basin southwest of the National City Marine Terminal. For detailed channel information and minimum depths as reported by the U.S. Army Corps of Engineers (USACE), use NOAA Electronic Navigational Charts. Surveys and channel condition reports are available through the USACE hydrographic survey website listed in Appendix A.

(L 167-2019; NOS 18773)

19/19

Chapter 7—Paragraph 140; read:

<sup>(140)</sup> The principal approach to San Francisco Bay is through the buoyed **Main Ship Channel** over the bar on bearing **070°** toward Alcatraz Light. A wreck covered 62 feet lies near the middle of the channel at  $37^{\circ}47'23''N.$ ,  $122^{\circ}33'16''W.$  The project depth is 55 feet in the 2,000-foot wide channel. For detailed channel information and minimum depths as reported by the U.S. Army Corps of Engineers (USACE), use NOAA Electronic Navigational Charts. Surveys and channel condition reports are available through the USACE hydrographic survey website listed in Appendix A.

(L 159-2019)

19/19

Chapter 7—Paragraph 285; read:

<sup>(285)</sup> **Redwood Creek**, 4 miles southeast of San Mateo Bridge, is entered through a marked channel that leads to the municipal wharves at the **Port of Redwood City**, 2.5 miles above the mouth. Turning basins are to the north and south of the wharves. Federal project depths are 30 feet in the channel and basins. For detailed channel information and minimum depths as reported by the U.S. Army Corps of Engineers (USACE), use NOAA Electronic Navigational Charts. Surveys and channel condition reports are available through the USACE hydrographic survey website listed in Appendix A.

(L 158-2019)

19/19

Chapter 7—Paragraphs 383 to 383.001; read:

<sup>(383)</sup> The marked channel through San Pablo Bay extends in a gentle curve north and east from the entrance to the east end. The Federal project depth is 35 feet across Pinole Shoal. For detailed channel information and minimum depths as reported by the U.S. Army Corps of Engineers (USACE), use NOAA Electronic Navigational Charts. Surveys and channel condition reports are available through the USACE hydrographic survey website listed in Appendix A.

<sup>(383.001)</sup> A regulated navigation area has been established in Pinole Shoal Channel. (See **33 CFR 165.1181(e)(2)**, Chapter 2, for limits and regulations.) Vessels that do not meet the tonnage requirements to transit the Pinole Shoal Regulated Navigation Area follow an informal transit pattern along the

COAST PILOT 7 (Continued)

25-foot curve just to the south of Pinole Shoal between the entrance to Pinole Shoal Channel (38°00'00"N., 122°25'00"W.) and the entrance to Carquinez Strait.

(L 160-2019) 19/19

Chapter 7—Paragraph 442; read:

<sup>(442)</sup> **Suisun Bay** is a broad shallow body of water with marshy shores and filled with numerous marshy islands, many of which have been reclaimed and are now under cultivation. It is practically the delta of the Sacramento and San Joaquin Rivers which empty into the east part of the bay. A dredged channel leads from the east end of Carquinez Strait along the southern part of Suisun Bay to the south part of Honker Bay. Another dredged channel leads through New York Slough to the San Joaquin River. The project depths for these channels is 35 feet. For detailed channel information and minimum depths as reported by the U.S. Army Corps of Engineers (USACE), use NOAA Electronic Navigational Charts. Surveys and channel condition reports are available through the USACE hydrographic survey website listed in Appendix A.

(L 161-2019; NOS 18657; NOS 18658; NOS 18666; NOS 18659) 19/19

Chapter 9—Paragraph 189; read:

<sup>(189)</sup> A **Federal project** provides for depths of 26 feet in the entrance channel, thence 22 feet to Gardiner and Reedsport, and 22 feet in the turning basin at Reedsport. For detailed channel information and minimum depths as reported by the U.S. Army Corps of Engineers (USACE), use NOAA Electronic Navigational Charts. Surveys and channel condition reports are available through the USACE hydrographic survey website listed in Appendix A.

(L 47-2019) 19/19

Chapter 9—Paragraph 199; read:

<sup>(199)</sup> **West Basin and East Basin**, 1.8 and 2.3 miles above the entrance respectively, are small-craft basins entered through dredged channels that lead from the main river channel. The entrance channel to West Basin is marked by a light and daybeacon and the entrance to East Basin is marked by two lights. For detailed channel information and minimum depths as reported by the U.S. Army Corps of Engineers (USACE), use NOAA Electronic Navigational Charts. Surveys and channel condition reports are available through the USACE hydrographic survey website listed in Appendix A.

(L 47-2019) 19/19

Chapter 9—Paragraph 256; read:

<sup>(256)</sup> A **Federal project** provides for a 40-foot entrance channel, thence 30 feet from the first turn in the channel to and in the turning basin at McLean Point, thence 18 feet to Yaquina, thence 10 feet to Toledo at the head of the project. For detailed channel information and minimum depths as reported by the U.S. Army Corps of Engineers (USACE), use NOAA Electronic Navigational Charts. Surveys and channel condition reports are available through the USACE hydrographic survey website listed in Appendix A.

(L 66-2019) 19/19

Chapter 11—Paragraph 92; read:

<sup>(92)</sup> A dredged channel leads northeast and then east between two jetties at the mouth of Grays Harbor. The channel continues in a generally east direction through the flats of Grays Harbor and into the Chehalis River to the city of Cosmopolis. For detailed channel information and minimum depths as reported by the U.S. Army Corps of Engineers (USACE), use NOAA Electronic Navigational Charts. Surveys and channel condition reports are available through the USACE hydrographic survey website listed in Appendix A. The entrance to Grays Harbor is marked by two lighted ranges and lighted whistle buoys. The channel inside is marked by lighted ranges, lights and lighted buoys to Cosmopolis. There is no deep-draft navigation above Cosmopolis.

(L 166-2019) 19/19

Chapter 12—Paragraph 392; read:

<sup>(392)</sup> Several bridges and overhead power/telephone cables cross Swinomish Channel—minimum clearance of the cables is 72 feet. At the Padilla Bay entrance, the railroad swing bridge has a vertical clearance of 8 feet. The span is left in the open position until a train approaches. Twin fixed highway bridges 0.2 mile south of the swing bridge have a vertical clearance of 75 feet. Just south of La Conner, the highway fixed bridge has a vertical clearance of 75 feet for a center width of 275 feet.

(L 75-2019) 19/19

Chapter 13—Paragraph 205; read:

<sup>(205)</sup> **Lake Washington Ship Canal** extends from Puget Sound through Shilshole Bay, Salmon Bay, Lake Union, Portage Bay, and Union Bay to deep water in Lake Washington. The canal is the only entrance from Puget Sound to Lake Union and Lake Washington and is highly trafficked by recreational boats, fishing vessels, and commercial vessels. The entrance to the canal is marked by lighted buoys. The **Federal project** depths in the entrance are 34 feet, and 30 feet through the canal. For detailed channel information and minimum depths as reported by the U.S. Army Corps of Engineers (USACE), use NOAA Electronic Navigational Charts. Surveys and channel condition reports are available through the USACE hydrographic survey website listed in Appendix A.

(L 163-2019; NOS 18447) 19/19

Chapter 13—Paragraph 242; read:

<sup>(242)</sup> A dredged channel with two settling basins extends inside a training dike along the east side of **Jetty Island** and in the Snohomish River around the north half of the city to a lumbermill 6 miles above Port Gardner. The channel is marked by lights, buoys, lighted and unlighted ranges. The second settling basin is subject to continual shoaling. For detailed channel information and minimum depths as reported by the U.S. Army Corps of Engineers (USACE), use NOAA Electronic Navigational Charts. Surveys and channel condition reports are available through the USACE hydrographic survey website listed in Appendix A.

(L 162-2019) 19/19

COAST PILOT 7 (Continued)

Chapter 13—Paragraph 471; read:

<sup>(471)</sup> The next two channels to the northeast of Sitcum Waterway, **Blair Waterway** and **Hylebos Waterway**, are maintained as **Federal projects**. The entrance to Hylebos Waterway is marked by a lighted buoy off a shoal on the north side and a private light on the south side at the northwest end of Pier 25. The entrance to Blair Waterway is marked by a private lighted buoy on the southwest side. For detailed channel information and minimum depths as reported by the U.S. Army Corps of Engineers (USACE), use NOAA Electronic Navigational Charts. Surveys and channel condition reports are available through the USACE hydrographic survey website listed in Appendix A.

(L 164-2019) 19/19

Chapter 13—Paragraphs 569 to 570; read:

<sup>(569)</sup> A **Federal project** provides for a 30-foot channel from deepwater in Budd Inlet to a 30-foot turning basin off the west side of the port terminal near the head of West Bay—the channel is marked by lighted and unlighted buoys, lights and lighted ranges. Another channel, with a project depth of 13 feet, leads southeast from the 30-foot outer channel to a mooring basin on the east side of the peninsula at the head of East Bay—the channel is marked by lights. For detailed channel information and minimum depths as reported by the U.S. Army Corps of Engineers (USACE), use NOAA Electronic Navigational Charts. Surveys and channel condition reports are available through the USACE hydrographic survey website listed in Appendix A.

<sup>(570)</sup> <Deleted Paragraph>  
(L 165-2019) 19/19

Chapter 14—Paragraph 690; read:

<sup>(690)</sup> A **Federal project** provides for a 45-foot Honolulu Entrance Channel from **Māmala Bay**, thence 40 feet in the main harbor basin. The project also provides for a 23-foot channel leading from Māmala Bay through Kalihi Channel on the west side of Sand Island to Kapālama Basin. The connecting channel between main harbor basin and Kapālama Basin has a 40-foot project depth with 40 feet in the Kapalama Basin. For detailed channel information and minimum depths as reported by the U.S. Army Corps of Engineers (USACE), use NOAA Electronic Navigational Charts. Surveys and channel condition reports are available through the USACE hydrographic survey website listed in Appendix A.

(L 168-2019) 19/19

**COAST PILOT 7      51 Ed 2019      05 MAY 2019**  
**LAST NM 19/19**

Chapter 2—Paragraphs 2029 to 2033; read:

<sup>(2029)</sup> **§117.899 Youngs Bay and Lewis and Clark River.**

<sup>(2030)</sup> (a) The draw of the US101 (New Youngs Bay) highway bridge, mile 0.7, across Youngs Bay at Smith Point, shall open on signal for the passage of vessels if at least one half-hour notice is given to the draw tender at the Lewis and Clark River Bridge by marine radio, telephone, or other suitable means from 7 a.m. to 5 p.m. Monday through Friday.

During all other times, including weekends from 5 p.m. on Friday until 7 a.m. on Monday, and all Federal holidays except Columbus Day, the draw shall open on signal if at least a two-hour notice is given to the Oregon Department of Transportation (ODOT) by telephone. The opening signal shall be two prolonged blasts followed by one short blast.

<sup>(2031)</sup> (b) The draw of the Oregon State (Old Youngs Bay) highway bridge, mile 2.4, across Youngs Bay foot of Fifth Street, shall open on signal for the passage of vessels if at least one half-hour notice is given to the draw tender at the Lewis and Clark River Bridge by marine radio, telephone, or other suitable means from 7 a.m. to 5 p.m. Monday through Friday. During all other times, including weekends from 5 p.m. on Friday until 7 a.m. on Monday, and all Federal holidays except Columbus Day, the draw shall open on signal if at least a two-hour notice is given to ODOT by telephone. The opening signal shall be two prolonged blasts followed by one short blast.

<sup>(2032)</sup> (c) The draw of the Oregon State (Lewis and Clark River) highway bridge, mile 1.0, across the Lewis and Clark River, shall open on signal for the passage of vessels if at least one half hour notice is given by marine radio, telephone, or other suitable means from 7 a.m. to 5 p.m. Monday through Friday. During all other times, including weekends from 5 p.m. on Friday until 7 a.m. on Monday, and all Federal holidays except Columbus Day, the draw shall open on signal if at least a two-hour notice is given to ODOT by telephone. The opening signal shall be two prolonged blasts followed by four short blasts.

<sup>(2033)</sup> <Deleted Paragraph>  
(FR 4/30/2019) 21/19

**COAST PILOT 7      51 Ed 2019      19 MAY 2019**  
**LAST NM 21/19**

Chapter 2—Paragraphs 324 to 325; read:

<sup>(324)</sup> **Port Gamble Bay** is a small bay on the east shore of Hood Canal 5 miles from the entrance. It is 2 miles long with a narrow entrance. A dredged entrance channel, marked by lights, leads from deep water in Hood Canal into Port Gamble Bay. In 1986, the controlling depth was 23 feet.

<sup>(325)</sup> <Deleted Paragraph>  
(LNM 4/3/18 CG13) 23/19

Chapter 2—Paragraph 381; read:

<sup>(381)</sup> **Alden Bank**, 3 miles north of Matia Island, within the 10-fathom curve is about 3 miles long in a southeast direction. The shallowest part is near the southeast end of the bank with depths of 2¼ to 4 fathoms covering a considerable area and marked by kelp. The bank is marked by a lighted gong buoy off its northwest end, a lighted bell buoy off its southeast end. Caution is advised due to the heavy concentrations of crab pots and marker buoys, especially in the southern part of the bank.

(LL 2019; NOS 18421) 23/19

COAST PILOT 7 (Continued)

Chapter 11—Paragraph 222; read:

<sup>(222)</sup> **Duncan Rock** and **Duntze Rock**, the two principal dangers north-northwest of Tatoosh Island, are respectively, 1 mile and 1.3 miles from the light. Duncan Rock is small, low, and black; Duntze Rock is covered 2¾ fathoms. A lighted whistle buoy is ¾ mile northwest of Duntze Rock. Ledges and rocks constrict the passage between Duncan Rock and Tatoosh Island to less than 0.5 mile, and strong currents and tide rips make it hazardous.

(NOS 18485) 23/19

**COAST PILOT 7 51 Ed 2019 26 MAY 2019**  
**LAST NM 23/19**

Chapter 13—Paragraph 124.001; read:

<sup>(124.001)</sup> A **regulated area**, prohibiting anchoring, dredging and bottom fishing among other activities, is in the eastern part of Eagle Harbor covering much of the entrance—see **33 CFR 165.1** through **165.40** and **165.1309**, chapter 2, for limits and regulations.

(33 CFR 165.1309; NOS 18449) 24/19

**COAST PILOT 7 51 Ed 2019 02 JUN 2019**  
**LAST NM 24/19**

Chapter 14—Paragraph 475; read:

<sup>(475)</sup> **Pier 2**: 894 feet of berthing space along the northeast side, 24 feet reported alongside with a reported 19-foot high spot alongside the pier at 20°53'43"N., 156°28'04"W.; deck height, 9½ feet; 288 feet of berthing space along the outer end, 24 feet reported alongside; receipt and shipment of conventional and containerized cargo and automobiles; receipt of lumber, bulk cement, and liquefied petroleum gases.

(IDMS 33429) 25/19

**COAST PILOT 7 51 Ed 2019 23 JUN 2019**  
**LAST NM 25/19**

Chapter 7—Paragraphs 327 to 328; read:

<sup>(327)</sup> **Berkeley**, the site of the University of California, adjoins Oakland and **Emeryville** to the north. The long pier extending into the bay is marked by a light; the outer 1.7 miles of the pier is in ruins. In clear weather the Campanile (bell tower) at the university shows prominently from the bay.

<sup>(328)</sup> **Berkeley Marina**, on the north side of the long pier, is protected at the entrance by two detached breakwaters. The south breakwater is marked by a light in the center and at each end. The north breakwater is marked by lights on each end. The north side of the entrance into the harbor is marked by a private light, and the south side by a private light and sound signal. **Berkeley Reef**, awash, is 0.9 mile northwest from the harbor entrance and marked by a light. The best water for entering the harbor is reported to be in the south entrance. Occasionally, there are reports of vessels grounding in the northern approach. The marina accommodates 1,100 boats and can provide electricity, gasoline, diesel fuel, pumpout facility and launching ramp. All vessels entering the harbor must contact the harbormaster's office on the south side of

the harbor.

(L 238-2019) 28/19

**COAST PILOT 7 51 Ed 2019 30 JUN 2019**  
**LAST NM 28/19**

Chapter 2—Paragraph 2058.001; read:

<sup>(2058)</sup> (2) The draw of the South Park Bridge, mile 3.8, need not be opened for the passage of vessels from 6:30 a.m. to 8:30 a.m. and from 3:30 p.m. to 5:30 p.m., Monday through Friday except, Federal holidays, other than Columbus Day.

<sup>(2058.001)</sup> (3) Between the hours of 11 p.m. and 7 a.m., Monday through Sunday, the South Park Bridge shall open if at least a 12 hour notice is given by telephone or VHF radio to the drawtender at the South Park Bridge. If emergency responders require a bridge opening between 11 p.m. and 7 a.m., the South Park Bridge shall open within 45 minutes from initial notification to the Fremont Bridge operator. Vessels engaged in sea-trials or dredging activities may request a standby drawtender to open the bridge, on demand, during sea-trials and/or dredging operations, if at least a 24 hour notice is given to the South Park Bridge drawtender.

(FR 6/20/2019) 29/19

Chapter 14—Paragraph 894; read:

<sup>(894)</sup> <Deleted Paragraph>  
(IDMS 33578) 29/19

**COAST PILOT 7 51 Ed 2019 07 JUL 2019**  
**LAST NM 29/19**

Chapter 2—Paragraphs 2718 to 2721; read:

<sup>(2718)</sup> **\$161.17 [Removed and Reserved]**

<sup>(2719)</sup> <Deleted Paragraph>

<sup>(2720)</sup> <Deleted Paragraph>

<sup>(2721)</sup> <Deleted Paragraph>

(FR 6/28/2019) 31/19

Chapter 2—Paragraph 2777; read:

<sup>(2777)</sup> (3) A vessel of less than 100 meters in length is exempt from the provisions set forth in **§161.13(b)(3)** of this part.

(FR 6/28/2019) 31/19

**COAST PILOT 8 41 Ed 2019 NEW EDITION**  
(NOS) 26/19

**COAST PILOT 9 36 Ed 2018 NEW EDITION**  
(NOS) 33/18

**COAST PILOT 9 36 Ed 2018 26 AUG 2018**  
**LAST NM 33/18**

Chapter 8—Paragraph 81; read:

<sup>(81)</sup> **Kudobin Islands**, on the west side of the entrance to Port Moller between Lagoon Point and **Cape Rozhnof**, are low and difficult to identify. **Walrus Island**, the easternmost island of the group, has a distinctive 20-foot knob on its east

COAST PILOT 9 (Continued)

end.  
(LNM 33/18 CG17) 36/18

**COAST PILOT 9 36 Ed 2018 25 NOV 2018**  
**LAST NM 36/18**

Chapter 2—Paragraphs 975.001 to 975.003; read:  
(975.001) (h) International Electrotechnical Commission (IEC), 3, rue de Varembe, Geneva, Switzerland, +41 22 919 02 11, <http://www.iec.ch/>. Email: [info@iec.ch](mailto:info@iec.ch).

(975.002) (1) IEC 62065 (IEC 62065 2002–03), Maritime navigation and radiocommunication equipment and systems—Track control systems—Operational and performance requirements, methods of testing and required test results, First Edition, dated 2002, IBR approved for § **164.13(d)**.

(975.003) (2) IEC 62065 (IEC 62065 2014–02), Maritime navigation and radiocommunication equipment and systems—Track control systems—Operational and performance requirements, methods of testing and required test results, Edition 2.0, dated 2014, IBR approved for § **164.13(d)**.  
(FR 11/5/2018) 50/18

Chapter 2—Paragraphs 1015 to 1026; read:  
(1015) (d) This paragraph (d) has preemptive effect over State or local regulation within the same field. A tanker may navigate using a heading or track control system only if:

(1015.001) (1) The tanker is at least one-half nautical mile (1,012 yards) beyond the territorial sea baseline, as defined in **33 CFR 2.20**;

(1015.002) (i) Not within waters specified in **33 CFR part 110** (anchorage), or; (ii) Not within waters specified as precautionary areas in **33 CFR part 167**, and;

(1015.003) (2) There is a person, competent to steer the vessel, present to assume manual control of the steering station at all times including, but not limited to, the conditions listed in **46 CFR 35.20–45(a)** through **(c)**; and

(1015.004) (3) The system meets the heading or track control specifications of either IEC 62065 (2002–03) or IEC 62065 (2014–02) (incorporated by reference, see § **164.03**).

- (1016) <Deleted Paragraph>
  - (1017) <Deleted Paragraph>
  - (1018) <Deleted Paragraph>
  - (1019) <Deleted Paragraph>
  - (1020) <Deleted Paragraph>
  - (1021) <Deleted Paragraph>
  - (1022) <Deleted Paragraph>
  - (1023) <Deleted Paragraph>
  - (1024) <Deleted Paragraph>
  - (1025) <Deleted Paragraph>
  - (1026) <Deleted Paragraph>
- (FR 11/5/2018) 50/18

**COAST PILOT 9 36 Ed 2018 09 DEC 2018**  
**LAST NM 50/18**

Chapter 9—Paragraphs 116 to 117.001; read:  
(116) **Point Hope**, 22 miles northwest of Cape Thompson

and 102 miles from Cape Krusenstern, is the seaward extremity of a low tongue of land that projects 16 miles west from the general line of the coastal mountains. The point has a steep shingle beach that is backed by numerous lagoons. Point Hope is the most important and oldest settlement along this part of the coast and has a telecommunications center and volunteer search and rescue center that can be contacted on VHF-FM channels 16 and 68. There is an airport here, a school, police and fire station. Services include a radio and cable television station, internet and cellular service. There are no port facilities or dock at Point Hope. Limited quantities of marine gasoline and diesel fuel are barged to the beach south of the airport. An aero radiobeacon (68°21.0'N., 166°47.2'W.) is at the airport, about 1.4 miles northeast of the tip of Point Hope.

(116.001) Subsistence whaling at Point Hope occurs in the spring (April–May) and fall (September–October) as far as 30 miles offshore. Vessels transiting in the vicinity of Point Hope during these times are requested to contact the Alaska Eskimo Whaling Commission and the Point Hope communications center on VHF-FM channel 68.

(117) Depths of 4 fathoms are found 7 miles northwest of Point Hope—a strong westerly 2-knot-current is just south of here. A 2¼-fathom shoal extends about 2 miles from shore 6 miles east-southeast of the point. Vessels have anchored in depths of 6 fathoms about 0.8 mile south of Point Hope and in 5 fathoms 0.5 mile northeast of the tip of the point.

(117.001) In 2018, NOAA Ship Fairweather anchored about 3 miles west-southwest of Point Hope in 20 fathoms and 5 miles northeast of the point in 10 fathoms. The west-southwest anchorage affords little protection from weather and experiences strong current, but held well. The northeast anchorage is preferred for weather from the south and offers some protection from swell with good holding in sandy bottom.

(L 1046-2018; NOS 16005) 52/18

**COAST PILOT 9 36 Ed 2018 23 DEC 2018**  
**LAST NM 52/18**

Chapter 5—Paragraph 348; read:  
(348) **Nyman Peninsula**, on the west side of the entrance to Womens Bay, forms a protected inner bay. A prominent radio tower marks the southwest side of the peninsula and is a good landmark for navigation and turn bearings. **Nyman Spit**, a submerged sandspit, extends about 800 yards south-east from the south end of the peninsula; a lighted buoy marks its outer end.

(L 606-2018; NOS 16595) 9/19

**COAST PILOT 9 36 Ed 2018 14 APR 2019**  
**LAST NM 09/19**

Chapter 4—Paragraph 1669; read:  
(1669) The main channel presently proceeds up the west side of the upper Inlet to the east of Phillips-A Platform and west and north of Beluga Shoal, south of Susitna Flats, north of Fire Island Shoal and Fire Island and between Knik Arm Shoal and Woronzof Shoal. The channel is marked by lighted ranges and seasonal buoys at critical locations. For

COAST PILOT 9 (Continued)

detailed channel information and minimum depths as reported by the U.S. Army Corps of Engineers (USACE), use NOAA Electronic Navigational Charts. Surveys and channel condition reports are available through a USACE hydrographic survey website listed in Appendix A.

(L 42-2019; LNM 14/19 CG17;  
NOS 16665; NOS 16663) 18/19

Chapter 6—Paragraphs 724.001 to 725; read:

<sup>(724.001)</sup> A rock, covered  $2\frac{3}{4}$  fathoms is between Pankof Braker and the southeast point of the entrance to East Anchor Cove at 54°42'04"N, 163°02'0"W.

<sup>(725)</sup> **East Anchor Cove**, on the north side of Cape Pankof, is a good anchorage except for winds from the north to southeast, through east. The cove is large and easily entered. An abandoned fishtrap is just inside the southeast entrance point. Anchorage may be selected as desired in 7 to 10 fathoms.

(L 1101-2018; LNM 29/18 CG17; DD 29652) 18/19

**COAST PILOT 9      36 Ed 2018      07 JUL 2019**  
**LAST NM 18/19**

Chapter 2—Paragraphs 859 to 862; read:

<sup>(859)</sup> **§161.17 [Removed and Reserved]**

<sup>(860)</sup> <Deleted Paragraph>

<sup>(861)</sup> <Deleted Paragraph>

<sup>(862)</sup> <Deleted Paragraph>

(FR 6/28/2019) 31/19

**Structures across Piscataqua River and its Tributaries**

<b>Name-Description-Type</b>	<b>Location</b>	<b>Clear Width of Draw or Span Opening (feet)</b>	<b>Clear Height above Mean High Water (feet)</b>	<b>Information</b>
<b>Back Channel</b>				
Highway Bridge (fixed)	43°05'06"N., 70°44'09"W.	90	8	Note 1 Vertical clearance is at center of span
US Navy Bridge 1 (highway/railroad-fixed)	43°05'05"N., 70°44'30"W.	56	7	Note 2
Overhead cable	43°05'04"N., 70°44'32"W.		65	
<b>Piscataqua River</b>				
Memorial (US Route 1) Bridge (vertical lift)	43°04'45"N., 70°45'09"W.	275	21 (down), 150 (up)	Notes 3 and 4
Memorial (US Route 1) Bridge (fixed)	43°05'00"N., 70°45'04"W.	98	11	Between Badgers Island and Kittery Vertical clearance is at center of span
Sarah Mildred Long Bridge (highway/railroad-vertical lift)	43°05'10"N., 70°45'40"W.	254	16 (down), 56 (mid) 135 (up)	Notes 3 and 5
Interstate 95 Highway Bridge (fixed)	43°05'34"N., 70°46'00"W.	440	134	
Overhead power cables	43°05'58"N., 70°47'00"W.		165	
Overhead power cables	43°10'18"N., 70°49'36"W.		65	
<b>Salmon Falls River</b>				
Toll Bridge (highway-fixed)	43°11'25"N., 70°49'30"W.	36	5	
<b>Cocheco River</b>				
Overhead power cable	43°11'44"N., 70°51'37"W.		65	
Overhead power cable	43°11'49"N., 70°51'45"W.		34	
Overhead power cable	43°11'49"N., 70°51'48"W.		44	
Overhead power cable	43°11'50"N., 70°51'53"W.		34	
Overhead power cable	43°11'50"N., 70°52'12"W.		35	
<b>Little Bay</b>				
General Sullivan Bridge (highway/pedestrian-fixed)	43°07'02"N., 70°49'31"W.	200	33	
<b>Bellamy River</b>				
Scammel Bridge (highway-fixed)	43°07'45"N., 70°05'56"W.	87	11	
Overhead power cable	43°09'48"N., 70°51'28"W.		32	
<b>Squamscott River</b>				
Boston & Maine Railroad Bridge (fixed)	43°03'10"N., 70°54'45"W.	30	5	
Overhead power cable	43°02'35"N., 70°55'15"W.		50	
Route 108 Bridge (fixed)	43°02'22"N., 70°55'42"W.	108	11	
Overhead power cable	43°00'44"N., 70°56'23"W.		55	
Route 101 Bridge (fixed)	43°00'00"N., 70°56'23"W.	146	26	

Note 1 – Navigation channel is reported to be northward of the center pier.  
 Note 2 – Navigation channel is reported to be under the second span from the south end of the bridge.  
 Note 3 – See 33 CFR 117.1 through 117.59 and 117.531, Chapter 2, for drawbridge regulations.  
 Note 4 – Bridgetender monitors VHF-FM channel 16 and works on channel 13; call sign KBK-472.  
 Note 5 – Bridgetender monitors VHF-FM channel 16 and works on channel 13; call sign KAW-766.



**Structures across Jamaica Bay and its Tributaries**

<b>Name-Description-Type</b>	<b>Location</b>	<b>Clear Width of Draw or Span Opening (feet)</b>	<b>Clear Height above Mean High Water (feet)</b>	<b>Information</b>
<b>Jamaica Bay</b>				
Gil Hodges Memorial Bridge (vertical lift)	40°44'21"N., 73°57'09"W.	475	55 (down), 152 (up)	Notes 1 and 2 Call sign KIL-819
Cross Bay Memorial Bridge (fixed)	40°35'33"N., 73°49'13"W.	200	52	Beach Channel crossing
Railroad Bridge (swing)	40°35'45"N., 73°48'39"W.	101	26	Beach Channel crossing Note 6
Railroad Bridge (fixed)	40°38'40"N., 73°49'31"W.	100	26	North Channel crossing Note 6
Cross Bay Boulevard Bridge (fixed)	40°38'40"N., 73°50'10"W.	102	26	North Channel crossing
Pedestrian bridge (fixed)	40°34'57"N., 73°56'58"W.	39	8	Sheepshead Bay crossing
Belt Parkway Bridge (fixed)	40°35'10"N., 73°54'45"W.	177	35	Gerritsen Inlet crossing
Shore Parkway Bridge (bascule)	40°36'18"N., 73°53'57"W.	135	34	Mill Basin crossing Notes 1, 2, 4 and 5 Call sign KX-8185 Bridge under construction
Shore Parkway Bridge (fixed)	40°37'19"N., 73°53'48"W.	98	29	Paerdegat Basin crossing
Shore Parkway Bridge (fixed)	40°38'18"N., 73°52'43"W.	63	21	Fresh Creek crossing
Shore Parkway Bridge (fixed)	40°38'47"N., 73°52'25"W.	46	20	Hendrix Creek crossing
Pedestrian Bridge (fixed)	40°39'12"N., 73°49'54"W.	63	17	Hawtree Basin crossing
<b>Hook Creek</b>				
Meyer Avenue Bridge (fixed)	40°38'11"N., 73°44'29"W.	24	8	
Rockaway Turnpike Bridge (fixed)	40°38'07"N., 73°44'24"W.	29	4	
Rockaway Turnpike Bridge (fixed)	40°37'55"N., 73°44'22"W.	33	12	
East Avenue Bridge (fixed)	40°38'04"N., 73°44'26"W.	30	3	
<b>Motts Basin</b>				
Overhead power cable	40°37'01"N., 73°45'40"W.		70	Across north arm
Overhead power cable	40°36'42"N., 73°45'39"W.		95	Across south arm
Overhead power cable	40°36'42"N., 73°45'35"W.		92	Across south arm
Note 1 – See 33 CFR 117.1 through 117.59 and 117.795, Chapter 2, for drawbridge regulations. Note 2 – Bridgetender monitors VHF-FM channel 13. Note 3 – <b>Safety Zone</b> , see 33 CFR 165.1 through 165.9, 165.20 and 165.23, and 165.T01-0471, Chapter 2, for limits and regulations. Note 4 – <b>Safety Zone</b> , see 33 CFR 165.1 through 165.9, 165.20 and 165.23, and 165.161, Chapter 2, for limits and regulations. Note 5 – Manners are requested to avoid causing bridge openings during peak commuter hours of 0700 to 0900 and 1600 to 1800 Monday through Friday. Note 6 – The trestle crossing East Broad Channel of this railroad is closed to navigation.				

**COAST PILOT 2**

**CFR Title List**

<p><b>Title 15: Commerce and Foreign Trade</b>                  Part 922—National Marine Sanctuary Program Regulations</p> <p><b>Title 33: Navigation and Navigable Waters</b>                  Part 26—Vessel Bridge-to-Bridge Radiotelephone Regulations                  Part 80—COLREGS Demarcation Lines                  Part 81—72 COLREGS: Implementing Rules                  Part 82—72 COLREGS: Interpretive Rules                  Part 88—Annex V: Pilot Rules                  Part 89—Inland Navigation Rules: Implementing Rules                  Part 90—Inland Rules: Interpretive Rules                  Part 110—Anchorage Regulations                  Part 117—Drawbridge Operation Regulations                  Part 157—Rules for the Protection of the Marine Environment Relating to Tank Vessels Carrying Oil in Bulk (in part)                  Part 160—Ports and Waterways Safety-General                  Part 162—Inland Waterways Navigation Regulations                  Part 164—Navigation Safety Regulations (in part)                  Part 165—Regulated Navigation Areas and Limited Access Areas                  Part 166—Shipping Safety Fairways                  Part 167—Offshore Traffic Separation Schemes                  Part 169—Ship Reporting Systems                  Part 207—Navigation Regulations                  Part 334—Danger Zones and Restricted Area Regulations</p> <p><b>Title 40: Protection of Environment</b>                  Part 140—Marine Sanitation Device Standard</p> <p><b>Title 46: Shipping</b>                  Part 15—Manning Requirements</p> <p><b>Title 50: Wildlife and Fisheries</b>                  Part 222—General Endangered and Threatened Marine Species                  Part 224—Endangered Marine and Anadromous Species                  Part 226—Designated Critical Habitat</p>
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**Greater Farallones National Marine Sanctuary**

<b>Point No.</b>	<b>Latitude</b>	<b>Longitude</b>
1	39.00000	-124.33350
2	38.29989	-123.99988
3	38.29989	-123.20005
4	38.26390	-123.18138
5 <sup>1</sup>	38.29896	-123.05989
6 <sup>1</sup>	39.00000	-123.75777
7	39.00000	-124.33350

<sup>1</sup> These coordinates are not a part of the boundary for the Designated Area for Certain United States Coast Guard Discharges. These coordinates are reference points used to draw line segments that intersect with the fixed offshore boundary between the United States and California.

**COAST PILOT 7**

**Cordell Bank National Marine Sanctuary**

<b>Point No.</b>	<b>Latitude</b>	<b>Longitude</b>
1	38.29989	-123.99988
2	37.76687	-123.75143
3	37.76716	-123.42758
4	37.77033	-123.43466
5	37.78109	-123.44694
6	37.78383	-123.45466
7	37.79487	-123.46721
8	37.80094	-123.47313
9	37.81026	-123.46897
10	37.81365	-123.47906
11	37.82296	-123.49280
12	37.84988	-123.51749
13	37.86189	-123.52197
14	37.87637	-123.52192
15	37.88541	-123.52967
16	37.90725	-123.53937
17	37.92288	-123.54360
18	37.93858	-123.54701
19	37.94901	-123.54777
20	37.95528	-123.56199
21	37.96683	-123.57859
22	37.97761	-123.58746
23	37.98678	-123.59988
24	37.99847	-123.61331
25	38.01366	-123.62494
26	38.01987	-123.62450
27	38.02286	-123.61531
28	38.02419	-123.59864
29	38.03409	-123.59904
30	38.04614	-123.60611
31	38.05308	-123.60549
32	38.06188	-123.61546
33	38.07451	-123.62162
34	38.08289	-123.62065
35	38.11256	-123.63344
36	38.13219	-123.64265
37	38.26390	-123.18138
38	38.29989	-123.20005
39	38.29989	-123.99988

<b>PUB 120</b> (NGA)	<b>13 Ed 2018</b>	<b>NEW EDITION</b> 25/18	NGA Maritime Website. (NGA)	8/18
Pub. 120 has been updated to 2 March 2019, including Notice to Mariners 9/2019, and can be downloaded from the NGA Maritime Website. (NGA)			13/19	
<b>PUB 123</b> (NGA)	<b>16 Ed 2017</b>	<b>NEW EDITION</b> 49/17	Pub. 125 has been updated to 25 August 2018, including Notice to Mariners 34/2018, and can be downloaded from the NGA Maritime Website. (NGA)	36/18
Pub. 123 has been updated to 26 May 2018, including Notice to Mariners 21/2018, and can be downloaded from the NGA Maritime Website. (NGA)			23/18	
<b>PUB 124</b> (NGA)	<b>15 Ed 2017</b>	<b>NEW EDITION</b> 07/17	Pub. 126 has been updated to 9 December 2017, including Notice to Mariners 49/2017, and can be downloaded from the NGA Maritime Website. (NGA)	52/17
Pub. 124 has been updated to 24 November 2018, including Notice to Mariners 47/2018, and can be downloaded from the NGA Maritime Website. (NGA)			52/18	
Pub. 123 has been updated to 11 May 2019, including Notice to Mariners 19/2019, and can be downloaded from the NGA Maritime Website. (NGA)			23/19	
<b>PUB 125</b> (NGA)	<b>15 Ed 2017</b>	<b>NEW EDITION</b> 30/17	Pub. 126 has been updated to 7 July 2018, including Notice to Mariners 27/2018, and can be downloaded from the NGA Maritime Website. (NGA)	30/18
Pub. 124 has been updated to 3 June 2017, including Notice to Mariners 22/2017, and can be downloaded from the NGA Maritime Website. (NGA)			26/17	
Pub. 124 has been updated to 7 April 2018, including Notice to Mariners 14/2018, and can be downloaded from the NGA Maritime Website. (NGA)			19/18	
Pub. 124 has been updated to 7 July 2018, including Notice to Mariners 27/2018, and can be downloaded from the NGA Maritime Website. (NGA)			6/19	
Pub. 124 has been updated to 13 April 2019, including Notice to Mariners 15/2019, and can be downloaded from the NGA Maritime Website. (NGA)			21/19	
<b>PUB 126</b> (NGA)	<b>12 Ed 2017</b>	<b>NEW EDITION</b> 17/17	Pub. 126 has been updated to 27 October 2018, including Notice to Mariners 43/2018, and can be downloaded from the NGA Maritime Website. (NGA)	48/18
Pub. 126 has been updated to 26 January 2019, including Notice to Mariners 4/2019, and can be downloaded from the NGA Maritime Website. (NGA)			10/19	
<b>PUB 127</b> (NGA)	<b>14 Ed 2017</b>	<b>NEW EDITION</b> 19/17	Pub. 127 has been updated to 9 December 2017, including Notice to Mariners 49/2017, and can be downloaded from the NGA Maritime Website. (NGA)	52/17
Pub. 127 has been updated to 14 July 2018, including Notice to Mariners 28/2018, and can be downloaded from the NGA Maritime Website. (NGA)			30/18	
<b>PUB 125</b> (NGA)	<b>15 Ed 2017</b>	<b>NEW EDITION</b> 30/17	Pub. 127 has been updated to 23 March 2019, including Notice to Mariners 12/2019, and can be downloaded from the NGA Maritime Website. (NGA)	13/19
Pub. 125 has been updated to 13 January 2018, including Notice to Mariners 2/2018, and can be downloaded from the				

<b>PUB 131</b> (NGA)	<b>17 Ed 2017</b>	<b>NEW EDITION</b> 18/17	<b>PUB 141</b> (NGA)	<b>16 Ed 2018</b>	<b>NEW EDITION</b> 31/18
Pub. 131 has been updated to 29 July 2017, including Notice to Mariners 30/2017, and can be downloaded from the NGA Maritime Website. (NGA)			Pub. 141 has been updated to 23 February 2019, including Notice to Mariners 8/2019, and can be downloaded from the NGA Maritime Website. (NGA)		
		33/17			13/19
Pub. 131 has been updated to 28 October 2017, including Notice to Mariners 43/2017 and can be downloaded from the NGA Maritime Website. (NGA)			<b>PUB 142</b> (NGA)	<b>15 Ed 2018</b>	<b>NEW EDITION</b> 35/18
Pub. 131 has been updated to 24 March 2018, including Notice to Mariners 12/2018, and can be downloaded from the NGA Maritime Website. (NGA)			Pub. 142 has been updated to 11 May 2019, including Notice to Mariners 19/2019, and can be downloaded from the NGA Maritime Website. (NGA)		
		46/17			23/19
Pub. 131 has been updated to 2 March 2019, including Notice to Mariners 9/2019, and can be downloaded from the NGA Maritime Website. (NGA)			<b>PUB 143</b> (NGA)	<b>16 Ed 2017</b>	<b>NEW EDITION</b> 11/17
Pub. 131 has been updated to 2 March 2019, including Notice to Mariners 9/2019, and can be downloaded from the NGA Maritime Website. (NGA)			Pub. 143 has been updated to 17 June 2017, including Notice to Mariners 24/2017, and can be downloaded from the NGA Maritime Website. (NGA)		
		17/18			29/17
<b>PUB 132</b> (NGA)	<b>15 Ed 2017</b>	<b>NEW EDITION</b> 07/17	Pub. 143 has been updated to 30 September 2017, including Notice to Mariners 39/2017, and can be downloaded from the NGA Maritime Website. (NGA)		
Pub. 132 has been updated to 16 September 2017, including Notice to Mariners 37/2017, and can be downloaded from the NGA Maritime Website. (NGA)			Pub. 143 has been updated to 24 February 2018, including Notice to Mariners 8/2018, and can be downloaded from the NGA Maritime Website. (NGA)		
		40/17			42/17
Pub. 132 has been updated to 27 May 2017, including Notice to Mariners 21/2017, and can be downloaded from the NGA Maritime Website. (NGA)			Pub. 143 has been updated to 2 February 2019, including Notice to Mariners 5/2019, and can be downloaded from the NGA Maritime Website. (NGA)		
		26/17			13/19
Pub. 132 has been updated to 3 February 2018, including Notice to Mariners 5/2018, and can be downloaded from the NGA Maritime website. (NGA)			<b>PUB 145</b> (NGA)	<b>18 Ed 2018</b>	<b>NEW EDITION</b> 08/18
Pub. 132 has been updated to 2 March 2019, including Notice to Mariners 9/2019, and can be downloaded from the NGA Maritime Website. (NGA)			Pub. 145 has been updated to 3 November 2018, including Notice to Mariners 44/2018, and can be downloaded from the NGA Maritime Website. (NGA)		
		10/18			48/18
Pub. 132 has been updated to 20 July 2019, including Notice to Mariners 29/2019, and can be downloaded from the NGA Maritime Website. (NGA)			Pub. 145 has been updated to 6 April 2019, including Notice to Mariners 14/2019, and can be downloaded from the NGA Maritime Website. (NGA)		
		14/19			20/19
		33/19			
<b>PUB 140</b> (NGA)	<b>17 Ed 2019</b>	<b>NEW EDITION</b> 20/19			

<b>PUB 146</b> (NGA)	<b>17 Ed 2017</b>	<b>NEW EDITION</b> 12/17	Maritime Website. (NGA)	20/19
Pub. 146 has been updated to 24 March 2018, including Notice to Mariners 12/2018, and can be downloaded from the NGA Maritime Website. (NGA)		20/18	<b>PUB 154</b> (NGA)	<b>15 Ed 2017</b> <b>NEW EDITION</b> 39/17
Pub. 146 has been updated to 1 December 2018, including Notice to Mariners 48/2018, and can be downloaded from the NGA Maritime Website. (NGA)		52/18	Pub. 154 has been updated to 17 March 2018, including Notice to Mariners 11/2018, and can be downloaded from the NGA Maritime Website. (NGA)	17/18
Pub. 146 has been updated to 29 June 2019, including Notice to Mariners 26/2019, and can be downloaded from the NGA Maritime Website. (NGA)		29/19	Pub. 154 has been updated to 1 December 2018, including Notice to Mariners 48/2018, and can be downloaded from the NGA Maritime Website. (NGA)	52/18
<b>PUB 147</b> (NGA)	<b>16 Ed 2018</b>	<b>NEW EDITION</b> 49/18	Pub. 154 has been updated to 18 May 2019, including Notice to Mariners 20/2019, and can be downloaded from the NGA Maritime Website. (NGA)	24/19
Pub. 147 has been updated to 27 April 2019, including Notice to Mariners 17/2019, and can be downloaded from the NGA Maritime Website. (NGA)		23/19	<b>PUB 155</b> (NGA)	<b>14 Ed 2017</b> <b>NEW EDITION</b> 46/17
<b>PUB 148</b> (NGA)	<b>17 Ed 2017</b>	<b>NEW EDITION</b> 12/17	Pub. 155 has been updated to 8 September 2018, including Notice to Mariners 36/2018, and can be downloaded from the NGA Maritime Website. (NGA)	39/18
Pub. 148 has been updated to 10 February 2018, including Notice to Mariners 6/2018, and can be downloaded from the NGA Maritime website. (NGA)		10/18	Pub. 155 has been updated to 25 May 2019, including Notice to Mariners 21/2019, and can be downloaded from the NGA Maritime Website. (NGA)	24/19
Pub. 148 has been updated to 5 January 2019, including Notice to Mariners 1/2019, and can be downloaded from the NGA Maritime Website. (NGA)		4/19	<b>PUB 157</b> (NGA)	<b>19 Ed 2018</b> <b>NEW EDITION</b> 38/18
<b>PUB 153</b> (NGA)	<b>18 Ed 2017</b>	<b>NEW EDITION</b> 08/17	Pub. 157 has been updated to 6 April 2019, including Notice to Mariners 14/2019, and can be downloaded from the NGA Maritime Website. (NGA)	18/19
Pub. 153 has been updated to 3 February 2018, including Notice to Mariners 5/2018, and can be downloaded from the NGA Maritime Website. (NGA)		9/18	<b>PUB 158</b> (NGA)	<b>17 Ed 2017</b> <b>NEW EDITION</b> 19/17
Pub. 153 has been updated to 1 September 2018, including Notice to Mariners 35/2018, and can be downloaded from the NGA Maritime Website. (NGA)		38/18	Pub. 158 has been updated to 24 February 2018, including Notice to Mariners 8/2018, and can be downloaded from the NGA Maritime Website. (NGA)	11/18
Pub. 153 has been updated to 6 April 2019, including Notice to Mariners 14/2019, and can be downloaded from the NGA			Pub. 158 has been updated to 1 December 2018, including Notice to Mariners 48/2018, and can be downloaded from the NGA Maritime Website. (NGA)	52/18

Pub. 158 has been updated to 22 June 2019, including Notice to Mariners 25/2019, and can be downloaded from the NGA Maritime Website. (NGA) 29/19	the NGA Maritime Website. (NGA) 52/18
<b>PUB 159</b> <b>17 Ed 2017</b> <b>NEW EDITION</b> (NGA) 19/17	<b>PUB 163</b> <b>14 Ed 2018</b> <b>NEW EDITION</b> (NGA) 25/18
Pub. 159 has been updated to 21 April 2018, including Notice to Mariners 16/2018, and can be downloaded from the NGA Maritime Website. (NGA) 18/18	Pub. 163 has been updated to 26 January 2019, including Notice to Mariners 4/2019, and can be downloaded from the NGA Maritime Website. (NGA) 10/19
<b>PUB 160</b> <b>14 Ed 2019</b> <b>NEW EDITION</b> (NGA) 24/19	<b>PUB 164</b> <b>14 Ed 2018</b> <b>NEW EDITION</b> (NGA) 11/18
Pub. 159 has been updated to 9 February 2019, including Notice to Mariners 6/2019, and can be downloaded from the NGA Maritime Website. (NGA) 12/19	Pub. 164 has been updated to 6 October 2018, including Notice to Mariners 40/2018, and can be downloaded from the NGA Maritime Website. (NGA) 44/18
<b>PUB 161</b> <b>16 Ed 2017</b> <b>NEW EDITION</b> (NGA) 32/17	Pub. 164 has been updated to 25 May 2019, including Notice to Mariners 21/2019, and can be downloaded from the NGA Maritime Website. (NGA) 24/19
Pub. 161 has been updated to 17 February 2018, including Notice to Mariners 7/2018, and can be downloaded from the NGA Maritime Website. (NGA) 9/18	<b>PUB 171</b> <b>13 Ed 2018</b> <b>NEW EDITION</b> (NGA) 16/18
Pub. 161 has been corrected to 21 July 2018, including Notice to Mariners 29/2018, and can be downloaded from the NGA Maritime Website. (NGA) 31/18	Pub. 171 has been updated to 5 January 2019, including Notice to Mariners 1/2019, and can be downloaded from the NGA Maritime Website. (NGA) 4/19
Pub. 161 has been updated to 9 February 2019, including Notice to Mariners 6/2019, and can be downloaded from the NGA Maritime Website. (NGA) 12/19	Pub. 171 has been updated to 6 July 2019, including Notice to Mariners 27/2019, and can be downloaded from the NGA Maritime Website. (NGA) 31/19
<b>PUB 162</b> <b>12 Ed 2017</b> <b>NEW EDITION</b> (NGA) 13/17	<b>PUB 172</b> <b>21 Ed 2017</b> <b>NEW EDITION</b> (NGA) 11/17
Pub. 162 has been updated to 7 October 2017, including Notice to Mariners 40/2017, and can be downloaded from the NGA Maritime Website. (NGA) 42/17	Pub. 172 has been updated to 12 August 2017, including Notice to Mariners 32/2017, and can be downloaded from the NGA Maritime Website. (NGA) 34/17
Pub. 162 has been updated to 28 April 2018, including Notice to Mariners 17/2018, and can be downloaded from the NGA Maritime Website. (NGA) 20/18	Pub. 172 has been updated to 11 November 2017, including Notice to Mariners 45/2017, and can be downloaded from the NGA Maritime Website. (NGA) 48/17
Pub. 162 has been updated to 1 December 2018, including Notice to Mariners 48/2018, and can be downloaded from	Pub. 172 has been updated to 21 April 2018, including Notice to Mariners 16/2018, and can be downloaded from the NGA Maritime Website. (NGA) 20/18



Pub. 172 has been updated to 4 August 2018, including Notice to Mariners 31/2018, and can be downloaded from the NGA Maritime Website. (NGA)	35/18	<b>PUB 180</b> (NGA)	<b>12 Ed 2017</b>	<b>NEW EDITION</b> 06/17
Pub. 172 has been updated to 26 January 2019, including Notice to Mariners 4/2019, and can be downloaded from the NGA Maritime Website. (NGA)	10/19	Pub. 180 has been updated to 24 June 2017, including Notice to Mariners 25/2017, and can be downloaded from the NGA Maritime Website. (NGA)		29/17
<b>PUB 173</b> (NGA)	<b>14 Ed 2017</b> 20/17	<b>NEW EDITION</b>		
Pub. 173 has been updated to 25 November 2017, including Notice to Mariners 47/2017, and can be downloaded from the NGA Maritime Website. (NGA)	49/17	Pub. 180 has been updated to 21 October 2017, including Notice to Mariners 42/2017, and can be downloaded from the NGA Maritime Website. (NGA)		45/17
Pub. 173 has been updated to 26 August 2017, including Notice to Mariners 34/2017, and can be downloaded from the NGA Maritime Website. (NGA)	40/17	Pub. 180 has been updated to 27 January 2018, including Notice to Mariners 4/2018, and can be downloaded from the NGA Maritime Website. (NGA)		9/18
Pub. 173 has been updated to 2 June 2018, including Notice to Mariners 22/2018, and can be downloaded from the NGA Maritime Website. (NGA)	26/18	Pub. 180 has been updated to 2 June 2018, including Notice to Mariners 22/2018, and can be downloaded from the NGA Maritime Website. (NGA)		26/18
Pub. 173 has been updated to 1 December 2018, including Notice to Mariners 48/2018, and can be downloaded from the NGA Maritime Website. (NGA)	52/18	Pub. 180 has been updated to 20 October 2018, including Notice to Mariners 42/2018, and can be downloaded from the NGA Maritime Website. (NGA)		45/18
<b>PUB 174</b> (NGA)	<b>15 Ed 2019</b> 21/19	<b>NEW EDITION</b>		
Pub. 174 has been updated to 10 February 2018, including Notice to Mariners 6/2018, and can be downloaded from the NGA Maritime Website. (NGA)	9/18	Pub. 180 has been updated to 12 January 2019, including Notice to Mariners 5/2019, and can be downloaded from the NGA Maritime Website. (NGA)		5/19
<b>PUB 175</b> (NGA)	<b>13 Ed 2017</b> 25/17	<b>NEW EDITION</b>		
Pub. 175 has been updated to 10 February 2018, including Notice to Mariners 6/2018, and can be downloaded from the NGA Maritime Website. (NGA)	9/18	Pub. 180 has been updated to 27 April 2019, including Notice to Mariners 17/2019, and can be downloaded from the NGA Maritime Website. (NGA)		21/19
Pub. 175 has been updated to 13 October 2018, including Notice to Mariners 41/2018, and can be downloaded from the NGA Maritime Website. (NGA)	44/18	<b>PUB 181</b> (NGA)	<b>13 Ed 2017</b>	<b>NEW EDITION</b> 43/17
Pub. 175 has been updated to 25 May 2019, including Notice to Mariners 21/2019, and can be downloaded from the NGA Maritime Website. (NGA)	24/19	Pub. 181 has been updated to 7 July 2018, including Notice to Mariners 27/2018, and can be downloaded from the NGA Maritime Website. (NGA)		30/18
		Pub. 181 has been updated to 23 February 2019, including Notice to Mariners 8/2019, and can be downloaded from the NGA Maritime Website. (NGA)		12/19
		Pub. 181 has been updated to 29 June 2019, including Notice to Mariners 26/2019, and can be downloaded from the NGA Maritime Website. (NGA)		30/19

<b>PUB 182</b> (NGA)	<b>14 Ed 2018</b>	<b>NEW EDITION</b> 21/18	<b>PUB 192</b> (NGA)	<b>16 Ed 2017</b>	<b>NEW EDITION</b> 23/17
Pub. 182 has been updated to 27 October 2018, including Notice to Mariners 43/2018, and can be downloaded from the NGA Maritime Website.			Pub. 192 has been updated to 16 September 2017, including Notice to Mariners 37/2017, and can be downloaded from the NGA Maritime Website.		
(NGA)		50/18	(NGA)		40/17
Pub. 182 has been updated to 4 May 2019, including Notice to Mariners 18/2019, and can be downloaded from the NGA Maritime Website.			Pub. 192 has been updated to 28 April 2018, including Notice to Mariners 17/2018, and can be downloaded from the NGA Maritime Website.		
(NGA)		23/19	(NGA)		20/18
<b>PUB 183</b> (NGA)	<b>12 Ed 2017</b>	<b>NEW EDITION</b> 29/17	Pub. 192 has been updated to 19 January 2019, including Notice to Mariners 3/2019, and can be downloaded from the NGA Maritime Website.		
Pub. 183 has been updated to 29 June 2019, including Notice to Mariners 26/2019, and can be downloaded from the NGA Maritime Website.			(NGA)		10/19
(NGA)		29/19	<b>PUB 193</b> (NGA)	<b>16 Ed 2017</b>	<b>NEW EDITION</b> 04/17
Pub. 183 has been updated to 28 April 2018, including Notice to Mariners 17/2018, and can be downloaded from the NGA Maritime Website.			Pub. 193 has been updated to 19 August 2017, including Notice to Mariners 33/2017, and can be downloaded from the NGA Maritime Website.		
(NGA)		20/18	(NGA)		35/17
Pub. 183 has been updated to 5 January 2019, including Notice to Mariners 1/2019, and can be downloaded from the NGA Maritime Website.			Pub. 193 has been updated to 10 February 2018, including Notice to Mariners 6/2018, and can be downloaded at the NGA Maritime Website.		
(NGA)		4/19	(NGA)		10/18
Pub. 183 has been updated to 27 April 2019, including Notice to Mariners 17/2019, and can be downloaded from the NGA Maritime Website.			Pub. 193 has been updated to 4 August 2018, including Notice to Mariners 31/2018, and can be downloaded from the NGA Maritime Website.		
(NGA)		21/19	(NGA)		34/18
<b>PUB 191</b> (NGA)	<b>19 Ed 2017</b>	<b>NEW EDITION</b> 16/17	Pub. 193 has been updated to 13 April 2019, including Notice to Mariners 15/2019, and can be downloaded from the NGA Maritime Website.		
Pub. 191 has been updated to 21 October 2017, including Notice to Mariners 42/2017, and can be downloaded from the NGA Maritime Website.			(NGA)		21/19
(NGA)		46/17	<b>PUB 194</b> (NGA)	<b>18 Ed 2017</b>	<b>NEW EDITION</b> 09/17
Pub. 191 has been updated to 19 May 2018, including Notice to Mariners 20/2018, and can be downloaded from the NGA Maritime Website.			Pub. 194 has been updated to 9 December 2017, including Notice to Mariners 49/2017, and can be downloaded from the NGA Maritime Website.		
(NGA)		26/18	(NGA)		52/17
Pub. 191 has been updated to 16 February 2019, including Notice to Mariners 7/2019, and can be downloaded from the NGA Maritime Website.			Pub. 194 has been updated to 2 June 2018, including Notice to Mariners 22/2018, and can be downloaded from the NGA Maritime Website.		
(NGA)		12/19	(NGA)		26/18

Pub. 194 has been updated to 16 February 2019, including Notice to Mariners 7/2019, and can be downloaded from the NGA Maritime Website.

(NGA) 12/19

**PUB 195      14 Ed 2017                      NEW EDITION**  
(NGA) 11/17

Pub. 195 has been updated to 20 January 2018, including Notice to Mariners 3/2018, and can be downloaded from the NGA Maritime Website.

(NGA) 7/18

Pub. 195 has been updated to 7 July 2018, including Notice to Mariners 27/2018, and can be downloaded from the NGA Maritime Website.

(NGA) 31/18

Pub. 195 has been updated to 2 March 2019, including Notice to Mariners 9/2019, and can be downloaded from the NGA Maritime Website.

(NGA) 13/19

**PUB 200      11 Ed 2017                      NEW EDITION**  
(NGA) 13/17

Pub. 200 has been updated to 22 July 2017, including Notice to Mariners 29/2017, and can be downloaded from the NGA Maritime Website.

(NGA) 31/17

Pub. 200 has been updated to 13 July 2019, including Notice to Mariners 28/2019, and can be downloaded from the NGA Maritime Website.

(NGA) 30/19

Pub. 200 has been updated to 17 February 2018, including Notice to Mariners 7/2018, and can be downloaded from the NGA Maritime website.

(NGA) 10/18

Pub. 200 has been updated to 12 January 2019, including Notice to Mariners 5/2019, and can be downloaded from the NGA Maritime Website.

(NGA) 5/19



**CHART NO. 1 CORRECTIONS**

<b>CHART NO. 1</b> (NOS)	<b>13 Ed 2019</b>	<b>NEW EDITION</b> 19/19	<b>PUB 115</b> (NGA)	<b>Ed 2018</b>	<b>NEW EDITION</b> 35/18
<b>AMERICAN PRACTICAL NAVIGATOR CORRECTIONS</b>			<b>PUB 116</b> (NGA)	<b>Ed 2019</b>	<b>NEW EDITION</b> 13/19
<b>PUB 9</b> (NGA)	<b>55 Ed 2019</b>	<b>NEW EDITION</b> 26/19	<b>RADIO NAVIGATIONAL AIDS CORRECTIONS</b>		
Page 260; replace with below: New table from back of this Subsection. <b>Note.</b> —This correction only applies to the hard copy version of the publication. (NGA)			<b>PUB 117</b> (NGA)	<b>Ed 2014</b>	<b>NEW EDITION</b> 51/14
<b>INTERNATIONAL CODE OF SIGNALS CORRECTIONS</b>			<b>WORLD PORT INDEX CORRECTIONS</b>		
<b>PUB 102</b> (NIMA)	<b>Ed 2003</b>	<b>NEW EDITION</b> 20/03	<b>PUB 150</b> (NGA)	<b>26 Ed 2017</b>	<b>NEW EDITION</b> 13/17
<b>ATLAS OF PILOT CHARTS CORRECTIONS</b>			<b>DISTANCES BETWEEN PORTS CORRECTIONS</b>		
<b>PUB 106</b> (NIMA)	<b>3 Ed 2002</b>	<b>NEW EDITION</b> 42/03	<b>PUB 151</b> (NIMA)	<b>11 Ed 2001</b>	<b>NEW EDITION</b> 04/02
<b>PUB 107</b> (NIMA)	<b>2 Ed 1998</b>	<b>NEW EDITION</b> 30/99	<b>SIGHT REDUCTION TABLES (MARINE) CORRECTIONS</b>		
<b>PUB 109</b> (NIMA)	<b>4 Ed 2001</b>	<b>NEW EDITION</b> 49/02	<b>PUB 229 VOL. 1</b> (USNOO)	<b>Ed 1970</b>	<b>NEW EDITION</b> 11/71
<b>NGA LIST OF LIGHTS CORRECTIONS</b>			<b>PUB 229 VOL. 2</b> (USNOO)	<b>Ed 1970</b>	<b>NEW EDITION</b> 11/71
<b>PUB 110</b> (NGA)	<b>Ed 2018</b>	<b>NEW EDITION</b> 39/18	<b>PUB 229 VOL. 3</b> (USNOO)	<b>Ed 1970</b>	<b>NEW EDITION</b> 07/71
<b>PUB 111</b> (NGA)	<b>Ed 2019</b>	<b>NEW EDITION</b> 18/19	<b>PUB 229 VOL. 4</b> (USNOO)	<b>Ed 1970</b>	<b>NEW EDITION</b> 03/71
<b>PUB 112</b> (NGA)	<b>Ed 2019</b>	<b>NEW EDITION</b> 26/19	<b>PUB 229 VOL. 5</b> (USNOO)	<b>Ed 1970</b>	<b>NEW EDITION</b> 03/71
<b>PUB 113</b> (NGA)	<b>Ed 2019</b>	<b>NEW EDITION</b> 31/19	<b>PUB 229 VOL. 6</b> (USNOO)	<b>Ed 1970</b>	<b>NEW EDITION</b> 23/70
<b>PUB 114</b> (NGA)	<b>Ed 2019</b>	<b>NEW EDITION</b> 22/19			

<b>SIGHT REDUCTION TABLES (AIR) CORRECTIONS</b>			<b>CATALOG K (NOS)</b>	<b>Ed 2012</b>	<b>NEW EDITION 34/12</b>
<b>PUB 249 VOL. 1 (NGA)</b>	<b>Ed 2007</b>	<b>NEW EDITION 38/07</b>	<b>CATALOG L (NOS)</b>	<b>Ed 2012</b>	<b>NEW EDITION 27/12</b>
<b>PUB 249 VOL. 2 (USNOO)</b>	<b>Ed 1952</b>	<b>NEW EDITION 46/52</b>	<b>CATALOG P (NOS)</b>	<b>Ed 2012</b>	<b>NEW EDITION 32/12</b>
<b>PUB 249 VOL. 3 (USNOO)</b>	<b>Ed 1952</b>	<b>NEW EDITION 46/52</b>	<b>USCG LIGHT LISTS CORRECTIONS</b>		
<b>RADAR NAVIGATION AND MANEUVERING BOARD MANUAL CORRECTIONS</b>			<b>VOLUME I (USCG)</b>	<b>Ed 2019</b>	<b>NEW EDITION 05/19</b>
<b>PUB 1310 (NIMA)</b>	<b>7 Ed 2001</b>	<b>NEW EDITION 51/01</b>	<b>VOLUME II (USCG)</b>	<b>Ed 2019</b>	<b>NEW EDITION 05/19</b>
<b>NOS TIDE TABLES CORRECTIONS</b>			<b>VOLUME III (USCG)</b>	<b>Ed 2019</b>	<b>NEW EDITION 05/19</b>
<b>EAST PACIFIC (NOS)</b>	<b>Ed 2019</b>	<b>NEW EDITION N50/18</b>	<b>VOLUME IV (USCG)</b>	<b>Ed 2019</b>	<b>NEW EDITION 05/19</b>
<b>EUROPE/ WEST AFRICA (NOS)</b>	<b>Ed 2019</b>	<b>NEW EDITION N50/18</b>	<b>VOLUME V (USCG)</b>	<b>Ed 2019</b>	<b>NEW EDITION 05/19</b>
<b>W PACIFIC/ INDIAN OCEAN (NOS)</b>	<b>Ed 2019</b>	<b>NEW EDITION N50/18</b>	<b>VOLUME VI (USCG)</b>	<b>Ed 2019</b>	<b>NEW EDITION 05/19</b>
<b>WEST ATLANTIC (NOS)</b>	<b>Ed 2019</b>	<b>NEW EDITION N50/18</b>	<b>VOLUME VII (USCG)</b>	<b>Ed 2019</b>	<b>NEW EDITION 05/19</b>
<b>NOS TIDAL CURRENT TABLES CORRECTIONS</b>			<b>USCG NAVIGATION RULES CORRECTIONS</b>		
<b>ATLANTIC (NOS)</b>	<b>Ed 2019</b>	<b>NEW EDITION N50/18</b>	<b>NAVIGATION RULES (USCG)</b>	<b>Ed 2014</b>	<b>NEW EDITION 38/14</b>
<b>PACIFIC (NOS)</b>	<b>Ed 2019</b>	<b>NEW EDITION N50/18</b>	Page 6—International Rule 3(h), line 1; read: (h) The term <i>vessel constrained by her draft</i> means a power-driven vessel which,...		
<b>NOS CHART CATALOG CORRECTIONS</b>			Page 19—Inland Rule 9 §83.09(e)(i), line 7; read: ...sound the signal prescribed in Rule 34(d) (§83.34 (d)). (USCG) 7/18		
<b>CATALOG A (NOS)</b>	<b>Ed 2012</b>	<b>NEW EDITION 22/12</b>	Page 19—Inland Rule 9(d), line 3; read: channel or fairway. The latter vessel shall use the signal prescribed in...		
<b>CATALOG G (NOS)</b>	<b>Ed 2012</b>	<b>NEW EDITION 18/12</b>	(USCG) 37/15		

NAVIGATION RULES (Continued)

<p>Page 30—International Rule 19(e), line 6; read: event navigate with extreme caution until danger of collision is over. (USCG) 51/14</p>	<p>Page 95—Inland Rule 30(l), line 2; read: requirements of this Rule. These areas are as follows: (USCG) 51/14</p>
<p>Page 31—Inland Rule 19(d), lines 1 to 2; read: (d) A vessel which detects by radar alone the presence of another vessel shall determine if a close-quarters situation is developing and/or risk of collision exists. If... (USCG) 37/15</p>	<p>Page 99—Inland Rule 34 §83.34(a)(ii), line 4; read: safety of the proposed maneuver, she shall sound the signal... (USCG) 7/18</p>
<p>Page 41—Inland Rule 23(c), line 3; read: high intensity all-round flashing red light. (USCG) 51/14</p>	<p>Page 99—Inland Rule 34 §83.34(c)(ii), line 2; read: sound a similar sound signal. If in doubt, she shall sound the signal... (USCG) 7/18</p>
<p>Page 50—International Rule 24(d), line 1; read: (d) A power-driven vessel to which paragraph (a) or (c) of this Rule applies... (USCG) 51/14</p>	<p>Page 101—Inland Rule 34(d), lines 5 to 6; read: giving at least five short and rapid blasts on the whistle. Such signal may be supplemented by a light signal of at least five short and rapid flashes. (USCG) 37/15</p>
<p>Page 51—Inland Rule 24 §83.24(d), line 1; read: (d) A power-driven vessel to which paragraphs (a) or (c) of this Rule applies... (USCG) 7/18</p>	<p>Page 115—Inland Annex I(f)(ii), lines 4 to 5; read: forward masthead light(s) and after masthead light(s), provided that in the latter case, the requirement of §84.03(c) shall be complied with. (USCG) 37/15</p>
<p>Page 55—Inland Rule 24(f)(iii), line 1; read: (iii) When vessels are towed alongside on both sides of the towing vessel,... (USCG) 51/14</p>	<p>Page 119—§84.13, line 2; read: (a) The chromaticity of all navigation lights shall conform to the following... (USCG) 51/14</p>
<p>Page 57—Inland Lights and Shapes Rule 24(h), line 4; read: ...to indicate the presence of such vessel or object. (USCG) 41/15</p>	<p>Page 123—Inland Annex I §84.15(b), lines 1 to 12; replace with below: (b)(i) All-round lights shall be so located as not to be obscured by masts, topmasts or structures within angular sectors of more than 6 degrees, except anchor lights pre- scribed in Rule 30 (§ 83.30 of this chapter), which need not be placed at an impracticable height above the hull, and the all-round white light described in Rule 23(e) (§ 83.23(e) of this chapter), which may not be obscured at all. (b)(ii) If it is impracticable to comply with paragraph (b)(i) of this section by exhibiting only one all-round light, two all- round lights shall be used suitably positioned or screened to appear, as far as practicable, as one light at a minimum dis- tance of one nautical mile.</p>
<p>Page 59—Inland Rule 24 §83.24(i), line 1, change: Designation of subparagraph (i) to (j). (USCG) 7/18</p>	<p><b>Note to paragraph (b)(ii):</b> Two unscreened all-round lights that are 1.28 meters apart or less will appear as one light to the naked eye at a dis- tance of one nautical mile. (USCG) 7/18</p>
<p>Page 59—Inland Rule 24 §83.24(j), line 1, change: Designation of subparagraph (j) to (i). (USCG) 7/18</p>	<p>Page 124—Annex I, Section 13(b), lines 2 to 3; read: separation between foremast and mainmast light of 4.5 meters required by paragraph 2(a)(ii) of this Annex may be</p>
<p>Page 59—Inland Rule 24 §83.24(i)[<i>redesignated</i>], line 3, read: paragraph (a), (c) or (j) of this Rule, such vessel shall not be required to exhibit... (USCG) 7/18</p>	
<p>Page 89—Inland Rule 29(a)(iii), lines 1 to 3; read: (iii) When at anchor, in addition to the lights prescribed in subparagraph (i) of this Rule, the anchor light, lights, or shape prescribed in Rule 30 (§83.30) for vessels at anchor. (USCG) 37/15</p>	

NAVIGATION RULES (Continued)

- modified provided that such distance...  
(USCG) 51/14 Page 148—33 CFR 80 §80.155(b), line 3; read: Light); thence to 41°12'22.900" N., 072°06'24.700"... (USCG) 7/18
- Page 129—§86.01(c), lines 5 to 6; read:  
Hz (+/- 1%) for a vessel of 20 meters or more in length, or 180-2100 Hz (+/- 1%) for a vessel of less than 20 meters in length, of not less than the...  
(USCG) 51/14 Page 148; COLREGS Demarcation Lines §80.155; replace with below:  
**§80.155 Watch Hill, RI to Montauk Point, NY**  
(a) A line drawn from 41°18'13.999"N, 071°51'30.300"W (Watch Hill Light) to East Point on Fishers Island.  
(b) A line drawn from Race Point at 41°14'36.509"N, 072°02'49.676"W (Race Rock Light); thence to 41°12'22.900"N, 072°06'24.700"W (Little Gull Island Light) thence to East Point on Plum Island.  
(c) A line drawn from 41°10'16.704"N, 072°12'21.684"W (Plum Island Harbor East Dolphin Light) to 41°10'17.262"N, 072°12'23.796"W (Plum Island Harbor West Dolphin Light).  
(d) A line drawn from 41°10'25.745"N, 072°12'42.137"W (Plum Island Light) to 41°09'48.393"N, 072°13'25.014"W (Orient Point Light); thence to Orient Point.  
(e) A line drawn from the 41°06'35.100"N, 072°16'48.000"W (Long Beach Bar Light) to Cornelius Point.  
(f) A line drawn from 41°04'12.000"N, 072°16'48.000"W (Coecler Harbor Entrance Light) to Sungic Point.  
(g) A line drawn from Nicholl Point to 41°02'25.166"N, 072°15'42.971"W (Cedar Island Light 3CI).  
(h) A line drawn from 41°02'06.060"N, 072°11'19.560"W (Threemile Harbor West Breakwater Light) to 41°02'05.580"N, 072°11'15.777"W (Threemile Harbor East Breakwater Light).  
(i) A line drawn from 41°04'44.210"N, 071°56'20.308"W (Montauk West Jetty Light 2) to 41°04'46.095"N, 071°56'14.168"W (Montauk East Jetty Light 1).  
(USCG) 37/15
- Page 133—§86.02(b), line 3; read:  
not less than 300 mm for vessels of 20 meters or more in length. Where...  
(USCG) 51/14
- Page 138—International Interpretive Rules §82.5, lines 1 to 5; read:  
A vessel at anchor includes a vessel made fast to one or more mooring buoys or other similar device attached to the ocean floor. Such vessels may be lighted as a vessel at anchor in accordance with Rule 30, or may be lighted on the corners in accordance with 33 CFR §83.30 (h) through (l).  
(USCG) 37/15
- Page 138—International Interpretive Rules §82.5, lines 1 to 5; read:  
A vessel at anchor includes a barge made fast to one or more mooring buoys or other similar device attached to the ocean floor. Such vessels may be lighted as a vessel at anchor in accordance with Rule 30, or may be lighted on the corners in accordance with 33 CFR §83.30 (h) through (l).  
(USCG) 41/15
- Page 138—International Interpretive Rules §82.5, lines 1 to 5; read:  
For the purposes of Rule 30 of the 72 COLREGS, a vessel at anchor includes a barge made fast to one or more mooring buoys or other similar device attached to the sea or river floor. Such a barge may be lighted as a vessel at anchor in accordance with Rule 30, or may be lighted on the corners in accordance with 33 CFR §83.30 (h) through (l).  
(USCG) 50/15
- Page 139—Inland Interpretive Rules §90.5, lines 1 to 4; read:  
A vessel at anchor includes a vessel made fast to one or more mooring buoys or other similar device attached to the ocean floor. Such vessels may be lighted as a vessel at anchor in accordance with Rule 30, or may be lighted on the corners in accordance with 33 CFR 83.30 (h) through (l).  
(USCG) 37/15
- Page 145—Title, line 2; read:  
WATERS UPON WHICH CERTAIN...  
(USCG) 51/14 Page 148—COLREGS Demarcation Lines §80.160; replace with below:  
**§ 80.160 Montauk Point, NY to Atlantic Beach, NY**  
(a) A line drawn from 40°50'17.952"N, 072°28'29.010"W (Shinnecock Inlet Breakwater Light 2) to 40°50'23.490"N, 072°28'40.122"W (Shinnecock Inlet Breakwater Light 1).  
(b) A line drawn from 40°45'47.763"N, 072°45'11.095"W (Moriches Inlet Breakwater Light 2) to 40°45'49.692"N, 072°45'21.719"W (Moriches Inlet Breakwater Light 1).  
(c) A line drawn from the westernmost point on Fire Island to the southernmost extremity of the spit of land at the western end of Oak Beach.  
(d) A line drawn from 40°34'23.568"N, 073°34'32.364"W (Jones Inlet Light) 322° true across Jones Inlet to the shoreline.  
(USCG) 37/15
- Page 148—COLREGS Demarcation Lines §80.165; replace with below:  
**§80.165 New York Harbor.**  
A line drawn from 40°34'23.568"N, 073°34'32.364"W (East Rockaway Inlet Breakwater Light) to 40°27'42.177"N, 074°00'07.309"W (Sandy Hook Light).  
(USCG) 37/15
- Page 148—COLREGS Demarcation Lines §80.170; renumber to §80.501, relocate to below FIFTH DISTRICT heading, and replace with below:  
**§80.501 Sandy Hook, NJ to Toms River, NJ**



NAVIGATION RULES (Continued)

(a) A line drawn across the seaward extremity of Shark River Inlet. (b) A line drawn across the seaward extremity of Manasquan Inlet. (c) A line drawn across the seaward extremity of Barnegat Inlet. (USCG)	37/15	Page 162—Table of Contents, line 5; read: 26.05 Use of radiotelephone. (USCG)	51/14
Page 149—33 CFR 80 §80.502(a), lines 3 to 5; read: ...Pullen Island across Beach Haven and Little Egg Inlet, thence across Brigantine Inlet to Brigantine Island. (USCG)	7/18	Page 180—33 CFR 161 §161.45(b), line 2; read: <b>TABLE 1 to §161.45(b)—VTS ST. MARYS RIVER REPORTING POINTS</b> (USCG)	7/18
Page 149; COLREGS Demarcation Lines §80.501, line 1; renumber to §80.502: <b>§80.502 Toms River, NJ to Cape May, NJ.</b> (USCG)	37/15	Page 180—33 CFR 166 §161.45(b), line 8; change: Table designator 5* to 5. (USCG)	7/18
Page 149; COLREGS Demarcation Lines §80.502; replace with below: <b>§80.502 Toms River, NJ to Cape May, NJ.</b> (a) A line drawn from the seaward tangent of Long Beach Island to the seaward tangent to Pullen Island across Beach Haven and Little Egg Inlets, thence across Brigantine Inlet to Brigantine Island. (b) A line drawn from the seaward extremity of Absecon Inlet. (c) A line drawn parallel with the general trend of highwater shoreline from the southernmost point of Longport at latitude 39°17.6'N, longitude 74°33.1'W across Great Egg Harbor Inlet. (d) A line drawn parallel with the general trend of highwater shoreline across Corson Inlet. (e) A line formed by the centerline of the Townsend Inlet Highway Bridge. (f) A line formed by the shoreline of Seven Mile Beach to 39°00'23.757"N, 074°47'28.017"W (Hereford Inlet Light). (g) A line drawn across the seaward extremity of Cape May Inlet.  (See NTM 37/2015 - USCG Navigation Rules) (USCG)	41/15	Page 180—33 CFR 161 §161.50, line 6; read: Tamalpais (37°55.8' N., 122°34.6' W.); and its navigable tributaries as far east as the port... (USCG)	7/18
Page 152—COLREGS Demarcation Lines §80.748(f), line 3; read: ...trend of the seaward highwater shoreline. (USCG)	41/15	Page 181—33 CFR 161 §161.55, lines 1 to 27; replace with below: <b>§161.55 Vessel Traffic Service Puget Sound and the Cooperative Vessel Traffic Service for the Juan de Fuca Region.</b> The Vessel Traffic Service Puget Sound area consists of the U.S. navigable waters of the Salish Sea from a line drawn from the Washington State coastline at 48°23.133' N., 124°43.616' W. on Cape Flattery to the Cape Flattery Light at 48°23.5' N., 124°44.2' W. on Tatoosh Island, due west to the U.S. Territorial Sea Boundary; thence northward along the U.S. Territorial Sea Boundary to its intersection with the U.S./Canada International Boundary; thence east along the U.S./Canada International Boundary to 49°00.1' N., 122°45.3' W. (International Boundary Range C Rear Light). (a) Vessel Traffic Service Puget Sound participates in a U.S./Canadian Cooperative Vessel Traffic Service (CVTS) to jointly manage vessel traffic in the Juan de Fuca Region. The CVTS for the Juan de Fuca Region consists of all navigable waters of the Salish Sea, bounded on the northwest by 48°35.749' N.; and on the southwest by 48°23.5' N.; and on the west by the rhumb line joining 48°35.749' N., 124°47.5' W. with 48°23.5' N., 124°48.616' W.; and on the northeast by a line drawn along 49° N. from Vancouver Island to Semiahmoo Bay; and on the southeast, by a line drawn from McCurdy Point on the Quimper Peninsula to Point Partridge on Whidbey Island. Canadian and United States Vessel Traffic Centers (Prince Rupert, B.C., Canada, Vancouver, BC, Canada and Seattle, WA) manage traffic within the CVTS area irrespective of the International Boundary. (USCG)	7/18
Page 161—§2307(a), line 2; read: (a) COAST GUARD VESSEL TRAFFIC SERVICE PILOTS - Any pilot, acting in the... (USCG)	51/14	Page 187 to Page 189; Table 161.12(c): Replace with table from back of this Subsection. (USCG)	7/18
Page 161—§2307(b); replace with below: (b) NON-FEDERAL VESSEL TRAFFIC SERVICE OPERATORS — An entity operating a non-Federal vessel traffic information service or advisory service pursuant to a duly executed written agreement with the Coast Guard, and any pilot acting on behalf of such entity, is not liable for damages caused by or related to information, advice, or communication assistance provided by such entity or pilot while so operating or acting unless the acts or omissions of such entity or pilot constitute gross negligence or willful misconduct. (USCG)	51/14		



Haversines											
<i>i</i>	25°		26°		27°		28°		29°		<i>j</i>
	Log Hav	Nat. Hav	Log Hav	Nat. Hav	Log Hav	Nat. Hav	Log Hav	Nat. Hav	Log Hav	Nat. Hav	
0	8. 67067	0. 04685	8. 70418	0. 05060	8. 73637	0. 05450	8. 76735	0. 05853	8. 79720	0. 06269	60
1	. 67124	. 04691	. 70472	. 05067	. 73690	. 05456	. 76786	. 05859	. 79769	. 06276	59
2	. 67181	. 04697	. 70527	. 05073	. 73742	. 05463	. 76836	. 05866	. 79818	. 06283	58
3	. 67238	. 04703	. 70582	. 05079	. 73795	. 05469	. 76887	. 05873	. 79866	. 06290	57
4	. 67295	. 04709	. 70636	. 05086	. 73847	. 05476	. 76938	. 05880	. 79915	. 06297	56
5	8. 67352	0. 04715	8. 70691	0. 05092	8. 73900	0. 05483	8. 76988	0. 05887	8. 79964	0. 06304	55
6	. 67409	. 04722	. 70745	. 05099	. 73952	. 05489	. 77039	. 05894	. 80013	. 06311	54
7	. 67465	. 04728	. 70800	. 05105	. 74005	. 05496	. 77089	. 05901	. 80061	. 06318	53
8	. 67522	. 04734	. 70854	. 05111	. 74057	. 05503	. 77139	. 05907	. 80110	. 06326	52
9	. 67579	. 04740	. 70909	. 05118	. 74109	. 05509	. 77190	. 05914	. 80158	. 06333	51
10	8. 67635	0. 04746	8. 70963	0. 05124	8. 74162	0. 05516	8. 77240	0. 05921	8. 80207	0. 06340	50
11	. 67692	. 04752	. 71017	. 05131	. 74214	. 05523	. 77291	. 05928	. 80256	. 06347	49
12	. 67748	. 04759	. 71072	. 05137	. 74266	. 05529	. 77341	. 05935	. 80304	. 06354	48
13	. 67805	. 04765	. 71126	. 05144	. 74318	. 05536	. 77391	. 05942	. 80353	. 06361	47
14	. 67861	. 04771	. 71180	. 05150	. 74371	. 05542	. 77441	. 05949	. 80401	. 06368	46
15	8. 67918	0. 04777	8. 71234	0. 05156	8. 74423	0. 05549	8. 77492	0. 05955	8. 80449	0. 06375	45
16	. 67974	. 04783	. 71289	. 05163	. 74475	. 05556	. 77542	. 05962	. 80498	. 06382	44
17	. 68030	. 04790	. 71343	. 05169	. 74527	. 05562	. 77592	. 05969	. 80546	. 06389	43
18	. 68087	. 04796	. 71397	. 05176	. 74579	. 05569	. 77642	. 05976	. 80595	. 06397	42
19	. 68143	. 04802	. 71451	. 05182	. 74631	. 05576	. 77692	. 05983	. 80643	. 06404	41
20	8. 68199	0. 04808	8. 71505	0. 05189	8. 74683	0. 05582	8. 77742	0. 05990	8. 80691	0. 06411	40
21	. 68256	. 04815	. 71559	. 05195	. 74735	. 05589	. 77792	. 05997	. 80739	. 06418	39
22	. 68312	. 04821	. 71613	. 05201	. 74787	. 05596	. 77842	. 06004	. 80788	. 06425	38
23	. 68368	. 04827	. 71667	. 05208	. 74839	. 05603	. 77892	. 06011	. 80836	. 06432	37
24	. 68424	. 04833	. 71721	. 05214	. 74890	. 05609	. 77942	. 06018	. 80884	. 06439	36
25	8. 68480	0. 04839	8. 71774	0. 05221	8. 74942	0. 05616	8. 77992	0. 06024	8. 80932	0. 06446	35
26	. 68536	. 04846	. 71828	. 05227	. 74994	. 05623	. 78042	. 06031	. 80980	. 06454	34
27	. 68592	. 04852	. 71882	. 05234	. 75046	. 05629	. 78092	. 06038	. 81028	. 06461	33
28	. 68648	. 04858	. 71936	. 05240	. 75097	. 05636	. 78142	. 06045	. 81076	. 06468	32
29	. 68704	. 04864	. 71989	. 05247	. 75149	. 05643	. 78191	. 06052	. 81124	. 06475	31
30	8. 68760	0. 04871	8. 72043	0. 05253	8. 75201	0. 05649	8. 78241	0. 06059	8. 81172	0. 06482	30
31	. 68815	. 04877	. 72097	. 05260	. 75252	. 05656	. 78291	. 06066	. 81220	. 06489	29
32	. 68871	. 04883	. 72150	. 05266	. 75304	. 05663	. 78341	. 06073	. 81268	. 06497	28
33	. 68927	. 04890	. 72204	. 05273	. 75355	. 05670	. 78390	. 06080	. 81316	. 06504	27
34	. 68983	. 04896	. 72257	. 05279	. 75407	. 05676	. 78440	. 06087	. 81364	. 06511	26
35	8. 69038	0. 04902	8. 72311	0. 05286	8. 75458	0. 05683	8. 78490	0. 06094	8. 81412	0. 06518	25
36	. 69094	. 04908	. 72364	. 05292	. 75510	. 05690	. 78539	. 06101	. 81460	. 06525	24
37	. 69149	. 04915	. 72418	. 05299	. 75561	. 05697	. 78589	. 06108	. 81508	. 06532	23
38	. 69205	. 04921	. 72471	. 05305	. 75613	. 05703	. 78638	. 06115	. 81555	. 06540	22
39	. 69260	. 04927	. 72525	. 05312	. 75664	. 05710	. 78688	. 06122	. 81603	. 06547	21
40	8. 69316	0. 04934	8. 72578	0. 05318	8. 75715	0. 05717	8. 78737	0. 06129	8. 81651	0. 06554	20
41	. 69371	. 04940	. 72631	. 05325	. 75767	. 05724	. 78787	. 06136	. 81699	. 06561	19
42	. 69427	. 04946	. 72684	. 05331	. 75818	. 05730	. 78836	. 06143	. 81746	. 06568	18
43	. 69482	. 04952	. 72738	. 05338	. 75869	. 05737	. 78885	. 06150	. 81794	. 06576	17
44	. 69537	. 04959	. 72791	. 05345	. 75920	. 05744	. 78935	. 06157	. 81841	. 06583	16
45	8. 69593	0. 04965	8. 72844	0. 05351	8. 75972	0. 05751	8. 78984	0. 06164	8. 81889	0. 06590	15
46	. 69648	. 04971	. 72897	. 05358	. 76023	. 05757	. 79033	. 06171	. 81937	. 06597	14
47	. 69703	. 04978	. 72950	. 05364	. 76074	. 05764	. 79082	. 06178	. 81984	. 06605	13
48	. 69758	. 04984	. 73003	. 05371	. 76125	. 05771	. 79132	. 06185	. 82032	. 06612	12
49	. 69814	. 04990	. 73056	. 05377	. 76176	. 05778	. 79181	. 06192	. 82079	. 06619	11
50	8. 69869	0. 04997	8. 73109	0. 05384	8. 76227	0. 05785	8. 79230	0. 06199	8. 82126	0. 06626	10
51	. 69924	. 05003	. 73162	. 05390	. 76278	. 05791	. 79279	. 06206	. 82174	. 06633	9
52	. 69979	. 05009	. 73215	. 05397	. 76329	. 05798	. 79328	. 06213	. 82221	. 06641	8
53	. 70034	. 05016	. 73268	. 05404	. 76380	. 05805	. 79377	. 06220	. 82269	. 06648	7
54	. 70089	. 05022	. 73321	. 05410	. 76431	. 05812	. 79426	. 06227	. 82316	. 06655	6
55	8. 70144	0. 05028	8. 73374	0. 05417	8. 76481	0. 05819	8. 79475	0. 06234	8. 82363	0. 06662	5
56	. 70198	. 05035	. 73426	. 05423	. 76532	. 05825	. 79524	. 06241	. 82410	. 06670	4
57	. 70253	. 05041	. 73479	. 05430	. 76583	. 05832	. 79573	. 06248	. 82458	. 06677	3
58	. 70308	. 05048	. 73532	. 05436	. 76634	. 05839	. 79622	. 06255	. 82505	. 06684	2
59	. 70363	. 05054	. 73584	. 05443	. 76684	. 05846	. 79671	. 06262	. 82552	. 06691	1
60	8. 70418	0. 05060	8. 73637	0. 05450	8. 76735	0. 05853	8. 79720	0. 06269	8. 82599	0. 06699	0
	334°		333°		332°		331°		330°		

Table 1 to § 161.12(c) – VTS and VMRS Centers, Call Signs/MMSI, Designated Frequencies, and Monitoring

Center –MMSI <sup>1</sup> –Call Sign	Designated frequency (Channel Designation) –purpose <sup>2</sup>	Monitoring area <sup>3,4</sup>	
<b>Berwick Bay</b>			
—03669950			
<i>Berwick Traffic</i>	156.550 MHz (Ch. 11)	The waters south of 29°45' N., west of 91°10' W., north of 29°37' N., and east of 91°18' W.	
<b>Buzzards Bay</b>			
<i>Buzzards Bay Control</i> <sup>5</sup>	156.550 MHz (Ch. 11)	The waters east and north of a line drawn from the southern tangent of Sakonnet Point, Rhode Island, in approximate position latitude 41°27.20' N., longitude 71°11.70' W., to the Buzzards Bay Entrance Light in approximate position latitude 41°23.48' N., longitude 71°02.5' W., and then to the southwestern tangent of Cuttyhunk Island, Massachusetts, at approximate position latitude 41°24.60' N., longitude 70°57.00' W., and including all of the Cape Cod Canal to its eastern entrance, except that the area of New Bedford harbor within the confines (north of) the hurricane barrier, and the passages through the Elizabeth Islands, is not considered to be “Buzzards Bay”.	
<b>Houston-Galveston</b>			
—003669954		The navigable waters north of 29° N., west of 94°20' W., south of 29°49' N., and east of 95°20' W.	
<i>Houston Traffic</i>	156.550 MHz (Ch. 11) 156.250 MHz (Ch. 5A) —For Sailing Plans only	The navigable waters north of a line extending due west from the southern most end of Exxon Dock #1 (20°43.37' N., 95°01.27' W.).	
<i>Houston Traffic</i>	156.600 MHz (Ch. 12) 156.250 MHz (Ch. 5A) —For Sailing Plans only	The navigable waters south of a line extending due west from the southern most end of Exxon Dock #1 (29°43.37' N., 95°01.27' W.)	
<b>Los Angeles/Long Beach</b>			
<i>San Pedro Traffic</i>	156.700 MHz (Ch.14)	<i>Vessel Movement Reporting System Area:</i> The navigable waters within a 25 nautical mile radius of Point Fermin Light (33°42.3' N., 118°17.6' W.).	
<b>Louisville</b>			
<i>Louisville Traffic</i>	156.650 MHz (Ch. 13)	The waters of the Ohio River between McAlpine Locks (Mile 606) and Twelve Mile Island (Mile 593), only when the McAlpine upper pool gauge is at approximately 13.0 feet or above.	
<b>Lower Mississippi River</b> <sup>6</sup>			
—0036699952			
<i>New Orleans Traffic</i>	156.700 MHz (Ch.11)	The navigable waters of the Lower Mississippi River below 29°55.3' N 089°55.6' W (Saxonholm Light) at 86.0 miles Above Head of Passes (AHP), extending down river to Southwest Pass, and, within a 12 nautical mile radius around 28°54.3' N 089°25.7' W (Southwest Pass Entrance Light at 20.1 miles Below Head of Passes.	
<i>New Orleans Traffic</i>	156.600 MHz (Ch.12)	The navigable waters of the Lower Mississippi River bounded on the north by a line drawn perpendicular on the river at 29°55'30" N and 090°12'46" W (Upper Twelve Mile Point) at 109.0 miles AHP and on the south by a line drawn perpendicularly at 29°55.3' N 089°55.6' W (Saxonholm Light) at 86.0 miles AHP.	
<i>New Orleans Traffic</i>	156.600 MHz (Ch.05A)	The navigable waters of the Lower Mississippi River below 30°38.7' N 091°17.5' W (Port Hudson Light) at 254.5 miles AHP bounded on the south by a line drawn perpendicular on the river at 29°55'30" N and 090°12'46" W (Upper Twelve Mile Point) at 109.0 miles AHP.	

Table 1 to § 161.12(c) – VTS and VMRS Centers, Call Signs/MMSI, Designated Frequencies, and Monitoring

Center –MMSI <sup>1</sup> –Call Sign	Designated frequency (Channel Designation) –purpose <sup>2</sup>	Monitoring area <sup>3,4</sup>
<b>New York</b>		
—003669951		
<i>New York Traffic</i>	156.550 MHz (Ch. 11) —For Sailing Plans only	The area consists of the navigable waters of the Lower New York Bay bounded on the east by a line drawn from Norton Point to Breezy Point; on the south by a line connecting the entrance buoys at the Ambrose Channel, Swash Channel, and Sandy Hook Channel to Sandy Hook Point; and on the southeast including the waters of Sandy Hook Bay south to a line drawn at latitude 40°25' N; then west in the Raritan Bay to the Raritan River Railroad Bridge, then north into waters of the Arthur Kill and Newark Bay to the Lehigh Valley Draw Bridge at latitude 40°41.9' N; and then east including the waters of the Kill Van Kull and the Upper New York Bay north to a line drawn east-west from the Holland Tunnel ventilator shaft at latitude 40°43.7' N, longitude 74°01.6' W, in the Hudson River; and then continuing east including the waters of the East River to the Throgs Neck Bridge, excluding the Harlem River.
	156.600 MHz (Ch. 12) —For vessels at anchor	
<i>New York Traffic</i>	156.700 MHz (Ch. 14)	The navigable waters of the Lower New York Bay west of a line drawn from Norton Point to Breezy Point; and north of a line connecting the entrance buoys of Ambrose Channel, Swash Channel, and Sandy Hook Channel, to Sandy Hook Point; on the southeast including the waters of the Sandy Hook Bay south to a line drawn at latitude 40°25' N; then west into the waters of Raritan Bay East Reach to a line drawn from Great Kills Light south through Raritan Bay East Reach LGB #14 to Comfort Pt, NJ; then north including the waters of the Upper New York Bay south of 40°42.40' N (Brooklyn Bridge) and 40°43.70' N (Holland Tunnel Ventilator Shaft); west through the KVK into the Arthur Kill north of 40°38.25' N (Arthur Kill Railroad Bridge); then north into the waters of the Newark Bay, south of 40°41.95' N (Lehigh Valley Draw Bridge).
<i>New York Traffic</i>	156.600 MHz (Ch. 12)	The navigable waters of the Raritan Bay south to a line drawn at latitude 40°26' N; then west of a line drawn from Great Kills Light south through the Raritan Bay East Reach LGB #14 to Point Comfort, NJ; then west to the Raritan River Railroad Bridge; and north including the waters of the Arthur Kill to 40°28.25' N (Arthur Kill Railroad Bridge); including the waters of the East River north of 40°42.40' N (Brooklyn Bridge) to the Throgs Neck Bridge, excluding the Harlem River.
<b>Port Arthur</b>		
—003669955		
<i>Port Arthur Traffic</i>	156.050 MHz (Ch. 01A)	The navigable waters of the Sabine-Neches Canal south of 29°52.70' N; Port Arthur Canal; Sabine Pass Channel; Sabine Bank Channel; Sabine Outer Bar Channel; the offshore safety fairway; and the ICW from High Island to its intersection with the Sabine-Neches Canal.
<i>Port Arthur Traffic</i>	156.275 MHz (Ch 65A)	The navigable waters of the Neches River; Sabine River; and Sabine-Neches Waterway north of 29°52.70' N; and the ICW from its intersection with the Sabine River to MM 260.
<i>Port Arthur Traffic</i>	156.675 MHz (Ch 73)6	The navigable waters of the Calcasieu Channel; Calcasieu River Channel; and the ICW from MM 260 to MM 191.
<b>Prince William Sound</b>		
—003669958		
<i>Valdez Traffic</i>	156.650 MHz (Ch. 13)	The navigable waters south of 61°05' N., east of 147°20' W., north of 60° N., and west of 146°30' W.; and, all navigable waters in Port Valdez.
<b>Puget Sound <sup>7</sup></b>		
<i>Seattle Traffic</i>	156.700 MHz (Ch. 14)	The waters of Puget Sound, Hood Canal and adjacent waters south of a line connecting Nodule Point and Bush Point in Admiralty Inlet and south of a line drawn due east from the southernmost tip of Possession Point on Whidbey Island to the shoreline.
—003669957	156.250 MHz (Ch. 5A)	The U.S. waters of the Strait of Juan de Fuca east of 124°40.00' W. including waters south and east of a line drawn from Church Point on Vancouver Island, to Race Rocks Light, due east to the intersection of the U.S./Canadian border at 48°17.88' N. / 123°14.1' W., north-easterly to Hein Bank in position 48°21.094' N. / 123°02.672' W., northerly to Cattle Point Light on San Juan Island, along the shoreline to Lime Kiln Light, to Kellett Bluff Light on Henry Island, along the shoreline to the tip of McCracken Point at the northernmost point of Henry Island, to the southernmost point on Stuart Island in position 48°39.46' N. / 123°11.08' W., along the shoreline to Turn Point Light, to Sandy Point on Waldron Island, along the shoreline to Point Hammond, to Patos Island Light, to Alden Bank in position 48°50.39' N. / 122°52.227' W., then due north to Boundary Bay in position 49°00.125' N. / 122°52.228' W., then due east along the international boundary to the shoreline in Semiahmoo Bay line connecting Nodule Point and Bush Point and all waters east of Whidbey Island north of a line drawn due east from the southernmost tip of Possession Point on Whidbey Island to the shoreline.
<i>Prince Rupert Traffic</i>	156.725 MHz (Ch. 74)	The waters west of 124°40' W. within 12 nautical miles of the coast of Vancouver Island including the waters north of 48° N., and east of 125°15.00' W.
—003160013		
<i>Victoria Traffic</i>	156.550 MHz (Ch. 11)	The waters of the Strait of Georgia, including Vancouver Harbor, Boundary Pass, and Haro Strait north and west a line drawn from Church Point on Vancouver Island, to Race Rocks Light, due easterly to the intersection of the U.S./Canadian border at 48°17.883'N. / 123°14.1' W., north-easterly to Hein Bank in position 48°21.093' N. / 123°02.762' W., northerly to Cattle Point Light on San Juan Island, along the shoreline to Lime Kiln Light, to Kellett Bluff Light on Henry Island, along the shoreline to the tip of McCracken Point at the northernmost point of Henry Island, to the southernmost point on Stuart Island in position 48°39.467' N. / 123°11.083' W., along the shoreline to Turn Point Light, to Sandy Point on Waldron Island, along the shoreline to Point Hammond, to Patos Island Light, to Alden Bank in position 48°50389' N. / 122°52.227' W., then due north to Boundary Bay in position 49°00.125' N. / 122°52.227' W., then due east along the international boundary to the shoreline in Semiahmoo Bay.
—03160010		

Table 1 to § 161.12(c) – VTS and VMRS Centers, Call Signs/MMSI, Designated Frequencies, and Monitoring

Center —MMSI <sup>1</sup> —Call Sign	Designated frequency (Channel Designation) —purpose <sup>2</sup>	Monitoring area <sup>3,4</sup>
<b>San Francisco</b>		
—003669956 <i>San Francisco Traffic</i>	156.700 MHz (Ch. 14)	The navigable waters of the San Francisco Offshore Precautionary Area, the navigable waters shoreward of the San Francisco Offshore Precautionary Area east of 122°42.0' W. and north of 37°40.0' N. extending eastward through the Golden Gate, and the navigable waters of San Francisco Bay and as far east as the port of Stockton on the San Joaquin River, as far north as the port of Sacramento on the Sacramento River.
<i>San Francisco Traffic</i>	156.600 MHz (Ch. 12)	The navigable waters within a 38 nautical mile radius of Mount Tamalpais (37°55.8' N., 122°34.6' W.) west of 122°42.0' W. and south of 37°40.0' N and excluding the San Francisco Offshore Precautionary Area.
<b>St. Marys River</b>		
—003669953 <i>Soo Traffic</i>	156.600 MHz (Ch. 12)	The waters of the St. Marys River between 45°57' N. (De Tour Reef Light) and 46°38.7' N. (Ile Parisienne Light), except the St. Marys Falls Canal and those navigable waters east of a line from 46°04.16' N. and 46°01.57' N. (La Pointe to Sims Point in Potagannissing Bay and Worsley Bay).

NOTES:

<sup>1</sup> Maritime Mobile Service Identifier (MMSI) is a unique nine-digit number assigned that identifies ship stations, ship earth stations, coast stations, coast earth stations, and group calls for use by a digital selective calling (DSC) radio, an INMARSAT ship earth station or AIS. AIS requirements are set forth in §161.21. The requirements set forth in §§161.21 and 164.46 of this subchapter apply in those areas denoted with a MMSI number, except for Louisville and Los Angeles/Long Beach.

<sup>2</sup> In the event of a communication failure, difficulties or other safety factors, the Center may direct or permit a user to monitor and report on any other designated monitoring frequency or the bridge-to-bridge navigational frequency, 156.650 MHz (Channel 13) or 156.375 MHz (Ch. 67), to the extent that doing so provides a level of safety beyond that provided by other means. The bridge-to-bridge navigational frequency, 156.650 MHz (Ch. 13), is used in certain monitoring areas where the level of reporting does not warrant a designated frequency.

<sup>3</sup> All geographic coordinates (latitude and longitude) are expressed in North American Datum of 1983 (NAD 83).

<sup>4</sup> Some monitoring areas extend beyond navigable waters. Although not required, users are strongly encouraged to maintain a listening watch on the designated monitoring frequency in these areas. Otherwise, they are required to maintain watch as stated in 47 CFR 80.148.

<sup>5</sup> In addition to the vessels denoted in §161.16 of this chapter, requirements set forth in subpart B of this part also apply to any vessel transiting VMRS Buzzards Bay required to carry a bridge-to-bridge radiotelephone by part 26 of this chapter.

<sup>6</sup> Until otherwise directed, full VTS services will not be available in the Calcasieu Channel, Calcasieu River Channel, and the ICW from MM 260 to MM 191. Vessels may contact Port Arthur Traffic on the designated VTS frequency to request advisories, but are not required to monitor the VTS frequency in this sector.

<sup>7</sup> A Cooperative Vessel Traffic Service was established by the United States and Canada within adjoining waters. The appropriate Center administers the rules issued by both nations; however, enforces only its own set of rules within its jurisdiction. Note, the bridge-to-bridge navigational frequency, 156.650 MHz (Ch. 13), is not so designated in Canadian waters, therefore users are encouraged and permitted to make passing arrangements on the designated monitoring frequencies.