



No. 40



3 OCTOBER 2015

UNITED STATES OF AMERICA

NOTICE TO MARINERS



Published Weekly by the
National Geospatial-Intelligence Agency

Prepared Jointly with the
National Ocean Service and U.S. Coast Guard

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Visit the Maritime Safety Web site at <http://msi.nga.mil/NGAPortal/MSI.portal>

IMPORTANT INFORMATION

The Notice to Mariners is published by the National Geospatial-Intelligence Agency (NGA), under the authority of Department of Defense Directive 5105.60, to advise mariners of important matters affecting navigational safety, including new hydrographic discoveries, changes in channels and navigational aids, etc. (U.S. Code Title 10, Sec. 442 and Title 44, Sec. 1336 refer). Nothing in the arrangement of information implies endorsement or acceptance by NGA in matters affecting the status and boundaries of States and territories. The Notice to Mariners presents corrective information affecting charts, NGA/DLIS Catalog of Maps Charts and Related Products, Coast Pilots, USCG Light Lists, NGA List of Lights and other products produced by the National Geospatial-Intelligence Agency, National Ocean Service and U.S. Coast Guard.

Information for the Notice to Mariners is contributed by the following Agencies: National Geospatial-Intelligence Agency (NGA) (Department of Defense) for waters outside the territorial limits of the United States; National Ocean Service (NOS) (Department of Commerce), which is charged with the surveys and charting of the coasts and harbors of the United States and its territories; the U.S. Coast Guard (USCG) (Department of Homeland Security), which is responsible for the safety of life at sea and the establishment and operation of aids to navigation; and the U.S. Army Corps of Engineers (Department of Defense), which is charged with the improvement of rivers and harbors of the United States. In addition, important contributions are made by foreign hydrographic offices and cooperating observers of all nationalities.

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

<u>Name</u>	<u>Telephone</u>	<u>DSN</u>	<u>FAX</u>
Maritime Safety Office	571-557-8384	N/A	571-558-3213
World Wide Navigational Warning Service	571-557-5455	547-5455	571-558-3426
Maritime Safety Web site	571-557-7103	547-7103	N/A
Notice to Mariners: Regions 1 and 2	571-557-8282	547-8282	571-558-3213
Notice to Mariners: Regions 3 thru 9	571-557-8383	547-8383	571-558-3213
Sailing Directions, Fleet Guides	571-557-5831	547-5831	571-558-3213
Navigation Publications	571-557-8080	547-8080	571-558-3213
NGA/DLIS Catalog of Maps Charts and Related Products	269-961-7766	661-7766	269-961-7791

The Maritime Safety Web site can be accessed directly at <http://msi.nga.mil/NGAPortal/MSI.portal>. For your convenience NGA provides four e-mail addresses. For information affecting Notice to Mariners use MCDNtM@nga.mil, for information affecting Sailing Directions and all other navigational publications use MCDPubs@nga.mil, for information concerning the Maritime Safety Web site, use webmaster_nss@nga.mil and for information concerning the World Wide Navigational Warning Service, use NavSafety@nga.mil.

Mariners are requested to notify NGA of discrepancies in charts and publications, using the Marine Information Report and Suggestion Sheet at the back of this Notice to Mariners. This form should also be used to report permanent changes, additions, or deletions from charted or published information. Reports which constitute an immediate hazard to navigation should be sent to the nearest NAVAREA Coordinator via coast radio stations. All reports are greatly appreciated. Marine Information Report and Suggestion sheets received during the past week were submitted by the following observers:

Cover Photo: Nathaniel Bowditch (March 26, 1773-March 16, 1838) was an early American mathematician remembered for his work on ocean navigation. He is often credited as the founder of modern maritime navigation. His book *The New American Practical Navigator*, first published in 1802, is still carried on board every commissioned U.S. Naval vessel.

INFORMATION
OF
SPECIAL INTEREST
OR
IMPORTANCE
TO
MARINERS

NM 40/15

HYDROGRAM

**National Geospatial-Intelligence Agency
Springfield, VA 22150-7500**

SPECIAL
ANNOUNCEMENTS

NEW PRODUCTS
OR SERVICES

IMPORTANT
CHANGES

3 October 2015

NEW EDITION OF BOWDITCH PLANNED

NGA'S MARITIME SAFETY OFFICE IS SEEKING INPUT FOR A NEW EDITION OF THE AMERICAN PRACTICAL NAVIGATOR. SEE SECTION III.

NGA CHART NEW EDITIONS AND THEIR AVAILABILITY

NGA RECOGNIZES TWO PAPER NAUTICAL CHART PRODUCTS: ENTERPRISE PRODUCT ON DEMAND-MARITIME (EPOD-M) CHARTS AND TRADITIONAL NGA PAPER CHARTS. FOR ADDITIONAL INFORMATION, SEE SECTIONS II AND III.

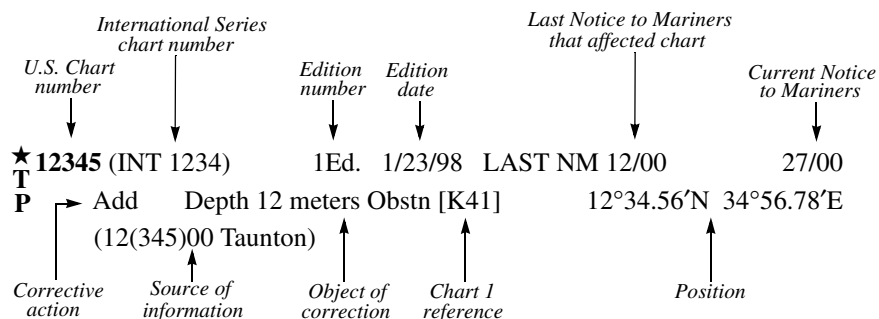
NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY'S IMPLEMENTATION OF A HARDCOPY TO DIGITAL TRANSITION STRATEGY

THIS NOTICE IS A REMINDER OF THE NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY (NGA) HARDCOPY TO DIGITAL TRANSITION PROGRAM. SEE SECTION III FOR DETAILS.

EXPLANATION OF CONTENTS

The Notice to Mariners contains corrective information affecting nautical charts, the NGA/DLIS Catalog of Maps Charts and Related Products, Coast Pilots, USCG Light Lists, NGA List of Lights and other related nautical publications. The information contained in these corrections is important to safe navigation. It is the user's responsibility to decide which of their charts and publications require correction. Consult the U.S. Coast Guard Local Notice to Mariners for information pertaining to waterways within the United States that are not normally used by oceangoing vessels. Because of the sometimes transitory nature of aids to navigation, depths and port information, local area sources should be consulted whenever possible. This publication is not required to be maintained intact. Portions may be separated for correction or attachment to an affected product. The Notice to Mariners is divided into the following sections:

Section I-1 contains corrections to nautical charts listed in numeric order by chart number. Each chart correction listed applies only to that particular chart. Related charts, if any, will have their own specific correction listed separately. Users should also refer to U.S. Chart 1 Nautical Chart Symbols, Abbreviations and Terms for additional information pertaining to the correcting of charts. The illustration below describes the elements that comprise a typical chart correction:



A chart correction preceded by:

★ indicates that it is based upon original U.S. source information.

T indicates that it is temporary in nature.

P indicates that it is preliminary, and that permanent corrective action will appear in a future Notice to Mariners.

The letter M immediately following the chart number indicates that the correction should be applied to the metric side of the chart only. The letter N is not a part of the chart number.

The letter N preceding the current Notice to Mariners number indicates that the affected chart is on Limited Distribution and is normally only for use by U.S. Navy, government-owned or -chartered vessels.

Position coordinates are referred to the horizontal datum of the affected chart.

Courses and bearings are given in degrees true.

Light sectors are expressed in degrees true from the vessel TOWARD the light.

The visible range(s) listed for lights is normally the nominal range (the distance at which it can be seen in clear weather), expressed in nautical miles, except in the Great Lakes where it is expressed in statute miles.

The colors of structures and lights of navigational aids are abbreviated in accordance with Chart 1.

Section I-2* contains all chartlets, depth tabulations and notes associated with the chart corrections in Section I-1. Chartlets and depth tabulations supersede all previous information portrayed.

Section I-3 lists all NGA and NOS charts which have been affected by Notice to Mariners and the notice numbers which have affected them since the date of the oldest Summary of Corrections or the chart's announcement, whichever is later.

Section II-1 is a weekly listing of corrections to the NGA/DLIS Catalog of Maps Charts and Related Products, including new charts and publications. It also contains the latest price category information.

Section II-2* contains corrections to navigation publications, including Coast Pilots, *The American Practical Navigator*, and other related nautical publications.

Section II-3* lists weekly updates to the USCG Light Lists.

Section II-4* lists weekly updates to the NGA List of Lights.

Section II-5 lists all NGA, NOS and USCG navigation publications which have been affected by Notice to Mariners and the notice numbers which have affected them since the date of the publication's announcement.

Section III-1 lists the message number of all in-force Navigational Warnings, and the text of those warnings promulgated during the previous week. Notice to Mariners Nos. 13, 26 and 39 list a summary of all in-force Navigational Warnings for the preceding quarter. Notice to Mariners No. 52 lists a complete summary of all in-force Navigational Warnings.

Section III-2 contains miscellaneous information of particular interest to the maritime community.

*The left-hand pages of these sections are intentionally blank.

SECTION I
CHART CORRECTIONS

NM 40/15

1113A (INT 4148)	Ed. 2/13	LAST NM 30/15	40/15	★11384	38Ed. 10/13	LAST NM 11/15	40/15
Delete	Buoy "MR"	24°27.5'N 82°12.5'W		Add	Tabulation of controlling depths from		
	Buoy "CB"	24°26.9'N 82°05.4'W			Subsection I-2		
	Buoy "SW"	24°26.7'N 81°58.8'W			(Supersedes 11/15-11384)		
	Buoy "12"	24°57.0'N 80°27.6'W			(NOS)		
(29/15 CG7)							
11013	48Ed. 2/12	LAST NM 18/15	40/15	11420 (INT 4148)	30Ed. 2/13	LAST NM 30/15	40/15
Delete	Buoy	24°27.4'N 82°12.4'W		(Side 11420)			
	Buoy	24°26.8'N 82°05.6'W		Delete	Buoy "MR"	24°27.5'N 82°12.5'W	
	Buoy "SW"	24°26.7'N 81°58.9'W			Buoy "CB"	24°26.9'N 82°05.4'W	
(29/15 CG7)					Buoy "SW"	24°26.7'N 81°58.8'W	
					Buoy "12"	24°57.0'N 80°27.6'W	
★11314	26Ed. 7/15	NEW EDITION	40/15	(Side INT 4148)			
(NOS)				Delete	Buoy "MR"	24°27.5'N 82°12.5'W	
					Buoy "CB"	24°27.1'N 82°05.3'W	
					Buoy "SW"	24°26.7'N 81°58.8'W	
					Buoy "12"	24°57.0'N 80°27.7'W	
11341	44Ed. 3/13	LAST NM 13/15	40/15	(29/15 CG7)			
Delete	Platform	29°28'30"N 93°30'26"W		11423	9Ed. 10/12/13	LAST NM N30/15	N40/15
(28/15 CG8)				Delete	Buoy "MR"	24°27.5'N 82°12.6'W	
					Buoy "CB"	24°27.1'N 82°05.3'W	
★11353	7Ed. 3/14	LAST NM 34/15	40/15		Buoy "SW"	24°26.7'N 81°58.8'W	
Add	Submarine pipeline [L40.1] between	29°26'23.9"N 89°09'44.6"W			Buoy "12"	24°57.0'N 80°27.9'W	
		29°27'13.0"N 89°10'46.0"W		(29/15 CG7)			
(NOS)				11434	29Ed. 7/13	LAST NM 18/15	40/15
				Delete	Buoy "MR"	24°27'30"N 82°12'28"W	
★11361	78Ed. 6/15	LAST NM 36/15	40/15		Buoy "CB"	24°27'05"N 82°05'18"W	
Add	Platform [L10]	29°17'02"N 88°46'15"W			Buoy "SW"	24°26'41"N 81°58'50"W	
(NOS)				(29/15 CG7)			
				11435	15Ed. 10/5/13	LAST NM N18/15	N40/15
11363	44Ed. 2/13	LAST NM 34/15	40/15	Delete	Buoy "MR"	24°27'31"N 82°12'28"W	
Add	Submarine pipeline [L40.1] between	29°26'24"N 89°09'45"W			Buoy "CB"	24°27'07"N 82°05'18"W	
		29°27'13"N 89°10'46"W			Buoy "SW"	24°26'42"N 81°58'50"W	
(NOS)				(29/15 CG7)			
				★11439	27Ed. 3/13	LAST NM 43/14	40/15
11376	57Ed. 1/14	LAST NM 36/15	40/15	Delete	Buoy "MR"	24°27'30"N 82°12'28"W	
Delete	Platform	30°16'00"N 87°58'24"W			Buoy "CB"	24°27'03"N 82°05'19"W	
					Buoy "SW"	24°26'38"N 81°58'48"W	
Add	Tabulation of controlling depths from				Buoy "A"	24°27'07"N 81°57'48"W	
	Subsection I-2				Buoy "B"	24°27'30"N 81°56'49"W	
	(See 19/15-11376)				Buoy "C"	24°28'01"N 81°55'48"W	
					Buoy "2"	24°28'28"N 81°54'49"W	
	(Inset)				Buoy "3"	24°29'02"N 81°54'16"W	
Change	Legend to "48 FT 2015"	30°40'10.2"N 88°01'50.0"W			Buoy "4"	24°29'32"N 81°53'26"W	
	Legend to "33 FT MAY 2015"	30°43'38.6"N 88°02'26.9"W		(28, 29/15 CG7)			
(NOS; 28/15 CG8)				★11441	42Ed. 2/13	LAST NM 18/15	40/15
				Delete	Buoy "SW"	24°26'38.2"N 81°58'47.6"W	
★11377	10Ed. 1/13	LAST NM 33/15	40/15		Buoy "A"	24°27'07.2"N 81°57'47.5"W	
Delete	Platform	30°16'00.2"N 87°58'24.2"W			Buoy "B"	24°27'30.3"N 81°56'48.6"W	
(28/15 CG8)					Buoy "C"	24°28'01.4"N 81°55'47.6"W	
					Buoy "2"	24°28'29.0"N 81°54'48.4"W	
11378	38Ed. 4/13	LAST NM 23/15	40/15		Buoy "3"	24°29'02.4"N 81°54'15.7"W	
	(Side A)				Buoy "4"	24°29'32.3"N 81°53'25.9"W	
Add	Tabulations (2) of controlling depths from				Bn	24°32'40.0"N 81°48'41.9"W	
	Subsection I-2				Bn	24°32'40.0"N 81°48'37.9"W	
	(Supersedes 11, 18/15-11378)			(21, 28, 29/15 CG7)			
	(Side B)			11442	36Ed. 10/12	LAST NM 18/15	40/15
Delete	Platform	30°16'00.0"N 87°58'24.0"W		Delete	Buoy "2"	24°28'31"N 81°54'47"W	
(NOS; 28/15 CG8)					Buoy "3"	24°29'04"N 81°54'16"W	
					Buoy "4"	24°29'33"N 81°53'25"W	
11382	42Ed. 10/12	LAST NM 11/15	40/15	(28/15 CG7)			
Add	Tabulation of controlling depths from			11446	33Ed. 1/13	LAST NM 18/15	40/15
	Subsection I-2			Delete	Bn	24°32'40.0"N 81°48'42.0"W	
	(Supersedes 11/15-11382)				Buoy "4"	24°29'32.8"N 81°53'26.8"W	
(NOS)				(21, 28/15 CG7)			
★11383	54Ed. 10/13	LAST NM 18/15	40/15	★11447	38Ed. 7/13	LAST NM 18/15	40/15
Add	Tabulations (2) of controlling depths from			Delete	Bn	24°32'40.0"N 81°48'42.0"W	
	Subsection I-2				Bn	24°32'40.0"N 81°48'38.0"W	
	(Supersedes 11, 18/15-11383)			(21/15 CG7)			
(NOS)							

<p>11450 11Ed. 9/11 LAST NM 39/14 40/15 Delete Buoy "12" 24°56'56"N 80°27'27"W (29/15 CG7)</p> <p>11451 35Ed. 2/11 LAST NM 35/15 40/15 (Page A) Add Visibility (range) 5M to light "20" 25°23'10"N 80°11'31"W (Page B, Inset 3) Change Visibility (range) of light "20" to 5M 25°23'07.2"N 80°11'30.4"W (Page E) Delete Buoy "12" 24°56'58"N 80°27'25"W (29/15 CG7)</p> <p>11460 43Ed. 7/12 LAST NM 18/15 40/15 Delete Buoy "12" 24°57.0'N 80°27.5'W (29/15 CG7)</p> <p>11461 5Ed. 4/26/97 LAST NM 18/15 40/15 Delete Buoy "12" 24°57.2'N 80°27.7'W (29/15 CG7)</p> <p>11462 27Ed. 1/13 LAST NM 28/15 40/15 Delete Buoy "12" 24°57'01"N 80°27'25"W Change Visibility (range) of light "20" to 5M 25°23'09"N 80°11'28"W (29/15 CG7)</p> <p>★11463 19Ed. 12/12 LAST NM 28/15 40/15 Change Visibility (range) of light "20" to 5M 25°23'08.5"N 80°11'30.6"W (29/15 CG7)</p> <p>★11464 18Ed. 7/14 LAST NM 48/14 40/15 Delete Buoy "12" 24°57'00.1"N 80°27'26.7"W (29/15 CG7)</p> <p>13003 51Ed. 9/12 LAST NM 38/15 40/15 Add Legend "(MRASS)" to light 43°09.7'N 70°35.2'W (10/15 CG1)</p> <p>13006 36Ed. 7/12 LAST NM 36/15 40/15 Add Legend "(MRASS)" to light 42°19.8'N 70°53.5'W Legend "(MRASS)" to light 43°10.0'N 70°35.4'W (10/15 CG1)</p> <p>13009 36Ed. 5/14 LAST NM 36/15 40/15 Add Legend "(MRASS)" to light 42°19.7'N 70°53.4'W Legend "(MRASS)" to light 43°09.9'N 70°35.5'W (10/15 CG1)</p> <p>13200 38Ed. 9/12 LAST NM 36/15 40/15 Add Legend "(MRASS)" to light 42°19.6'N 70°53.3'W (10/15 CG1)</p> <p>13201 12Ed. 6/29/13 LAST NM N36/15 N40/15 Add Legend "(MRASS)" to light 42°19.6'N 70°53.3'W (10/15 CG1)</p> <p>13205 40Ed. 7/14 LAST NM 35/15 40/15 Add Legend "(MRASS)" to light "3" 41°21'56"N 71°30'53"W (10/15 CG1)</p> <p>13215 21Ed. 9/14 LAST NM 35/15 40/15 Add Legend "(MRASS)" to light "3" 41°21'56"N 71°30'53"W (10/15 CG1)</p> <p>13218 42Ed. 7/13 LAST NM 37/15 40/15 Add Legend "(MRASS)" to light "3" 41°21'56"N 71°30'53"W (10/15 CG1)</p>	<p>★13219 14Ed. 7/14 LAST NM 37/15 40/15 Add Legend "(MRASS)" to light "3" 41°21'56.2"N 71°30'53.0"W (10/15 CG1)</p> <p>13260 41Ed. 8/12 LAST NM 35/15 40/15 Add Legend "(MRASS)" to light 42°19.6'N 70°53.3'W Legend "(MRASS)" to light 43°09.9'N 70°35.5'W (10/15 CG1)</p> <p>13263 9Ed. 6/22/13 LAST NM N35/15 N40/15 Add Legend "(MRASS)" to light 42°19.6'N 70°53.3'W Legend "(MRASS)" to light 43°09.9'N 70°35.5'W (10/15 CG1)</p> <p>13267 36Ed. 9/13 LAST NM 35/15 40/15 Add Legend "(MRASS)" to light 42°19'41"N 70°53'24"W (10/15 CG1)</p> <p>★13270 64Ed. 2/11 LAST NM 35/15 40/15 Add Legend "(MRASS)" to light 42°19'40.9"N 70°53'23.8"W (10/15 CG1)</p> <p>13274 28Ed. 4/11 LAST NM 32/15 40/15 (Side A, Right Panel) Add Legend "(MRASS)" to light 43°04'16"N 70°42'32"W (10/15 CG1)</p> <p>13278 28Ed. 8/13 LAST NM 32/15 40/15 Add Legend "(MRASS)" to light 43°04'17"N 70°42'31"W (10/15 CG1)</p> <p>★13283 23Ed. 12/14 LAST NM 32/15 40/15 Add Legend "(MRASS)" to light 43°09'54.8"N 70°35'27.8"W Legend "(MRASS)" to light 43°04'15.8"N 70°42'31.2"W (Continuation) Add Legend "(MRASS)" to light 43°09'54.8"N 70°35'27.9"W (Inset) Add Legend "(MRASS)" to light 43°04'15.8"N 70°42'31.1"W (10/15 CG1)</p> <p>13286 32Ed. 12/13 LAST NM 32/15 40/15 Add Legend "(MRASS)" to light 43°09'54"N 70°35'27"W Legend "(MRASS)" to light 43°04'15"N 70°42'31"W (10/15 CG1)</p> <p>★18649 68Ed. 6/13 LAST NM 38/15 40/15 Add Tabulation of controlling depths from Subsection I-2 (NOS)</p> <p>21401 21Ed. 4/24/10 LAST NM 9/12 40/15 Add Buoy Y, spherical, Fl Y 20s 16°47'23.0"N 99°51'43.9"W (2(53)14 (SM) Mexico, D.F.; UKHO ARCS 1944-1)</p> <p>25001 7Ed. 8/11/01 LAST NM 24/15 40/15 Delete Depth 56 meters 16°24.3'N 60°54.3'W Add Depth 37 meters 16°23.9'N 60°53.4'W (31(255)15 Brest)</p> <p>25550 2Ed. 11/6/93 LAST NM 42/14 40/15 Delete Depth 44 meters 16°23.6'N 60°53.6'W Change Note to "Nature Reserves The areas around Saba, Saint-Barthelemy and Sint Eustatius are appointed as Nature Reserves. With the exception of the designated anchorage areas, anchoring is allowed only with the permission of the local authorities." 16°25.3'N 62°42.0'W Add Depth 37 meters 16°23.9'N 60°53.4'W Legend "Nature Reserve (see note)" 17°52.5'N 62°44.3'W</p>
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SECTION I

NM 40/15

	Buoy R, spherical, Fl 5s with legend "(Marine Farm)"	17°26.8'N 63°07.3'W							
	(34(276)14 Den Haag; 45(256)14, 31(255)15 Brest)								
25563	50Ed. 6/10/95 LAST NM 48/14		40/15						
	Delete Depth 45 meters	16°23.9'N 60°53.3'W							
	Add Depth 37 meters	16°23.9'N 60°53.4'W							
	(31(255)15 Brest)								
25600	47Ed. 11/6/93 LAST NM 11/15		40/15						
	Change Note to								
	"Nature Reserves								
	The areas around Saba, Saint Barthelemy, Ile Fourche, Ilot de la Fregate, Ilot Toc Vers, Saint Martin and Sint Eustatius are appointed as Nature Reserves. With the exception of the designated anchorage areas, anchoring is allowed only with the permission of the local authorities."	18°40.0'N 62°27.5'W							
	Add Legend "Nature Reserve (see note)"	18°04.9'N 63°03.5'W							
	Legend "Nature Reserve (see note)"	17°53.6'N 62°31.5'W							
	Buoy R, spherical, Fl 5s with legend "(Marine Farm)"	17°26.8'N 63°07.3'W							
	(34(276)14 Den Haag; 45(256)14 Brest)								
25607	4Ed. 7/15/95 LAST NM 1/13		40/15						
	Add Buoy R, spherical, Fl 5s with legend "(Marine Farm)"	17°26'48"N 63°07'11"W							
	(Plan B)								
	Add Buoy (mooring) [Q40] W, spherical with legend "Buoys (3)"	17°27'58.2"N 62°59'28.2"W							
	Buoy (mooring) [Q40] W, spherical with legend "Buoys (2)"	17°28'45.0"N 62°59'39.6"W							
	Buoy (mooring) [Q40] W, spherical with legend "Buoys (2)"	17°30'48.6"N 63°00'06.6"W							
	Buoy (mooring) [Q40] R, spherical with legend "Buoys (2)"	17°29'00.6"N 62°59'52.8"W							
	Buoy (mooring) [Q40] W, spherical	17°28'13.8"N 62°59'29.4"W							
	Buoy (mooring) [Q40] W, spherical	17°28'19.2"N 62°59'15.0"W							
	Buoy (mooring) [Q40] W, spherical	17°31'00.6"N 63°00'12.6"W							
	(34(276)14 Den Haag)								
25608	22Ed. 5/04 LAST NM 36/13		40/15						
	(Plan B)								
	Delete Buoy "G1"	17°54'06.9"N 62°51'38.4"W							
	Buoy "G3"	17°54'03.1"N 62°51'23.6"W							
	Buoy "G5"	17°54'02.1"N 62°51'19.9"W							
	Buoy "G9"	17°53'57.4"N 62°51'09.3"W							
	Change Characteristic of buoy "G6" to Fl(3) G 12s	17°54'13.6"N 62°51'19.3"W							
	Buoy "G7" to "G9" R, conical, cone topmark, Fl R 4s	17°54'02.4"N 62°51'15.1"W							
	Add Light Fl(2) G 6s to buoy "G4"	17°54'15.9"N 62°51'28.6"W							
	Buoy "G1" R, conical, cone topmark, Fl R 2.5s	17°54'10.4"N 62°51'35.0"W							
	Buoy "G3" R, conical, cone topmark, Fl(2) R 6s	17°54'06.1"N 62°51'31.4"W							
	Buoy "G5" R, conical, cone topmark, Fl(3) R 12s	17°54'04.2"N 62°51'26.4"W							
	Buoy "G7" R, conical, cone topmark, QR	17°54'02.9"N 62°51'18.8"W							
	Buoy "G11" R, conical, cone topmark, Fl(2) R 6s	17°53'59.6"N 62°51'09.3"W							
	(45(256)14, 7(258)15 Brest)								
25613	3Ed. 2/7/04 LAST NM 35/14		40/15						
	Substitute Rock which covers and uncovers [K11] for dangerous submerged rock	17°53'31"N 62°47'37"W							
	(21(256)15 Brest)								
★26063	6Ed. 2/28/15 NEW EDITION (NGA)								40/15
27080	4Ed. 9/1/01 LAST NM 18/15		40/15						
	Delete Buoy "MR"	24°27.5'N 82°12.6'W							
	Buoy "CB"	24°27.1'N 82°05.3'W							
	Buoy "SW"	24°26.7'N 81°58.8'W							
	Buoy "12"	24°56.9'N 80°27.5'W							
	(29/15 CG7)								
27120	4Ed. 7/3/99 LAST NM 20/13		40/15						
	Change Visibility (range) of light to 12M (Mex LL)	20°35.2'N 86°43.9'W							
28190	2Ed. 6/5/99 LAST NM 10/12		40/15						
	Change Visibility (range) of light to 12M (Mex LL)	20°35.7'N 86°43.7'W							
28196	4Ed. 3/27/99 LAST NM 10/12		40/15						
	Change Visibility (range) of light to 12M (Mex LL)	20°35'21"N 86°43'30"W							
38461	1Ed. 10/6/12 LAST NM N52/12		N40/15						
	Delete Range lights (2), range line and legend "191°-011°" between	68°42'53"N 52°49'30"W 68°51'47"N 52°44'42"W							
	(2(116)15 Kobenhavn)								
38482	1Ed. 9/8/12 LAST NM N1/13		N40/15						
	Delete Range lights (2), range line and legend "Lts...191°" between	68°42'56"N 52°49'24"W 68°46'09"N 52°47'40"W							
	Range lights (2), range line and legend "Lts...094°" between	68°43'03"N 52°49'16"W 68°43'09"N 52°53'24"W							
	(2(116)15 Kobenhavn)								
44048	13Ed. 1/12/13 LAST NM N28/13		N40/15						
	Change Light to Iso WRG 8s 11m 8M	55°43'15"N 12°39'51"E							
	Light to Iso WRG 4s 11m 8M	55°43'11"N 12°40'03"E							
	Add Buoy Y, spar, "X" topmark [Q130.6]	55°55'45"N 12°41'14"E							
	(2(62)15 Kobenhavn; 542(10293)15 Norrköping)								
44049	11Ed. 5/18/13 LAST NM N25/15		N40/15						
	Change Light to Iso WRG 8s 11m 8M	55°43'15"N 12°39'51"E							
	Light to Iso WRG 4s 11m 8M	55°43'11"N 12°40'03"E							
	(2(62)15 Kobenhavn)								
44050	24Ed. 5/3/14 LAST NM N41/14		N40/15						
	Delete Prohibited area in vicinity	55°43'19.3"N 12°37'45.0"E							
	Buoy (OG)	55°40'41.1"N 12°35'37.7"E							
	Buoy (QG)	55°43'21.0"N 12°38'33.6"E							
	Buoy (QG)	55°43'04.1"N 12°37'56.2"E							
	Buoy	55°43'32.7"N 12°37'59.6"E							
	Buoy	55°43'26.9"N 12°38'16.7"E							
	Buoy	55°43'32.8"N 12°37'40.9"E							
	Buoy	55°43'31.1"N 12°37'25.7"E							
	Buoy	55°43'27.1"N 12°37'10.6"E							
	Buoy	55°43'21.3"N 12°37'02.1"E							
	Beacon	55°43'15.5"N 12°36'53.5"E							
	Change Visibility (range) of light to 8M	55°43'15.2"N 12°39'51.2"E							
	Visibility (range) of light to 8M	55°43'10.9"N 12°40'03.0"E							
	(2(62, 64), 20(296)15 Kobenhavn)								
44059	1Ed. 11/7/09 LAST NM N11/14		N40/15						
	Substitute Depth 5.5 meters Wk [K26] for depth 5.2 meters Wk	54°52'16.5"N 12°09'28.9"E							
	Add Depth 4.6 meters	54°52'07.8"N 12°09'02.4"E							
	(36(935)14, 19(285)15 Kobenhavn)								
44067	23Ed. 8/8/09 LAST NM 49/14		40/15						
	Substitute Depth 5.5 meters Wk [K26] for depth 5.2 meters Wk	54°52.3'N 12°09.5'E							
	(36(935)14 Kobenhavn)								

44084 2Ed. 3/8/14 LAST NM N39/15 N40/15
 (Panel A)
 Delete Position circle "Tide Gauge" 53°55'23.4"N 14°17'01.2"E
 (Supersedes N25/15-44084)
 (34(536)15 Gdynia)

44100 9Ed. 3/29/14 LAST NM N47/14 N40/15
 Change Visibility (range) of light to 8M 55°43.3'N 12°39.9'E
 Visibility (range) of light to 8M 55°43.2'N 12°40.0'E
 (2(62)15 Kobenhavn)

44120 9Ed. 12/14/13 LAST NM N39/15 N40/15
 Substitute Depth 12.2 meters Foul [K31.1] for wreck 54°12.0'N 15°31.3'E
 (See N18/15-44120)
 (34(535)15 Gdynia)

44341 8Ed. 10/13/12 LAST NM N42/13 N40/15
 Delete Light "RYSAKIVI" 60°06'05"N 24°51'19"E
 Substitute Depth 2 meters for 2.6 meters 60°10'21"N 25°15'02"E
 Change Shape of buoy to pillar and add light flare symbol 60°02'10"N 24°53'48"E
 Add Purple heavy dashed line (fairway area limit) between 59°58'43"N 24°53'04"E
 59°58'41"N 24°56'07"E
 Depth 2.5 meters 60°07'14"N 24°46'00"E
 Depth 11.5 meters 60°07'14"N 25°03'19"E
 (5(66, 69), 8(98), 10(113), 17(175), 18(188)15 Helsinki)

44342 9Ed. 10/16/10 LAST NM N35/12 N40/15
 Delete Light (VQ(3)) 60°06'05.4"N 24°51'18.5"E
 Change Shape of buoy to pillar and add light flare symbol 60°02'09.9"N 24°53'48.4"E
 Add Depth 11.5 meters 60°07'14.4"N 25°03'19.1"E
 (5(69), 8(98), 18(188)15 Helsinki)

51220 8Ed. 9/26/98 LAST NM 33/15 40/15
 Relocate Buoy "CA1" from 33°39.3'N 7°34.7'W to 33°40.1'N 7°34.6'W
 Change Characteristic of buoy to Fl 5s 33°46.1'N 7°23.3'W
 (4(26)11, 18(93)12 Brest; 9(897)11 Taunton)

51222 6Ed. 2/17/96 LAST NM 7/11 40/15
 Add Solid line (jetty) [F14] between 33°36'30.6"N 7°36'09.6"W
 33°36'35.6"N 7°35'58.9"W
 (See 16/03-51222)
 Dashed line between 33°36'35.6"N 7°35'58.9"W
 33°36'21.8"N 7°35'50.0"W
 Legend "Works in Progress (2010)" 33°36'25.4"N 7°35'58.0"W
 (31(46)10 Brest; 36(4347)10 Taunton)

52180 14Ed. 7/31/99 LAST NM 35/15 40/15
 Add Wreck [K29] (PA) 37°35.3'N 9°56.1'E
 (1(127)13 Brest)

52183 9Ed. 4/17/99 LAST NM 35/15 40/15
 (Panel A)
 Delete Buoy 37°12'39.5"N 9°50'25.2"E
 Add Dangerous wreck [K28] 37°10'24.9"N 9°49'23.9"E
 Depth 9.2 meters 37°12'50.0"N 9°49'50.7"E
 Depth 9.8 meters 37°12'47.8"N 9°49'50.9"E
 and enclose above depths (2) by depth contour
 (10-meter)
 Dangerous wreck [K28] 37°12'58.1"N 9°49'53.5"E
 (Tun CH 1505)

52184 4Ed. 4/27/13 LAST NM N35/15 N40/15
 Delete Buoy 37°12'39"N 9°50'25"E

Add Marine farm area [K48.1] bound by dashed line joining 37°15'46"N 9°59'10"E
 37°15'46"N 10°00'00"E
 37°15'33"N 10°00'00"E
 37°15'33"N 9°59'10"E

Buoy Y, conical, "X" topmark, Fl(3) Y 10s 37°15'46"N 9°59'10"E

Buoy Y, conical, "X" topmark, Fl(3) Y 10s 37°15'46"N 10°00'00"E
 37°15'33"N 10°00'00"E

Buoy Y, conical, "X" topmark 37°15'33"N 9°59'10"E
 Buoy Y, conical, "X" topmark 37°15'33"N 9°59'10"E
 Dangerous wreck [K28] 37°10'25"N 9°49'24"E

Depth 9.2 meters 37°12'50"N 9°49'51"E
 Depth 9.8 meters 37°12'48"N 9°49'51"E
 and enclose above depths (2) with blue tint and
 depth contour (10-meter)

Dangerous wreck [K28] 37°12'58"N 9°49'53"E
 (Tun CH 1505, 7505)

52200 8Ed. 3/20/99 LAST NM 35/15 40/15
 Add Wreck [K29] (PA) 37°35.3'N 9°56.1'E
 (1(127)13 Brest)

57143 7Ed. 8/30/08 LAST NM 40/08 40/15
 Change Period of range light, front to 4s 0°21'24.5"N 6°43'33.6"E
 Range light, rear to Fl G 4s 9m 6M 0°21'25.2"N 6°43'31.0"E
 (6(239)13 Lisboa)

71241 11Ed. 12/13/08 LAST NM N51/14 N40/15
 Delete Buoy "Satumu 1" 1°09'26"N 103°44'24"E
 (7(59)15 Singapore)

71247 20Ed. 3/2/13 LAST NM N7/15 N40/15
 Change Designation of beacon "ICT-1" to "MBCC-1" 1°15'46.1"N 103°52'04.8"E
 Legend to "11.5m" 1°15'54.9"N 103°51'36.5"E
 Legend to "11.2m" 1°15'58.1"N 103°51'40.9"E
 (See N43/14-71247)
 (6(49)15 Singapore; 20(2446)15 Taunton)

71252 3Ed. 8/20/11 LAST NM N6/15 N40/15
 Delete Buoy 1°09'26"N 103°44'24"E
 (7(59)15 Singapore)

71253 12Ed. 1/19/13 LAST NM N38/15 N40/15
 Delete Buoy "PKH V11" 1°15'30.7"N 103°46'34.0"E
 (6(51)15 Singapore)

71254 2Ed. 10/6/07 LAST NM N38/15 N40/15
 Delete Buoy "Satumu 1" 1°09'26.4"N 103°44'24.5"E
 (7(59)15 Singapore)

71256 2Ed. 7/28/07 LAST NM N7/15 N40/15
 Add Dangerous wreck [K28] 1°12'00"N 104°18'00"E
 (20(250)15 Jakarta)

71265 4Ed. 3/8/08 LAST NM 8/15 40/15
 Add Dangerous wreck [K28] 1°12.0'N 104°18.0'E
 (20(250)15 Jakarta)

71440 2Ed. 1/18/03 LAST NM 19/15 40/15
 Add Dangerous wreck [K28] 1°12.0'N 104°18.0'E
 (20(250)15 Jakarta)

72231 9Ed. 9/4/10 LAST NM N44/10 N40/15
 Add Pilot station symbol [T1.1] 6°51'12"S 112°45'12"E
 Buoy G, conical, cone topmark, Fl G 5s 6°51'43"S 112°44'34"E
 Buoy G, conical, cone topmark, Fl G 5s 7°00'49"S 112°40'28"E
 Buoy G, conical, cone topmark, Fl G 5s 7°10'42"S 112°40'53"E

(continued on next page)

72231 (Continued)

Buoy R, can, can topmark, Fl R 4s	6°55'06"S	112°43'36"E
Buoy R, can, can topmark, Fl R 4s	6°56'32"S	112°43'05"E
Buoy R, can, can topmark, Fl R 4s	6°58'06"S	112°42'33"E
Buoy R, can, can topmark, Fl R 4s	7°03'57"S	112°39'45"E
Buoy R, can, can topmark, Fl R 4s	7°06'31"S	112°39'38"E
Buoy RGR, can, can topmark, Fl(2) R 4s	6°51'26"S	112°44'51"E
Buoy Y, spherical, "X" topmark, Fl Y 5s [Q130.6]	6°49'04"S	112°48'59"E
Buoy Y, spherical, "X" topmark, Fl Y 5s [Q130.6]	6°49'05"S	112°45'17"E
Buoy Y, spherical, "X" topmark, Fl Y 5s [Q130.6]	6°51'55"S	112°45'17"E
Buoy Y, spherical, "X" topmark, Fl Y 5s [Q130.6]	6°51'55"S	112°47'21"E
Buoy Y, spherical, "X" topmark, Fl Y 5s [Q130.6]	7°05'27"S	112°39'57"E
Buoy Y, spherical, "X" topmark, Fl Y 5s [Q130.6]	7°06'29"S	112°40'08"E
Buoy Y, spherical, "X" topmark, Fl Y 5s [Q130.6]	7°10'29"S	112°41'12"E
Buoy Y, spherical, "X" topmark, Fl Y 5s [Q130.6]	7°10'36"S	112°41'57"E

(19(235), 31(382-391), 32(396-402)15 Jakarta)

72234 3Ed. 8/14/10 LAST NM N42/10 N40/15
Delete Beacon "Karang Pisang" and sector limits

	7°11'10.1"S	112°41'11.3"E
Add Buoy G, conical, cone topmark, Fl G 5s	7°10'42.2"S	112°40'53.0"E
Buoy Y, spherical, "X" topmark, Fl Y 5s [Q130.6]	7°10'29.1"S	112°41'12.3"E
Buoy Y, spherical, "X" topmark, Fl Y 5s [Q130.6]	7°10'36.0"S	112°41'57.0"E

(37(3991)13 Taunton; 19(235), 32(399, 400)15 Jakarta)

91280 8Ed. 3/31/12 LAST NM N31/15 N40/15
(Plan)

Delete Dangerous wreck (Mast)	14°25'50"N	120°29'28"E
Swept depth 4.1 meters Wk	14°26'00"N	120°29'55"E
Swept depth 2.2 meters Wk	14°25'48"N	120°29'49"E
Swept depth 9.4 meters Wk	14°25'39"N	120°29'59"E
Swept depth 7.5 meters Wk	14°25'35"N	120°30'35"E
Swept depth 7.5 meters Obstn	14°25'58"N	120°29'21"E
Swept depth 9.7 meters Obstn	14°25'21"N	120°29'36"E
Swept depth 8.4 meters Obstn	14°25'14"N	120°29'34"E
Depth 22 meters Obstn	14°25'04"N	120°30'11"E
Buoy (mooring)	14°25'37"N	120°29'43"E
Substitute Depth 4.8 meters Obstn for 4.1 meters Obstn	14°24'34"N	120°30'13"E

(10(186)13 Manila)

91292 4Ed. 9/12/98 LAST NM 36/15 40/15

Delete Double solid line with land tint (pier) between	14°31'12.4"N	120°36'30.6"E
	14°31'17.1"N	120°36'53.1"E
Double solid line with land tint (pier) between	14°31'14.0"N	120°36'54.0"E
	14°31'12.3"N	120°36'54.4"E
Dolphin	14°31'11.9"N	120°36'54.4"E
Add Double solid line with land tint (pier extension) [F14] between	14°32'00.8"N	120°36'40.0"E
	14°32'00.8"N	120°36'45.9"E
Double solid line with land tint (pier) [F14] joining	14°31'52.0"N	120°36'24.5"E
	14°31'47.1"N	120°36'30.2"E
	14°31'47.2"N	120°36'45.3"E
Land tint to area bound by shore and solid line [F13] joining	14°31'18.4"N	120°36'30.7"E
	14°31'18.3"N	120°36'34.2"E
	14°31'12.0"N	120°36'34.3"E
	14°31'11.9"N	120°36'30.5"E
and delete all hydrography and topography within above area		

Double solid line with land tint (pier) [F14] between 14°31'18.3"N 120°36'34.2"E
14°31'18.5"N 120°36'52.9"E

Double solid line with land tint (pier) [F14] joining 14°31'18.3"N 120°36'38.2"E
14°31'20.1"N 120°36'40.3"E
14°31'20.1"N 120°36'52.7"E

Double solid line with land tint (pier) [F14] between 14°31'12.0"N 120°36'34.3"E
14°31'12.2"N 120°37'05.9"E

Double solid line with land tint (pier) [F14] joining 14°30'07.3"N 120°36'36.1"E
14°30'05.7"N 120°37'04.7"E
14°29'55.7"N 120°37'05.1"E

Double solid line with land tint (pier) [F14] between 14°28'52.0"N 120°36'36.0"E
14°28'46.9"N 120°36'54.3"E

Double solid line with land tint (pier) [F14] joining 14°28'09.6"N 120°36'13.8"E
14°28'06.4"N 120°36'32.2"E
14°28'12.2"N 120°36'33.3"E

(NTM0029/2015; 12(226)12, 5(100)15 Manila)

91340 4Ed. 11/22/14 LAST NM N8/15 N40/15
Change Line 1 of TRAFFIC SEPARATION SCHEME note to

"The Traffic Separation Scheme(s) on this chart is not adopted by the" 13°53'24"N 122°10'00"E
(NGA)

93006 3Ed. 3/15/08 LAST NM 32/15 40/15
Add Depth 7.3 meters Obstn [K41] 22°13.7'N 114°02.0'E
Depth 13.6 meters, blue tint and enclosing depth contour (20-meter) centered 21°05.0'N 118°02.0'E
(8(230)13 Tianjin; 17(42)15 Hong Kong)93036 12Ed. 2/9/13 LAST NM N30/15 N40/15
Delete Dangerous wreck 22°44.5'N 115°43.5'E
Add Dangerous wreck [K28] 22°46.0'N 116°04.0'E
(8(230)13 Tianjin)93720 11Ed. 7/7/07 LAST NM 32/15 40/15
Add Depth 7.3 meters Obstn [K41] 22°13.7'N 114°02.0'E
Buoy RW, pillar, ball topmark, Iso 4s [Q130.5] 22°07.6'N 114°13.5'E

Purple composite line (anchoring and fishing prohibited area limit) between 22°01.2'N 114°13.4'E
22°00.7'N 114°12.9'E

Purple composite line (anchoring and fishing prohibited area limit) joining 22°00.7'N 114°11.8'E
22°01.2'N 114°11.6'E
22°00.4'N 114°09.1'E
21°59.5'N 114°08.0'E

Purple composite line (anchoring and fishing prohibited area limit) joining 21°59.0'N 114°07.2'E
21°54.8'N 114°03.5'E
21°53.8'N 114°02.2'E
21°55.0'N 114°01.6'E
21°56.0'N 114°01.7'E
22°00.2'N 114°05.5'E
22°00.5'N 114°08.8'E
22°01.5'N 114°11.8'E
22°03.8'N 114°08.5'E
22°05.4'N 114°02.9'E

Purple composite line (anchoring and fishing prohibited area limit) joining 22°06.7'N 114°02.5'E
22°07.4'N 114°03.1'E
22°05.6'N 114°09.5'E
22°02.3'N 114°14.3'E

(21(690)11, 30(1061)15 Tianjin; 17(42)15 Hong Kong; Cna CH 15300)

93721 6Ed. 4/26/08 LAST NM N32/15 N40/15
Add Depth 7.3 meters Obstn [K41] 22°13'41"N 114°02'02"E

Buoy RW, pillar, ball topmark [Q130.5] 22°32'58"N 113°48'10"E
Buoy G, pillar, cone topmark 22°34'05"N 113°48'11"E
Buoy G, pillar, cone topmark 22°35'10"N 113°48'10"E
(16(35), 17(42)15 Hong Kong)

93730 5Ed. 10/20/12 LAST NM N32/15 N40/15
 Delete Dangerous wreck "Rep (2012)" (PA) 22°44.5'N 115°44.1'E
 Substitute Depth 7.3 meters Obstn [K41] for 6.9 meters
 Obstn 22°13.7'N 114°02.0'E
 Add Buoy RW, pillar, ball topmark, Iso W 4s
 [Q130.5] 22°07.6'N 114°13.5'E
 (8(230)13, 30(1061)15 Tianjin; 17(42)15 Hong Kong)

93733 14Ed. 1/19/08 LAST NM N32/15 N40/15
 Add Depth 7.3 meters Obstn [K41] 22°13'41"N 114°02'02"E
 Depth 2.2 meters Wk [K26] 22°14'22"N 114°17'34"E
 Depth 4.3 meters 22°16'20"N 114°03'46"E
 Buoy RW, pillar, ball topmark, Iso 4s [Q130.5]
 22°07'36"N 114°13'32"E

Purple composite-line circle, radius 500 meters,
 with legend "Entry Prohibited", centered on
 buoy 22°06'07"N 114°30'45"E

Purple composite line (anchoring and fishing
 prohibited area limit) between 22°01'13"N 114°13'26"E
 22°00'41"N 114°12'55"E

Purple composite line (anchoring and fishing
 prohibited area limit) joining 22°00'41"N 114°11'48"E
 22°01'13"N 114°11'33"E
 22°00'21"N 114°09'05"E
 22°00'06"N 114°08'52"E
 21°59'32"N 114°08'00"E

Purple composite line (anchoring and fishing
 prohibited area limit) between 21°59'07"N 114°07'20"E
 21°57'30"N 114°05'53"E

Purple composite line (anchoring and fishing
 prohibited area limit) joining 21°57'30"N 114°03'04"E
 22°00'12"N 114°05'30"E
 22°00'30"N 114°08'49"E
 22°01'31"N 114°11'46"E
 22°03'47"N 114°08'30"E
 22°04'40"N 114°06'00"E
 22°05'24"N 114°02'56"E

Purple composite line (anchoring and fishing
 prohibited area limit) joining 22°06'24"N 114°01'48"E
 22°06'30"N 114°01'25"E
 22°06'30"N 114°00'48"E
 22°06'00"N 114°00'03"E
 22°05'48"N 114°00'03"E
 22°05'37"N 113°58'00"E

Purple composite line (anchoring and fishing
 prohibited area limit) joining 22°07'38"N 113°58'00"E
 22°07'54"N 114°02'39"E
 22°07'21"N 114°03'05"E
 22°06'34"N 114°06'39"E
 22°05'34"N 114°09'28"E
 22°02'18"N 114°14'16"E

(1(23), 11(274), 21(690), 31(1088)11, 30(1061)15 Tianjin;
 17(42)15 Hong Kong; Cna CH 15379)

93734 13Ed. 10/20/07 LAST NM N32/15 N40/15
 Add Buoy RW, pillar, ball topmark, Iso 4s
 22°07'36.3"N 114°13'32.2"E
 (30(1061)15 Tianjin)

93736 25Ed. 9/1/07 LAST NM N32/15 N40/15
 Add Entry prohibited area [N2.2] bound by shore
 and purple composite line joining 22°19'05.4"N 114°07'52.8"E
 22°19'02.5"N 114°07'51.2"E
 22°18'59.7"N 114°07'57.7"E
 22°18'48.2"N 114°07'59.5"E
 22°18'45.7"N 114°08'03.9"E
 22°18'49.0"N 114°08'08.8"E
 22°18'50.9"N 114°08'19.6"E
 22°18'52.0"N 114°08'33.2"E
 22°19'15.0"N 114°08'53.5"E
 22°19'19.4"N 114°08'53.0"E
 22°19'25.0"N 114°08'49.8"E
 22°19'27.8"N 114°08'45.2"E
 22°19'26.2"N 114°08'43.6"E

Legend "Green Island Restricted Area
 (see Note)" 22°17'11.7"N 114°06'25.4"E

Note
 "GREEN ISLAND RESTRICTED AREA
 Except with permission granted, no vessel shall
 enter any area within 100 meters from the
 Green Island." 22°22'33.2"N 114°02'34.8"E
 (17(40, 41)15 Hong Kong)

SECTION I

NM 40/15

Chart 11376

NM 40/15

MOBILE BAY AND RIVER CHANNEL DEPTHS							
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF MAY 2015							
CONTROLLING DEPTHS FROM SEAWARD IN FEET 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 (FEET)	LENGTH (MILES)	DEPTH MLLW (FEET)
MOBILE BAR CHANNEL	43.6	47.0	45.0	1-15	600	8.1	47
MOBILE BAY:							
LOWER BAY (TO LIGHT 50)	42.1A	45.0	41.8	4-15	400	13.3	45
UPPER BAY	40.9	44.8	42.8B	5-15	400	15.4	45
UPPER BAY TURNING BASIN	43.1	43.1	43.1	5-15	VARIES	0.4	45
MOBILE RIVER:							
PINTO ISLAND REACH	35.8	39.8	35.7	5-15	700-775	0.8	40-45
MOBILE CHANNEL	37.6	39.2	36.9	5-15	600	1.8	40
MOBILE TURNING BASIN	37.7	37.9	36.0	5-15	740-1000	0.6	40
BLAKELEY ISLAND REACH	38.8C	34.5D	34.4EF	5-15	500-1000	1.4	40
ST. LOUIS POINT REACH	17.9	24.1	23.5G	8-14	500	0.2	25
CHICKASAW CREEK CHANNEL	16.5	22.3	21.6H	8-14	250	3.0	25
ARLINGTON CHANNEL	12.1	12.2	12.5I	10-14	150	1.7	27
GARROWS BEND CHANNEL	5.1	3.7	3.8	12-14	150	1.3	27
OCEAN TERMINAL TURNING BASIN	14.8	15.3	12.3	11-08	600	0.1	27
THEODORE SHIP CHANNEL:							
BAY CUT	38.6	40.0	38.5	11-14	400	5.3	40
ANCHORAGE AREA	39.4	40.8	41.9	11-14	300	0.2	40
LAND CUT	40.0	40.0	40.0	11-14	300	1.7	40
TURNING BASIN	40.0J	39.5K	38.6L	11-14	1400	0.3	40
BARGE CHANNEL	10.3	11.8	11.0	10-14	100	1.3	12

A. EXCEPT FOR SHOALING TO 41.0 FEET IN WIDENER
 B. EXCEPT FOR SHOALING TO 41.2 FEET IN BEND WIDENING AREA.
 C. EXCEPT FOR SHOALING TO 34.0 FEET WITHIN 1,000 FEET OF THE COCHRAN BRIDGE.
 D. EXCEPT FOR SHOALING TO 26.6 FEET WITHIN 1,000 FEET OF THE COCHRAN BRIDGE.
 E. EXCEPT FOR SHOALING TO 25.3 FEET WITHIN 1,000 FEET OF THE COCHRAN BRIDGE.
 F. EXCEPT FOR SHOALING TO 34.4 FEET IN BEND WIDENING AREA.
 G. EXCEPT FOR SHOALING TO 19.3 FEET IN BEND WIDENING AREA.
 H. EXCEPT FOR SHOALING TO 19.7 FEET WITHIN 700 FEET OF THE FAR NORTH END OF PROJECT.
 I. EXCEPT FOR SHOALING TO 12.1 FEET IN NORTHWEST CORNER OF TURNING BASIN.
 J. EXCEPT FOR SHOALING TO 29.7 FEET NEAR DOCK.
 K. EXCEPT FOR SHOALING TO 36.7 FEET WITHIN 50 FEET OF THE END OF PROJECT.
 L. EXCEPT FOR SHOALING TO 32.2 FEET WITHIN 50 FEET OF THE END OF PROJECT.

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 11378 (Side A)

NM 40/15

PENSACOLA HARBOR ENTRANCE CHANNEL								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF MAR 2015 AND SURVEY TO MAR 2015								
CONTROLLING DEPTHS FROM SEAWARD IN FEET 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 (FEET)	LENGTH (MILES)	DEPTH MLLW (FEET)
CAUCUS CHANNEL	26.3	35.0	35.0	27.2	3-15	A500	3.1	A35
BARRANCAS CHANNEL	26.3	32.6	34.6	29.2	3-15	A500	1.7	A35
PICKENS CHANNEL	30.1	41.5	43.2	B42.2	2-12	A500	2.8	A35

A. PROJECT DIMENSIONS OF 44 FEET FOR A WIDTH OF 800 FEET PROVIDED BY THE U.S. NAVY. AUTHORIZED USACE PROJECT IS 35 FEET FOR A WIDTH OF 500 FEET.
 B. EXCEPT FOR A 43 FT 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

SECTION I

NM 40/15

Chart 11378 (Side A)

NM 40/15

PENSACOLA HARBOR AND BAYOU CHICO CHANNELS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF MAR 2015 AND SURVEY OF MAR 2015								
CONTROLLING DEPTHS FROM SEAWARD IN FEET 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 (FEET)	LENGTH (MILES)	DEPTH MLLW (FEET)	
PENSACOLA HARBOR								
BAY CHANNEL	33.0	33.0	32.3	1-15	300	2.7	33	
WEST CHANNEL	26.4	26.1	27.0	5-14	300	1.3	33	
EAST CHANNEL	29.7	33.0	32.1	1-15	300	0.8	33	
HARBOR CHANNEL	26.9	27.5	27.4	1-15	500	0.9	33	
BAYOU CHICO CHANNELS								
ENTRANCE CHANNEL	15.0	15.0	11.5	3-15	100	0.8	15	
INNER CHANNEL	11.5	14.0	13.6	3-15	75	1.1	14	
TURNING BASIN	7.0	10.2	9.1	3-15	500	-	14	

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 11382

NM 40/15

PENSACOLA HARBOR ENTRANCE CHANNEL								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF MAR 2015 AND SURVEY TO MAR 2015								
CONTROLLING DEPTHS FROM SEAWARD IN FEET 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 (FEET)	LENGTH (MILES)	DEPTH MLLW (FEET)
CAUCUS CHANNEL	26.3	35.0	35.0	27.2	3-15	A500	3.1	A35

A. PROJECT DIMENSIONS OF 44 FEET FOR A WIDTH OF 800 FEET PROVIDED BY THE U.S. NAVY. AUTHORIZED USACE PROJECT IS 35 FEET FOR A WIDTH OF 500 FEET.

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 11383

NM 40/15

PENSACOLA HARBOR ENTRANCE CHANNEL								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF MAR 2015 AND SURVEY TO MAR 2015								
CONTROLLING DEPTHS FROM SEAWARD IN FEET 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 (FEET)	LENGTH (MILES)	DEPTH MLLW (FEET)
CAUCUS CHANNEL	26.3	35.0	35.0	27.2	3-15	A500	3.1	A35
BARRANCAS CHANNEL	26.3	32.6	34.6	29.2	3-15	A500	1.7	A35
PICKENS CHANNEL	30.1	41.5	43.2	42.2	2-12	A500	2.8	A35

A. PROJECT DIMENSIONS OF 44 FEET FOR A WIDTH OF 800 FEET PROVIDED BY THE U.S. NAVY. AUTHORIZED USACE PROJECT IS 35 FEET FOR A WIDTH OF 500 FEET.

B. EXCEPT FOR A 43 FT 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

SECTION I

NM 40/15

Chart 11383

NM 40/15

PENSACOLA HARBOR AND BAYOU CHICO CHANNELS							
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF MAR 2015 AND SURVEY OF MAR 2015							
CONTROLLING DEPTHS FROM SEAWARD IN FEET 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 (FEET)	LENGTH (MILES)	DEPTH MLLW (FEET)
PENSACOLA HARBOR							
BAY CHANNEL	33.0	33.0	32.3	1-15	300	2.7	33
WEST CHANNEL	26.4	26.1	27.0	5-14	300	1.3	33
EAST CHANNEL	29.7	33.0	32.1	1-15	300	0.8	33
HARBOR CHANNEL	26.9	27.5	27.4	1-15	500	0.9	33
BAYOU CHICO CHANNELS							
ENTRANCE CHANNEL	15.0	15.0	11.5	3-15	100	0.8	15
INNER CHANNEL	11.5	14.0	13.6	3-15	75	1.1	14
TURNING BASIN	7.0	10.2	9.1	3-15	500	-	14

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 11384

NM 40/15

PENSACOLA HARBOR ENTRANCE CHANNEL								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF MAR 2015 AND SURVEY TO MAR 2015								
CONTROLLING DEPTHS FROM SEAWARD IN FEET 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 (FEET)	LENGTH (MILES)	DEPTH MLLW (FEET)
CAUCUS CHANNEL	26.3	35.0	35.0	27.2	3-15	A500	3.1	A35
BARRANCAS CHANNEL	26.3	32.6	34.6	29.2	3-15	A500	1.7	A35
PICKENS CHANNEL	30.1	41.5	43.2	B42.2	2-12	A500	2.8	A35

A. PROJECT DIMENSIONS OF 44 FEET FOR A WIDTH OF 800 FEET PROVIDED BY THE U.S. NAVY. AUTHORIZED USACE PROJECT IS 35 FEET FOR A WIDTH OF 500 FEET.

B. EXCEPT FOR A 43 FT 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

Chart 18649

NM 40/15

SAN FRANCISCO BAY								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO JUN 2015								
CONTROLLING DEPTHS FROM SEAWARD IN FEET 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 (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
MAIN SHIP CHANNEL: ENTRANCE	53.0	55.0	55.0	54.0	6-15	2000	4.3	55

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 2/15 THROUGH NM 40/15

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;
* indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
93220	7	8,32/15	96036	2	32/15
93224	3	37/15	96039	8	N37/15
93240	12	8,15,32/15	96041	12	N35/15
93261	6	N8/15	96042	12	N33*,N35/15
93360	5	27/15	96043	8	37/15
93385	7	N27/15	96660	4	32/15
93404	7	N27/15	96931	1	N20/15
93480	5	28/15	96932	1	N20/15*
93500	6	28/15	96941	8	20/15**
93503	7	N28/15	96962	4	22/15
93512	8	28/15	97005	9	22/15
93520	13	14,27,29/15	97021	8	23,38/15
93540	5	28,30/15	97026	10	18/15
93560	5	N28,N30/15	97028	2	N21/15*
93580	4	N28,N30/15	97037	1	N21/15*
93600	4	N28,N30/15	97053	1	N20/15*
93620	5	N28/15	97058	2	N18/15*
93626	9	28/15	97062	13	20/15**
93629	7	28/15	97084	3	N22/15*
93650	2	28,30/15	97104	4	7/15**
93680	3	28/15	97158	5	21/15**
93710	4	N35/15	97165	1	21/15
93720	11	6,24,32,40/15	97175	1	N21/15*
93721	6	N3,N7,N24,N27,N32, N40/15	97179	1	N21/15*
93730	5	N8,N24,N32,N40/15	97201	7	21/15**
93733	14	N7,N8,N24,N27,N32, N40/15	97251	4	21/15**
93734	13	N24,N32,N40/15	97292	1	N21/15*
93736	25	N7,N32,N40/15	97319	4	N21/15*
93778	9	N35/15	97321	4	N21/15*
94004	7	6/15	97351	1	N21/15*
94016	3	6,34/15	97370	1	N6,N13,N14,N18, N19/15
94028	8	8,14,34,37/15	97371	1	N13,N19/15
94033	6	33,37/15	97373	1	N6/15
94040	14	6/15	97380	7	8,34/15
94060	12	6/15	97390	6	N8/15
94061	6	34,35/15	97391	27	21/15**
94067	11	6/15	97392	5	34/15
94080	8	6/15	97396	14	8/15
94083	13	N29,N30/15	97460	7	6,18/15
94084	2	N29,N30/15	97461	10	N6,N14/15
94120	7	6/15	97471	6	N6,N8,N10/15
94122	8	N6/15	97472	8	8,14,16,18/15
94127	3	N5/15	97473	8	N18/15
94180	10	34/15	97474	7	18/15
94188	2	34/15	97480	9	6/15
94203	10	34/15	97521	6	21/15
94206	3	34/15	97577	1	N21/15*
94207	5	N34/15	800113	6	N9/15
94216	9	N6,N34/15	800273	2	N9/15
94217	7	N6,N34/15	800669	9	N9/15
94218	6	N6,N34/15	803445	1	N33,N35,N36,N37/15
94219	3	N7/15	803455	1	N9/15
94220	5	34/15	803456	1	N36/15
94322	14	33/15	803458	1	N33,N35,N36/15
94420	4	33,37/15	803468	1	N7,N14,N19/15
94421	11	37/15	803628	1	N11/15
94423	13	N37/15	803738	1	N38/15
94427	2	N38/15	805118	4	N34/15
94440	4	N37/15	805980	4	N9/15
95080	15	N23/15	806902	1	N22/15
95084	8	N21,N23/15	806918	1	N18/15
95085	5	N21,N23/15	806921	1	N38/15
95086	6	N21,N23/15	806928	1	N22/15
95100	13	23/15	806939	1	N22,N37/15
95102	9	N22/15	806947	1	N18/15
95138	9	N22/15	806959	1	N33/15
95140	16	38/15	806979	1	N5,N20/15
95141	9	N22/15	808909	1	N26/15*
95143	12	N22/15	809121	1	N38/15
95149	11	N37/15	809138	1	N21/15
95160	14	22,37/15	809144	1	N4,N14/15
95161	18	N5/15			
95162	3	N35,N36,N37/15			
95164	5	N22/15			
95173	3	N33/15			
95174	2	N33/15			
95176	2	35/15			
95180	13	N33,N35,N36/15			
95185	4	N33,N35,N36,N37/15			
95200	7	N35/15			
95266	2	N21/15*			
95280	10	23,24/15			
95288	1	N21,N22,N23/15			
95289	1	N22,N23/15			
96032	3	16/15			

SECTION II
NGA/DLIS CATALOG CORRECTIONS

NM 40/15

Note: Underlining indicates that column in which a correction has been made or new information added.			Edition		Price Category	NTM
NGA Ref. No. (National Stk. No.)	Title	Scale = 1:	No.	Date		
	REGION 1					
11XHA11314 (7642014010220)	Carlos Bay to Redfish Bay including Copano Bay	40,000	<u>26</u>	<u>7/15</u>	NOS	40/15
	REGION 2					
26XHA26063 (7642014012140)	Punta San Blas to Bahia Concepcion	<u>50,000</u>	<u>6</u>	<u>2/15</u>	A	40/15
	MISCELLANEOUS CHARTS AND PUBLICATIONS					
DNCDXVDU (7644014946812)	Digital Nautical Chart (DNC) - VPF Database Update (VDU)		<u>175</u>	<u>8/15</u>	DS	40/15

Price Categories effective 1 October 2015

A 23.75 D 14.75 E 12.25 F 12.25 G 7.75 H 12.25

CHS Canadian Hydrographic Service
 DS Distribution Limited
 GPO Government Printing Office
 NOS National Ocean Service
 UKHO United Kingdom Hydrographic Office
 DHO Danish Hydrographic Office
 AHS Australian Hydrographic Service
 JCG Japan Coast Guard
 * Not for sale or reproduction outside U.S.A.

Note: New editions cancel former editions. They include corrections published in the Notice to Mariners prior to the effective date of the new editions and/or important corrections from other sources. Mariners are warned against the use of obsolete charts and publications as new editions contain information essential to safe navigation; however, such new editions are not valid until their availability is announced in the weekly Notice to Mariners.

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SECTION II
NAVIGATION PUBLICATIONS

NM 40/15

SAILING DIRECTIONS CORRECTIONS

PUB 172 20 Ed 2014 LAST NM 19/15
Publication Data Update (PDU) #3 for Pub. 172 is available
for download on the NGA Maritime Safety Website
<http://www.msi.nga.mil/NGAPortal/MSI.portal>
(NGA) 40/15

facility, launching ramp and monitors VHF-FM channel
71.
(DB 23152-coast) 40/15

COAST PILOT CORRECTIONS

COAST PILOT 6 45 Ed 2015 13 SEP 2015
LAST NM 33/15

Chapter 5—Paragraphs 179 to 180; read:

⁽¹⁷⁹⁾ A recreational small-craft harbor on Salmon Creek is at Pultneyville, NY. The entrance to the creek is sheltered by a point of land on the west, but is exposed to the north and east. In an emergency, it is a good harbor of refuge to wait out sudden storms. The entrance channel leads between two submerged jetties and is marked by private lighted buoys and ranges. Depths in the harbor are regularly surveyed and dredged when necessary to accommodate yacht club traffic.

⁽¹⁸⁰⁾ <Deleted Paragraph>
(L 1256-2015) 40/15

Chapter 6—Paragraph 741; read:

⁽⁷⁴¹⁾ Put-In-Bay, OH, a harbor on the south side of the bay, is used principally for fruit shipments and excursion business. Ferry service is available to Sandusky, Port Clinton, Kelleys Island and Middle Bass Island. The approach to the harbor is marked by lighted and unlighted buoys. A dredged channel, marked by buoys, leads west along the piers on the south side of the bay.

(DB 23152-coast; NOS 14844) 40/15

Chapter 6—Paragraph 748; read:

⁽⁷⁴⁸⁾ Middle Bass Island is 0.5 mile north of the northeast projection of South Bass Island, and the main body of the island extends north 1.5 miles. From the northeast end of the island, a narrow peninsula extends 1.4 miles east-northeast. A shoal with rocks awash extends 0.75 mile from the end of the peninsula and is marked by a lighted bell buoy. Sugar Island is connected to the northwest corner of Middle Bass Island by a rocky ledge covered 1 foot. A 10-foot spot is about 0.5 mile northeast of Sugar Island. The east, south, and west sides of Middle Bass Island have deep water within 0.3 mile. Middle Bass Island State Park Marina is on the east side of the island near the south end. The marina provides transient berths, electricity, water, ice, pump-out

SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME I ATLANTIC COAST, 2015

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
620 15610	Gay Head Light	41-20-53.99N 70-50-04.24W	Al W R 15s 0.2s W fl 7.3s ec. 0.2s R fl 7.3s ec.	175	W 24 R 20	Red brick tower. 51	Obscured from 342° to 359° by Nomans Land; light occasionally visible through notches in hilltop. Emergency light (Fl W 6s) of reduced intensity when main light is extinguished. Lighted throughout 24 hours.
				*			40/15
4431	Kelly's Cove Aquaculture Buoy C						<i>Remove from list.</i>
							* 40/15
4434	<i>Kelly's Cove Aquaculture Lighted Buoy F</i>						<i>Remove from list.</i>
							* 40/15
6716	Rheubins Ledge Buoy 1	43-45-00.00N 69-59-21.00W				Green can.	Maintained from May 1 to Nov. 1. Private aid.
							* 40/15
*6717	<i>Rheubins Ledge Lighted Buoy 2</i>	43-44-58.14N 69-59-22.14W	Fl R 6s			Red.	Maintained from May 1 to Nov. 1. Private aid.
							40/15
8248	- Daybeacon 4						<i>Remove from list.</i>
							* 40/15
13026	Pilgrim Power Plant Security Zone Buoy A	41-57-02.70N 70-34-51.84W				White can with orange bands marked RESTRICTED AREA.	Private aid.
		*					40/15
14455	Parkers River Buoy 1						<i>Remove from list.</i>
							* 40/15
14460	Parkers River Buoy 2	41-37-42.10N 70-12-57.50W				Red nun.	Maintained from Apr. 1 to Nov. 1. Private aid.
							40/15
14461	Parkers River Buoy 3	41-39-45.10N 70-13-00.50W				Green can.	Private aid.
		*					40/15
14462	Parkers River Buoy 4	41-37-54.30N 70-13-04.80W				Red nun.	Private aid.
		*					40/15
14463	Parkers River Buoy 5	41-37-56.90N 70-13-08.00W				Green can.	Private aid.
		*					40/15
14464	Parkers River Buoy 6	41-38-02.10N 70-13-08.30W				Red nun.	Private aid.
		*					40/15
15610 620	Gay Head Light	41-20-53.99N 70-50-04.24W	Al W R 15s 0.2s W fl 7.3s ec. 0.2s R fl 7.3s ec.	175	W 24 R 20	Red brick tower. 51	Obscured from 342° to 359° by Nomans Land; light occasionally visible through notches in hilltop. Emergency light (Fl W 6s) of reduced intensity when main is extinguished. Lighted throughout 24 hours.
				*			40/15
17045.1	- Lighted Buoy SE	41-36-38.70N 70-48-10.70W	Q Y			Yellow.	Private aid.
		*					40/15

Note: Asterisks (*) indicate that column(s) in which a correction has been made or new information added. Denotes a new entry when preceding the station number.

SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME I ATLANTIC COAST, 2015

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
17045.2	- Buoy NE	41-36-51.40N 70-48-38.20W *				Yellow can.	Private aid. 40/15
17045.4	- Buoy NW	41-36-34.00N 70-48-50.70W *				Yellow can.	Private aid. 40/15
17546	- Boat Ramp Entrance Buoy 2	41-30-56.70N 71-04-07.50W *				Red nun.	Private aid. 40/15
17547	- Boat Ramp Entrance Buoy 3	41-30-54.20N 71-04-05.10W *				Green can.	Private aid. 40/15
17548	- Boat Ramp Entrance Buoy 4	41-30-55.90N 71-04-08.80W *				Red nun.	Private aid. 40/15
17550	- Channel Buoy 1	41-30-59.40N 71-05-32.64W *				Green can.	Private aid. 40/15
17550.1	- Channel Buoy 2	41-31-00.00N 71-05-32.16W *				Red nun.	Private aid. 40/15
17550.2	- Channel Buoy 3	41-30-59.22N 71-05-37.92W *				Green can.	Private aid. 40/15
17550.3	- Channel Buoy 4	41-31-00.06N 71-05-37.26W *				Red nun.	Private aid. 40/15
17550.5	- Channel Buoy 6	41-31-07.20N 71-05-37.20W *				Red nun.	Private aid. 40/15
17550.6	- Channel Buoy 7	41-31-16.00N 71-05-38.10W *				Green can.	Private aid. 40/15
17550.7	- Channel Buoy 8	41-31-19.68N 71-05-35.76W *				Red nun.	Private aid. 40/15
17550.8	- Channel Buoy 9	41-31-27.66N 71-05-42.84W *				Green can.	Private aid. 40/15
17551	- Channel Buoy 11	41-31-25.88N 71-05-50.28W *				Green can.	Private aid. 40/15
17551.1	- Channel Buoy 12	41-31-45.36N 71-06-02.70W *				Red nun.	Private aid. 40/15
17551.18	- Channel Buoy 34A	41-31-10.10N 71-03-57.50W *				Red nun.	Private aid. 40/15
17551.2	- Channel Buoy 34B	41-31-24.70N 71-03-49.80W *				Red nun.	Private aid. 40/15
17551.3	- Channel Buoy 35	41-31-33.40N 71-03-43.50W *				Green can.	Private aid. 40/15

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SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME I ATLANTIC COAST, 2015

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
17551.4	- Channel Buoy 36	41-31-39.30N 71-03-39.90W *				Red nun.	Private aid. 40/15
17551.5	- Channel Buoy 38	41-31-51.00N 71-03-47.90W *				Red nun.	Private aid. 40/15
17551.6	- Channel Buoy 39	41-31-55.80N 71-03-47.30W *				Green can.	Private aid. 40/15
17551.7	- Channel Buoy 40	41-32-01.20N 71-03-39.10W *				Red nun.	Private aid. 40/15
17551.9	- Channel Buoy 42	41-32-06.20N 71-03-31.90W *				Red nun.	Private aid. 40/15
17552.1	- Channel Buoy 44	41-32-12.90N 71-03-25.60W *				Red nun.	Private aid. 40/15
17552.2	- Channel Buoy 45	41-32-18.20N 71-03-33.10W *				Green can.	Private aid. 40/15
17552.3	- Channel Buoy 46	41-32-25.30N 71-03-35.30W *				Red nun.	Private aid. 40/15
17552.5	- Channel Buoy 48	41-32-35.50N 71-03-35.40W *				Red nun.	Private aid. 40/15
17552.6	- Channel Buoy 49	41-32-44.00N 71-03-33.10W *				Green can.	Private aid. 40/15
17552.7	- Channel Buoy 50	41-32-44.50N 71-03-27.80W *				Red nun.	Private aid. 40/15
17552.9	- Channel Buoy 52	41-32-44.60N 71-03-23.30W *				Red nun.	Private aid. 40/15
17553	- Channel Buoy 53	41-32-45.50N 71-03-17.80W *				Green can.	Private aid. 40/15
17553.1	- Channel Buoy 54	41-32-37.60N 71-03-13.00W *				Red nun.	Private aid. 40/15
17553.2	- Channel Buoy 55	41-32-37.50N 71-03-09.50W *				Green can.	Private aid. 40/15
17553.3	- Channel Buoy 56	41-32-44.40N 71-03-06.00W *				Red nun.	Private aid. 40/15
17553.4	- Channel Buoy 58	41-32-54.00N 71-03-08.00W *				Red nun.	Private aid. 40/15
17553.5	- Channel Buoy 59	41-32-59.50N 71-03-11.80W *				Green can.	Private aid. 40/15

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SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME I ATLANTIC COAST, 2015

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
17553.6	- Channel Buoy 61	41-33-07.90N 71-03-18.40W *				Green can.	Private aid. 40/15
17553.65	- Channel Buoy 62	41-33-17.10N 71-03-32.10W *				Red nun.	Private aid. 40/15
17553.7	- Channel Buoy 64	41-33-16.60N 71-03-32.10W *				Red nun.	Private aid. 40/15
17553.8	- Channel Buoy 65	41-33-15.30N 71-03-40.90W *				Green can.	Private aid. 40/15
17553.9	- Channel Buoy 67	41-33-17.20N 71-03-47.00W *				Green can.	Private aid. 40/15
17554	- Channel Buoy 69	41-33-20.20N 71-03-54.40W *				Green can.	Private aid. 40/15
17554.1	- Channel Buoy 71	41-33-26.60N 71-04-01.40W *				Green can.	Private aid. 40/15
17554.2	- Channel Buoy 73	41-33-31.70N 71-04-10.50W *				Green can.	Private aid. 40/15
17554.3	- Channel Buoy 75	41-33-36.50N 71-04-15.90W *				Green can.	Private aid. 40/15
17554.4	- Channel Buoy 77	41-33-42.70N 71-04-24.10W *				Green can.	Private aid. 40/15
17554.5	- Channel Buoy 78	41-33-52.40N 71-04-22.40W *				Red nun.	Private aid. 40/15
17554.6	- Channel Buoy 80	41-34-00.00N 71-04-20.20W *				Red nun.	Private aid. 40/15
28955	- Entrance Buoy 1	40-55-41.40N 72-36-48.00W *				Green can.	Private aid. 40/15
28965	- Entrance Buoy 3	40-55-41.88N 72-36-51.24W *				Green can.	Private aid. 40/15

CORRECTIONS TO C. G. LIGHT LIST, VOLUME II ATLANTIC COAST, 2015

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
8265	- <i>Lighted Buoy 9</i>	39-13-48.11N 76-32-37.71W *	FI G 4s		6	Green.	Replaced by can when endangered by ice. 40/15
*8267	- <i>Lighted Buoy 10</i>	39-14-03.98N 76-32-40.98W	FI R 2.5s		6	Red.	Replaced by nun when endangered by ice. 40/15

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SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME II ATLANTIC COAST, 2015

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
8270	- Lighted Buoy 10A	39-14-16.37N 76-32-53.87W	FI R 4s		6	Red.	Replaced by nun when endangered by ice.
	*						40/15
11897	- Channel Lighted Buoy 27A	37-10-24.29N 76-37-53.93W	Q G		4	Green.	
	*		*		*	*	40/15
11904	- Channel Lighted Buoy 29A	37-11-06.39N 76-38-00.75W	Q G		4	Green.	
	*		*		*	*	40/15
12625	- LIGHT 127	37-20-26.00N 77-16-13.73W	FI G 2.5s	15	5	SG on pile.	
						*	40/15
*13885	- CHANNEL LIGHT 10	37-20-04.98N 76-36-01.35W	FI R 2.5s	15	4	TR on pile.	
							40/15
13915	- LIGHT 11						Remove from list.
							*
							40/15
13940	- LIGHT 17						Remove from list.
							*
							40/15
14625	- East Daybeacon 16						Remove from list.
							*
							40/15
14845	- Channel Daybeacon 6						Remove from list.
							*
							40/15
15355	- Channel Daybeacon 4	37-43-51.55N 76-37-07.54W				TR on multi-pile structure.	
	*		*	*	*		40/15
15385	Mulberry Creek Entrance Warning Daybeacon						Remove from list.
							*
							40/15
15460	- Daybeacon 2A						Remove from list.
							*
							40/15
16030	NORTH POINT LIGHT 1N	37-39-14.71N 76-17-59.10W	FI G 4s	15	4	TR on pile.	
	*		*		*	*	40/15
17110	- Daybeacon 11	38-16-45.81N 76-37-48.14W				SG on pile.	
	*		*	*	*		40/15
17415	- CHANNEL LIGHT 7	38-16-15.72N 76-51-50.67W	FI G 4s	15	3	SG on pile.	
						*	40/15
19395	- CHANNEL LIGHT 1R	38-45-55.85N 76-33-08.99W	FI G 4s	15	4	SG on pile.	
	*						40/15
21065	- Lighted Buoy 7A	39-15-04.90N 76-32-45.10W	FI G 4s		4	Green.	
	*						40/15
21215	- Lighted Buoy 3	39-15-16.24N 76-35-06.43W	FI G 4s		5	Green.	
	*						40/15
23365	- Channel Daybeacon 3	38-01-50.96N 75-50-36.10W				SG on pile.	
	*		*	*	*		40/15

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SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME II ATLANTIC COAST, 2015

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
23415	- CHANNEL LIGHT 5	38-07-21.08N 75-50-59.62W	FI G 2.5s	15	4	SG on pile.	
					*		40/15
24375	- ENTRANCE LIGHT 2FB	38-13-33.59N 75-59-19.35W	FI R 4s	15	4	TR on pile.	
	*						40/15
24730	- LIGHT 9	38-32-07.69N 76-13-56.85W	FI G 4s	15	4	SG on pile.	
					*	*	40/15
27875	- LIGHT 10	39-33-40.84N 75-58-18.98W	FI R 4s	15	4	TR on pile.	
					*		40/15
28030	- Buoy 14A	35-46-22.44N 75-32-02.20W				Red nun.	
	*						40/15
28360	- LIGHT 13	35-47-42.22N 75-32-57.71W	Q G	16	4	SG on pile.	
	*						40/15
28850	- LIGHT 39	35-16-13.99N 75-43-57.67W	FI G 2.5s	15	4	SG on multi-pile structure.	
					*		40/15
29372	- Channel Lighted Buoy 13	34-40-36.35N 76-40-10.99W	FI G 2.5s		4	Green.	
	*						40/15
29387	- Channel Lighted Buoy 16	34-41-18.38N 76-40-00.41W	FI R 2.5s		4	Red.	
	*						40/15
31690	- CHANNEL LIGHT 6	35-56-43.81N 76-41-34.73W	Q R	15	4	TR on pile.	
					*		40/15
37350	- LIGHT 32	36-38-35.14N 76-03-34.11W	FI R 2.5s	15	4	TR-TY on pile.	
					*		40/15
37925	- LIGHT 37	35-40-25.75N 76-01-47.65W	Q G	15	4	SG-SY on pile.	
					*		40/15

CORRECTIONS TO C. G. LIGHT LIST, VOLUME III ATLANTIC AND GULF COAST, 2015

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
4683	- Lighted Buoy 2	32-03-52.48N 80-49-44.65W	Q R		4	Red.	
	*						40/15
5595	- Lighted Buoy 8	31-53-24.52N 80-53-30.28W	FI R 2.5s		5	Red.	
					*		40/15
7960	MASONS CREEK LIGHT 38	29-44-08.30N 81-33-20.20W	FI R 4s	16	5	TR on dolphin.	
					*		40/15
7980	FORRESTER POINT LIGHT 41	29-42-36.18N 81-37-02.40W	FI G 4s	12	5	SG on dolphin.	
					*		40/15

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CORRECTIONS TO C. G. LIGHT LIST, VOLUME III ATLANTIC AND GULF COAST, 2015							
(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
8020	FORRESTER POINT LIGHT 42A	29-41-44.68N 81-38-14.18W	FI R 2.5s	16	5	TR on dolphin.	
					*		40/15
8210	- LIGHT 4	29-38-01.92N 81-36-50.40W	FI R 4s	16	5	TR on pile.	
					*		40/15
9680	- LIGHT 5	28-24-56.85N 80-35-51.91W	FI G 4s	12	5	SG on pile.	
					*		40/15
21620	- CHANNEL LIGHT 7	27-19-40.89N 82-35-17.54W	FI G 4s	16	5	SG on pile.	
					*		40/15
26530	- LIGHT 4	28-17-06.94N 82-45-34.46W	FI R 4s	16	5	TR on pile.	
					*		40/15
35205	- LIGHT 184	32-30-41.90N 80-30-06.94W	FI R 4s	12	5	TR-TY on dolphin.	
		*					40/15
36620	- LIGHT 135	31-34-37.10N 81-11-17.80W	FI G 4s	16	5	SG-SY on pile.	
		*					40/15
43790	- LIGHT 82	27-45-30.62N 80-24-49.08W	FI R 4s	12	4	TR-TY on pile.	
					*		40/15
43960	- LIGHT 121	27-41-47.58N 80-23-18.78W	FI G 4s	16	5	SG-SY on dolphin.	
					*		40/15
46215	- Daybeacon 57	26-57-53.33N 80-04-51.90W				SG-SY on pile.	
		*					40/15
	*Add Heading: Island E Channel						
*49055	- Daybeacon 1	25-43-24.38N 80-14-21.81W				SG on pile.	Private aid.
							40/15
*49055.1	- Daybeacon 2	25-43-23.70N 80-14-20.62W				TR on pile.	Private aid.
							40/15
*49055.2	- Daybeacon 3	25-43-22.31N 80-14-23.28W				SG on pile.	Private aid.
							40/15
*49055.3	- Daybeacon 4	25-43-22.31N 80-14-22.19W				TR on pile.	Private aid.
							40/15
*49055.4	- Daybeacon 5	25-43-21.97N 80-14-24.05W				SG on pile.	Private aid.
							40/15
*49055.5	- Daybeacon 6	25-43-20.89N 80-14-23.04W				TR on pile.	Private aid.
							40/15
*49055.6	- Daybeacon 7	25-43-20.65N 80-14-24.84W				SG on pile.	Private aid.
							40/15
*49055.7	- Daybeacon 8	25-43-19.59N 80-14-23.81W				TR on pile.	Private aid.
							40/15

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SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME III ATLANTIC AND GULF COAST, 2015

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
*49055.8	- Daybeacon 9	25-43-19.41N 80-14-25.62W				SG on pile.	Private aid. 40/15
*49055.9	- Daybeacon 10	25-43-18.48N 80-14-24.50W				TR on pile.	Private aid. 40/15
*49056	- Daybeacon 12	25-43-18.22N 80-14-26.01W				TR on pile.	Private aid. 40/15
*49056.1	- Daybeacon 13	25-43-19.28N 80-14-27.71W				SG on pile.	Private aid. 40/15
*49056.2	- Daybeacon 14	25-43-17.80N 80-14-27.60W				TR on pile.	Private aid. 40/15
*49056.3	- Daybeacon 15	25-43-18.51N 80-14-28.70W				SG on pile.	Private aid. 40/15
*49056.4	- Daybeacon 16	25-43-18.51N 80-14-29.37W				TR on pile.	Private aid. 40/15
*49056.5	- Daybeacon 18	25-43-22.14N 80-14-27.78W				TR on pile.	Private aid. 40/15
61865	- LIGHT 4	28-00-33.18N 82-47-56.47W	FI R 4s	12	5	TR-TY on pile.	 40/15
					*		40/15

CORRECTIONS TO C. G. LIGHT LIST, VOLUME IV GULF OF MEXICO, 2015

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
4664	- Buoy C	30-23-31.84N 86-31-29.64W				White with orange bands.	Marks restricted access area. 40/15
		*					
4667	- Buoy B	30-23-31.01N 86-31-29.94W				White with orange bands.	Marks restricted access area. 40/15
		*					
7830	<i>Petit Bois Pass Lighted Wreck Buoy WR2</i>						<i>Remove from list.</i> *
*14547	NORANDA ALUMINA DOWNSTREAM DOLPHIN LIGHT	30-03-08.24N 90-39-49.95W	FI R 2.5s			Marks downstream mooring dolphin.	Private aid. 40/15
*14547.01	NORANDA ALUMINA UPSTREAM DOLPHIN LIGHT	30-03-07.12N 90-39-53.11W	FI R 2.5s			Marks upstream mooring dolphin.	Private aid. 40/15
*14547.02	<i>Noranda Alumina Downstream Lighted Mooring Buoy</i>	30-03-07.73N 90-39-57.17W	Q W			White with blue band.	Private aid. 40/15
*14547.03	<i>Noranda Alumina Middle Lighted Mooring Buoy</i>	30-03-07.36N 90-39-58.22W	Q W			White with blue band.	Private aid. 40/15
*14547.04	<i>Noranda Alumina Upstream Lighted Mooring Buoy</i>	30-03-06.99N 90-39-59.28W	Q W			White with blue band.	Private aid. 40/15

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CORRECTIONS TO C. G. LIGHT LIST, VOLUME IV GULF OF MEXICO, 2015

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
27510	- D RANGE FRONT LIGHT	28-35-46.23N 96-34-02.46W *	Q G	25		KRW on skeleton tower on piles.	Visible 2° each side of range line. 40/15

CORRECTIONS TO C. G. LIGHT LIST, VOLUME VI PACIFIC COAST AND PACIFIC ISLANDS, 2015

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
8670	ROGUE RIVER REGULATED NAVIGATION AREA WARNING SIGN (2)	42-25-35.76N 124-25-29.02W	Q Y			NW worded ROUGH BAR.	Lights flashing when bar is restricted to recreational and uninspected passenger vessels. Contact the nearest US Coast Guard unit for further information. Maintained during the seasonal operation of the USCG Search and Rescue Detachment. * 40/15
8705	COQUILLE RIVER REGULATED NAVIGATION AREA WARNING SIGN (2)	43-07-14.83N 124-25-02.83W	Q Y	29		NW worded ROUGH BAR.	Lights flashing when bar is restricted to recreational and uninspected passenger vessels. Contact the nearest US Coast Guard unit for further information. Maintained during the seasonal operation of the USCG Search and Rescue Detachment. Oct. 1. * 40/15
16815	<i>Puget Sound Traffic Lane Separation Lighted Buoy SG</i>	47-39-41.09N 122-27-52.25W	FI Y 2.5s		5	Yellow.	RACON: N (- •). * 40/15
17296	WYCKOFF SHOAL LIGHT 3	47-14-19.64N 122-42-57.60W *	FI G 4s	15	4	SG on pile.	40/15
17350	NISQUALLY FLATS LIGHT 1	47-06-41.38N 122-41-52.92W *	FI G 2.5s	15	4	SG on pile.	40/15
17465	- LIGHT 2 40 feet outside channel limit.	47-03-42.66N 122-53-58.39W *	FI R 2.5s	28	3	TR on pile.	40/15

CORRECTIONS TO C. G. LIGHT LIST, VOLUME VII GREAT LAKES, 2015

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
5	- <i>Lighted Buoy 1</i>	45-00-13.84N 74-40-05.67W *	FI G 4s			Green.	Spar; winter marker. Aid maintained by SLSDC. 40/15
15	- <i>Lighted Buoy 3</i>	44-59-57.58N 74-40-28.26W *	Q G			Green.	Spar; winter marker. Aid maintained by SLSDC. 40/15
25	- <i>Lighted Buoy 5</i>	44-59-53.70N 74-40-58.40W *	FI G 4s			Green.	Spar; winter marker. Aid maintained by SLSDC. 40/15
30	- <i>Lighted Buoy 5A</i>	44-59-56.10N 74-41-21.80W *	FI G 4s			Green.	Winter marker. Aid maintained by SLSDC. 40/15

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SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME VII GREAT LAKES, 2015

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
35	- Lighted Buoy 5B	44-59-58.40N 74-41-44.70W *	FI G 4s			Green.	Aid maintained by SLSDC. 40/15
155	- Lighted Buoy 26	44-59-10.59N 74-47-35.65W *	FI R 4s				Aid maintained by SLSDC. 40/15
295	- Lighted Buoy 48A	44-57-56.70N 74-56-12.10W *	FI R 4s			Red.	Winter marker. Aid maintained by SLSDC. 40/15
370	- Lighted Buoy 63	44-56-22.10N 75-01-55.80W *	FI G 4s			Green.	Aid maintained by SLSDC. 40/15
900	- Lighted Buoy 129	44-44-49.00N 75-25-52.80W *	Q G			Green.	Spar; winter marker. Aid maintained by SLSDC. 40/15
905	- Lighted Buoy 128	44-44-47.20N 75-26-12.00W *	FI R 4s			Red.	Spar; winter marker. Aid maintained by SLSDC. 40/15
970	- Lighted Buoy 133	44-42-18.60N 75-30-15.80W *	FI G 4s			Green.	Spar; winter marker. Aid maintained by SLSDC. 40/15
985	- East Entrance Lighted Buoy 2	44-42-33.20N 75-29-13.50W *	FI R 4s		4	Red.	Maintained from Apr. 1 to Dec. 15. Aid maintained by SLSDC. 40/15
990	- East Entrance Lighted Buoy 4	44-42-22.50N 75-29-20.60W *	FI R 4s		4	Red.	Maintained from Apr. 1 to Dec. 15. Aid maintained by SLSDC. 40/15
1170	- Lighted Buoy 153	44-30-37.40N 75-46-08.20W *	Q G			Green.	RACON: M(- -). Spar; winter marker. Aid maintained by SLSDC. 40/15
1185	- Lighted Buoy 157	44-30-18.90N 75-46-14.40W *	FI G 4s			Green.	Winter marker. Aid maintained by SLSDC. 40/15
1190	- Lighted Buoy 159	44-29-48.90N 75-46-24.50W *	FI G 4s			Green.	Winter marker. Aid maintained by SLSDC. 40/15
1215	- Lighted Buoy 163A	44-28-22.60N 75-47-05.80W *	FI G 4s			Green.	Aid maintained by SLSDC. 40/15
1395	- Lighted Buoy 202	44-19-22.60N 75-56-38.60W *	Iso R 3s			Red.	Aid maintained by SLSDC. 40/15
1495	- Lighted Buoy 217A	44-15-36.00N 76-03-51.90W *	Q G			Green.	Aid maintained by SLSDC. 40/15
1520	Clayton Shoal Lighted Buoy 1	44-14-44.20N 76-05-00.90W *	FI G 4s		4	Green.	Maintained from Apr. 1 to Dec. 15. Aid maintained by SLSDC. 40/15
1720	- Lighted Buoy 243	44-07-45.60N 76-20-40.40W *	FI G 4s			Green.	Aid maintained by SLSDC. 40/15

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SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME VII GREAT LAKES, 2015

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
1725	- Lighted Buoy 244 Marks shoal.	44-07-12.50N 76-22-39.40W *	FI R 4s			Red.	Aid maintained by SLSDC. 40/15
1745	Tibbetts Point Traffic Lighted Buoy	44-06-02.70N 76-24-20.40W *	Mo (A) W			Red and white stripes.	Aid maintained by SLSDC. 40/15
1750	- Lighted Buoy 245	44-05-45.40N 76-23-18.80W *	FI G 4s			Green.	Aid maintained by SLSDC. 40/15
1755	Allan Otty Shoal Lighted Buoy 2 Marks southeast side of shoal.	44-03-49.60N 76-27-01.10W *	FI R 4s			Red.	Aid maintained by SLSDC. 40/15
1765	East Charity Shoal Traffic Lighted Buoy	44-01-32.20N 76-27-16.30W *	Mo (A) W			Red and white stripes.	Aid maintained by SLSDC. 40/15
9735	RUSSELL ISLAND LIGHT 33	42-36-48.67N 82-31-17.73W *	FI G 2.5s *	26 8	7	SG on post. *	40/15
21765	Jackson Harbor Buoy 1	45-24-11.99N 86-50-53.48W *				Green can.	* 40/15
21766	Jackson Harbor Buoy 2	45-24-12.96N 86-50-54.96W *				Red nun.	* 40/15

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SECTION II

CORRECTIONS TO PUB 110, LIST OF LIGHTS, 2015 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
457 L 5891	-Tipitoog Kangilleq, W. Range, front.						Remove from list. *
							40/15
457.1 L 5891.1	--Rear, 240 meters 094° from front.						Remove from list. *
							40/15
458 L 5891.4	-N. Range, front.						Remove from list. *
							40/15
458.1 L 5891.41	--Rear, 328 meters 191° from front.						Remove from list. *
							40/15

CORRECTIONS TO PUB 112, LIST OF LIGHTS, 2014 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
23628 K 1168	-Pisang.						Remove from list. *
							40/15

CORRECTIONS TO PUB 113, LIST OF LIGHTS, 2015 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
17060 N 4896	-Hoskoy.	40° 42.2' N 27° 18.3' E	Fl.(2)W. period 10s fl. 0.5s, ec. 2s fl. 0.5s, ec. 7s	164 50	19	White metal tower, dwelling; 72.	AIS (MMSI No 992711086).
*		*				*	40/15
17068 N 4897	-Orencik, Venedik Tasi.	40° 57.7' N 27° 53.8' E	Fl.W. period 6s fl. 1s, ec. 5s	30 9	10	White tower, concrete base; 16.	AIS (MMSI No 992711101).
*						*	40/15
17072 N 4898	-Marmaraeregisi.	40° 58.0' N 27° 57.7' E	Fl.W. period 10s fl. 0.4s, ec. 9.6s	171 52	16	White metal tower, dwelling; 85.	AIS (MMSI No 992711100).
*						*	40/15
17076 N 4899	--On shoal spit, about 0.65 km. 034° from Marmaraeregisi.	40° 58.4' N 27° 57.9' E	Q.(3)W. period 10s	30 9	8	E. CARDINAL BYB, beacon, topmark; 20.	AIS (MMSI No 992711102).
*		*	*				40/15
17080 N 4899.3	-Silivri, center breakwater.	41° 04.4' N 28° 14.3' E	Fl.G. period 5s fl. 1s, ec. 4s	20 6	5	White concrete tower; 16.	AIS (MMSI No 992711045).
*		*				*	40/15

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SECTION II

CORRECTIONS TO PUB 113, LIST OF LIGHTS, 2015 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
17081 N 4899.4	-Auxiliary breakwater.	41° 04.4' N 28° 14.4' E	Fl.R. period 5s fl. 1s, ec. 4s	20 6	5	White concrete tower; 16.	AIS (MMSI No 992711046).
*		*	*			*	* 40/15
17092 N 4899.6	-Buyukcekmece Koyu, Degirmen Burnu.	40° 57.6' N 28° 37.3' E	Fl.W. period 5s fl. 0.5s, ec. 4.5s	65 20	10	White concrete tower; 26.	AIS (MMSI No 992711044).
*		*					* 40/15
17108 N 4903.4	-Kumkapi Barinak, pier, head.	41° 00.1' N 28° 57.9' E	Fl.R. period 3s fl. 0.3s, ec. 2.7s	33 10	16	White concrete tower; 30.	AIS (MMSI No 992711039).
*	*	*	*		*		* 40/15
17110 N 4880.3	-Adasi, breakwater, head.	40° 27.3' N 27° 08.4' E	Fl.(2)R. period 4s fl. 0.5s, ec. 1s fl. 0.5s, ec. 2s	30 9	7	Metal column; 33.	
*			*	*	*		40/15
17112 N 4880.6	-Ince Burun, W. entrance point.	40° 28.5' N 27° 17.1' E	Fl.(2)W. period 10s fl. 0.5s, ec. 2s fl. 0.5s, ec. 7s	177 54	10	White concrete tower; 39.	AIS (MMSI No 992711105).
*							* 40/15
17116 N 4881.6	-Tavsan Adasi.	40° 22.6' N 27° 47.3' E	Fl.W. period 10s fl. 1s, ec. 9s	181 55	12	White metal framework tower; 19.	AIS (MMSI No 992711088).
*							* 40/15
17128 N 4881.71	-SW. pier, head.	40° 23.2' N 27° 48.3' E	F.R.				AIS (MMSI No 992711094).
*							* 40/15
17132 N 4881	-Kale Burnu.	40° 24.7' N 27° 20.0' E	Fl.W. period 5s fl. 0.5s, ec. 4.5s	75 23	8	White metal framework tower; 26.	AIS (MMSI No 992711106).
*		*					* 40/15
17134 N 4881.3	-Karabiga, N. breakwater, head.	40° 24.2' N 27° 18.5' E	Fl.G. period 5s fl. 1s, ec. 4s	23 7	5	White concrete tower; 10.	AIS (MMSI No 992711107).
*		*					* 40/15
17135.5 N 4881.5	-S. breakwater, head.	40° 24.0' N 27° 18.3' E	Fl.R. period 5s fl. 1s, ec. 4s	23 7	5	White concrete tower; 10.	AIS (MMSI No 992711108).
*							* 40/15
17144 N 4892.4	-Domuz Burnu.	40° 40.0' N 27° 38.0' E	Fl.W. period 10s fl. 1s, ec. 9s	82 25	9	White metal framework tower; 13.	AIS (MMSI No 992711083).
*		*					* 40/15

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SECTION II

CORRECTIONS TO PUB 113, LIST OF LIGHTS, 2015 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
17148 N 4892.6	--Saraylar, shelter mole, head.	40° 39.4' N 27° 39.7' E	Fl.G. period 3s fl. 0.3s, ec. 2.7s	36 11	10	White metal tower; 30.	AIS (MMSI No 992711079).
*		*					* 40/15
17152 N 4892	--Asmalı (Fener Adası).	40° 38.0' N 27° 45.5' E	Fl.(3)W. period 15s fl. 0.5s, ec. 2s fl. 0.5s, ec. 2s fl. 0.5s, ec. 9.5s	131 40	12	White metal framework tower, dwelling; 29.	AIS (MMSI No 992711089).
*		*				*	* 40/15
17153 N 4892.8	--Marmara, breakwater, head.	40° 35.0' N 27° 33.6' E	Fl.R. period 3s fl. 1s, ec. 2s	33 10	8	White concrete tower; 26.	AIS (MMSI No 992711080).
*							* 40/15
17153.5 N 4892.9	--Mole, head.	40° 35.0' N 27° 33.7' E	Fl.G. period 3s fl. 1s, ec. 2s	33 10	8	White metal mast; 26.	AIS (MMSI No 992711081).
*						*	* 40/15
17156 N 4893	--Ada Burnu.	40° 34.5' N 27° 34.5' E	Fl.(2)W. period 10s fl. 0.5s, ec. 2s fl. 0.5s, ec. 7s	49 15	5	White metal tower; 20.	AIS (MMSI No 992711082).
*		*					* 40/15
17160 N 4882	--Ekinlik, Avsar Adası, off W. side.	40° 30.8' N 27° 28.7' E	Fl.W. period 5s fl. 1s, ec. 4s	60 18	8	White metal tower; 33.	AIS (MMSI No 992711084).
*						*	* 40/15
17164 N 4884	--Balyos Burnu, Kapıdagi Yarımadası, W. point.	40° 29.7' N 27° 41.0' E	Fl.(2)W. period 10s fl. 0.5s, ec. 2s fl. 0.5s, ec. 7s	125 38	10	White iron tower; 39.	AIS (MMSI No 992711093).
*		*			*	*	* 40/15
17168 N 4885	--Tuzla Burnu, E. point.	40° 27.7' N 27° 40.1' E	Fl.W. period 3s fl. 0.3s, ec. 2.7s	72 22	12	White metal tower; 23.	AIS (MMSI No 992711095).
*						*	* 40/15
17172 N 4890	--Kapsul Burnu.	40° 28.6' N 28° 02.1' E	Fl.(2)R. period 10s fl. 0.5s, ec. 2s fl. 0.5s, ec. 7s	66 20	12	White concrete tower, dwelling; 31.	AIS (MMSI No 992711091).
*		*					* 40/15
17176 N 4888	--W. mole, head.	40° 21.4' N 27° 57.5' E	Fl.G. period 5s fl. 1s, ec. 4s	33 10	6	White concrete tower; 26.	AIS (MMSI No 992711097).
*						*	* 40/15

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SECTION II

CORRECTIONS TO PUB 113, LIST OF LIGHTS, 2015 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
17180 <i>N 4887</i>	--E. breakwater, head.	40° 21.5' N 27° 57.5' E	Fl.R. period 5s fl. 1s, ec. 4s	33 10	10	White concrete tower; 26.	AIS (MMSI No 992711098).
*		*				*	* 40/15
17188 <i>N 4886</i>	--Mola Adalari, Fener Adasi.	40° 27.7' N 28° 04.0' E	Fl.W. period 5s fl. 0.5s, ec. 4.5s	141 43	10	White metal mast, dwelling; 39.	Visible 259°-296°, 303°-312° and 028°-256°. AIS (MMSI No 992711092).
*		*				*	* 40/15
17192 <i>N 4899.8</i>	-Imrali Adasi, Marti Burnu, NW.	40° 33.9' N 28° 31.2' E	Fl.W. period 10s fl. 1s, ec. 9s	361 110	10	White concrete tower; 20.	AIS (MMSI No 992711054).
*		*					* 40/15
17196 <i>N 4899.9</i>	--Degirmen Burnu.	40° 33.4' N 28° 33.0' E	Fl.R. period 3s fl. 0.3s, ec. 2.7s	82 25	6	White metal framework tower; 16.	AIS (MMSI No 992711053).
*		*					* 40/15
17200 <i>N 4900.8</i>	-Karabacey (Sazli Kohve Burnu).	40° 23.4' N 28° 31.1' E	Fl.(3)W. period 15s fl. 1s, ec. 1s fl. 1s, ec. 1s fl. 1s, ec. 10s	42 13	10	White metal framework tower; 39.	AIS (MMSI No 992711099).
*		*					* 40/15
17208 <i>N 4900.2</i>	-Gemlik Korfezi, Arnavut Burnu.	40° 23.1' N 28° 51.9' E	Fl.(2)W. period 10s fl. 0.5s, ec. 2s fl. 0.5s, ec. 7s	98 30	12	White metal tower; 20.	AIS (MMSI No 992711063).
*		*				*	* 40/15
17220 <i>N 4900.7</i>	--Gemlik, wharf, head.	40° 25.9' N 29° 09.1' E	Fl.(3)Y. period 8s		3	Gray framework tower.	
*		*	*	*			* 40/15
17225 <i>N 4900</i>	-Boz Burnu, W. extremity.	40° 32.0' N 28° 47.1' E	Fl.W. period 5s fl. 0.5s, ec. 4.5s	253 77	10	White metal tower, dwelling; 29.	AIS (MMSI No 992711064). Siren: 2 bl. ev. 30s (bl. 2s, si. 2s, bl. 2s, si. 24s).
*						*	* 40/15
17236 <i>N 4899.96</i>	-Sivrikaya Burnu, entrance, S. side.	40° 38.7' N 29° 00.5' E	Fl.W. period 10s fl. 1s, ec. 9s	65 20	12	White metal framework tower; 33.	AIS (MMSI No 992711065).
*		*			*	*	* 40/15
17240 <i>N 4931</i>	-Yalova (Samanli), W. mole, head.	40° 39.7' N 29° 14.7' E	Fl.G. period 3s fl. 1s, ec. 2s	30 9	8	Metal framework tower; 23.	AIS (MMSI No 992711060).
*							* 40/15
17244 <i>N 4931.2</i>	--E. mole, head.	40° 39.6' N 29° 14.8' E	Fl.R. period 3s fl. 1s, ec. 2s	30 9	8	Metal framework tower; 23.	AIS (MMSI No 992711061).
*		*					* 40/15

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CORRECTIONS TO PUB 113, LIST OF LIGHTS, 2015 EDITION

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17272 N 4928	--Zeytun Burnu, extremity of point.	40° 44.5' N 29° 47.0' E	Fl.(2)R. period 5s fl. 0.3s, ec. 1s fl. 0.3s, ec. 3.4s	33 10	8	White metal tower; 26.	F.R. on water tower 1M N. AIS (MMSI No 992711057).
*		*					* 40/15
17280 N 4929	--Golcuk Burnu.	40° 43.8' N 29° 48.8' E	Fl.W. period 3s fl. 1s, ec. 2s	29 9	8	White concrete tower; 16.	F.R. lights shown on pier 700 meters W. AIS (MMSI No 992711059).
*						*	* 40/15
17284 N 4922	--Yelkenkaya Burnu.	40° 45.4' N 29° 21.3' E	Fl.W. period 15s fl. 1.5s, ec. 13.5s	66 20	18	White concrete tower and building; 49.	AIS (MMSI No 992711056).
*		*					* 40/15
17286 N 4920	--Hayirsizada.	40° 47.3' N 29° 15.7' E	Fl.W. period 3s fl. 0.3s, ec. 2.7s	56 17	10	White metal framework tower on concrete base; 23.	AIS (MMSI No 992711052).
*							* 40/15
17287 N 4920.5	--Tuzla Korfezi, breakwater, head.	40° 48.7' N 29° 17.8' E	Fl.R. period 5s	39 12	5	Metal tower, black band; 30.	AIS (MMSI No 992711049).
*		*	*		*	*	* 40/15
17289 N 4918.8	--Tuzla, Outer harbor, N. breakwater, head.	40° 49.1' N 29° 16.0' E	Fl.G. period 5s	16 5	5	White metal framework tower; 10.	AIS (MMSI No 992711350).
*							* 40/15
17289.1 N 4918.9	--S. breakwater, head.	40° 49.0' N 29° 16.1' E	Fl.R. period 5s	16 5	5	White metal framework tower; 10.	AIS (MMSI No 992711349).
*							* 40/15
17294 N 4916.4	--Aydinli Limani.	40° 51.6' N 29° 15.4' E	Fl.(2)G. period 5s fl. 0.3s, ec. 1s fl. 0.3s, ec. 3.4s	26 8	5	White concrete tower, green band; 20.	AIS (MMSI No 992711047).
*		*				*	* 40/15
17295 N 4916.3	--Aydinbey Yarimadasi, S. head.	40° 51.0' N 29° 16.3' E	Fl.R. period 5s fl. 1s, ec. 4s	23 7	8	White metal framework tower; 19.	AIS (MMSI No 992711050).
*		*					* 40/15
17296 N 4916.2	--Pendik, breakwater, head.	40° 52.8' N 29° 06.0' E	Fl.G. period 5s fl. 1s, ec. 4s	36 11	8	White concrete tower; 26.	AIS (MMSI No 992711051).
*		*					* 40/15
17328 N 4910	--Fener Burnu.	40° 58.1' N 29° 01.9' E	Fl.(2)W. period 12s fl. 1.5s, ec. 2s fl. 1.5s, ec. 7s	82 25	15	White concrete tower, dwelling; 65.	AIS (MMSI No 992711104).
*						*	* 40/15

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CORRECTIONS TO PUB 113, LIST OF LIGHTS, 2015 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
17412 <i>N 4944</i>	-Kandilli Burnu, strait, E. side.	41° 04.4' N 29° 03.4' E	Fl.R. period 3s fl. 0.3s, ec. 2.7s	89 27	12	White metal column; 33.	Navigation control station. 2 Fl.R. on radio mast 3.3 miles SE. AIS (MMSI No 992711024).
*		*					* 40/15
17422 <i>N 4946.2</i>	-Fatih Sultan Mehmet Bridge, center.	41° 05.5' N 29° 03.7' E	Oc.W. period 3s fl. 2s, ec. 1s	222 68			Fl.R. lights mark shore towers.
*			*				* 40/15
17422.4 <i>N 4946.4</i>	--Channel, W. side.	41° 05.5' N 29° 03.5' E	Oc.R. period 6s fl. 5s, ec. 1s	220 67			
*			*				* 40/15
17457 <i>N 4949.9</i>	-Umur Banklari, S end.	41° 08.7' N 29° 04.1' E	Q.(6)+L.Fl.W. period 15s			S. CARDINAL YB, beacon, topmark.	AIS (MMSI No 992711021).
*			*				* 40/15
17472 <i>N 4953.2</i>	-Overhead cable, E. head.	41° 10.0' N 29° 05.2' E	2 Fl.R. period 2s	817 249	11	Red and white framework pylon; 407.	
			Fl.R.				
*		*	*			*	40/15
17476 <i>N 4953</i>	--W. head.	41° 10.6' N 29° 04.2' E	2 Fl.R. period 2s	797 243	11	Red and white framework pylon; 407.	
			Fl.R.				
*			*			*	40/15
17520 <i>N 4964</i>	Karaburnu.	41° 20.9' N 28° 40.9' E	Fl.W. period 5s fl. 0.5s, ec. 4.5s	177 54	15	White metal framework tower; 39.	AIS (MMSI No 992711077).
*		*				*	* 40/15
17524 <i>N 4965</i>	Kiyikoy.	41° 38.0' N 28° 06.0' E	Fl.W. period 10s fl. 1s, ec. 9s	121 37	12	White metal tower, black band; 49.	AIS (MMSI No 992711076).
*			*			*	* 40/15
17525 <i>N 4965.1</i>	-Main breakwater, head.	41° 37.9' N 28° 06.1' E	Fl.G. period 5s fl. 1s, ec. 4s	23 7	5	White concrete tower, green band, metal framework pylon; 16.	AIS (MMSI No 992711074).
*						*	* 40/15
17525.5 <i>N 4965.2</i>	-Secondary breakwater, head.	41° 37.9' N 28° 06.1' E	Fl.R. period 5s fl. 1s, ec. 4s	23 7	5	White concrete tower, red band; 13.	AIS (MMSI No 992711075).
*						*	* 40/15

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CORRECTIONS TO PUB 113, LIST OF LIGHTS, 2015 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
17528 <i>N 4966</i>	Igneada Burnu.	41° 53.2' N 28° 03.4' E	Fl.(2)W. period 15s fl. 0.3s, ec. 4.7s fl. 0.3s, ec. 9.7s	144 44	20	White concrete tower, dwelling; 26.	AIS (MMSI No 992711070).
*		*				*	* 40/15
17532 <i>N 4966.4</i>	-E. breakwater, head.	41° 53.2' N 28° 01.2' E	Fl.G. period 3s	39 12	12	White concrete tower, green band.	AIS (MMSI No 992711071).
*		*	*		*		* 40/15
17536 <i>N 4966.6</i>	-W. breakwater, head.	41° 53.2' N 28° 01.2' E	F.R. period 5s fl. 1s, ec. 4s	39 12	12	White concrete tower, red band; 42.	AIS (MMSI No 992711072).
*					*		* 40/15
17544 <i>N 4969</i>	Michurin (Tzarevo), on rock.	42° 09.5' N 27° 52.3' E	Fl.W. period 3.5s		4		
*		*	*	*		*	* 40/15
17550 <i>N 4971.5</i>	-Main Light.						<i>Remove from list.</i>
							* 40/15
17552 <i>N 4972</i>	Primorsko, pier, head.	42° 16.0' N 27° 45.5' E	Iso.W. period 6s	26 8	6	White round tower, pedestal; 20.	
*			*			*	* 40/15
17576 <i>N 4981</i>	-Point Chu Kalya.						<i>Remove from list.</i>
							* 40/15
17578 <i>N 4981.4</i>	--Range, front.						<i>Remove from list.</i>
							* 40/15
17578.1 <i>N 4981.41</i>	--Rear, 120 meters 180°42' from front.						<i>Remove from list.</i>
							* 40/15
17589 <i>N 4988.5</i>	--Pobeda, pier, head.	42° 28.7' N 27° 27.0' E	L.Fl.W. period 4.5s fl. 2.5s, ec. 2s	30 9	4	Red beacon, yellow band; 20.	
*			*				* 40/15
17592 <i>N 4989</i>	--Korabostroitelnitzy, jetty, N. head.						<i>Remove from list.</i>
							* 40/15
17596 <i>N 4989.2</i>	--Jetty, S. head.						<i>Remove from list.</i>
							* 40/15

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17604 N 4990	Pomorie, SE. reef.	42° 33.1' N 27° 39.7' E	Q.(3)W. period 10s	39 12	10	Black round stone tower, yellow band, pedestal; 26.	
*		*			*	*	40/15
17608 N 4994	Nesebur.	42° 39.1' N 27° 43.7' E	FL.R.G. period 8s	33 10	R. 7 G. 5	Metal framework tower; 20.	R. 240°-285°, G.-240°.
*		*			*	*	40/15
17616 N 4998	Sveti Athanas.						<i>Remove from list.</i>
							* 40/15
17646 N 5009.5	Balcik.						<i>Remove from list.</i>
							* 40/15
17648 N 5010	Bukhta Balchik, breakwater, head.	43° 24.1' N 28° 09.9' E	L.F.I.R. period 6.5s fl. 2.5s, ec. 4s	33 10	8	Red metal column, platform; 26.	
*		*	*			*	40/15
17652 N 5011	-Pier, root.	43° 25.0' N 28° 21.3' E	FL.W. period 5s fl. 1.5s, ec. 3.5s	39 12	5	White metal column, black band, platform; 30.	
*		*	*			*	40/15
17690 N 5027.2	-Constanta Sud.	44° 06.5' N 28° 39.9' E	FL.R. period 3.5s	16 5		Red rectangular daymark; 7.	Radar reflector.
*			*			*	40/15
17720 N 5028.2	-Tomas Portul, E.	44° 10.7' N 28° 39.7' E	FL.R. period 3s fl. 0.5s, ec. 2.5s	16 5	1	Red metal mast; 26.	Radar reflector.
*			*	*	*		* 40/15
17728 N 5028	-Marina, NE. side.	44° 10.7' N 28° 39.8' E	FL.G. period 3.5s fl. 0.5s, ec. 3s	16 5	3	Green metal mast; 26.	Radar reflector.
*		*	*	*	*		* 40/15
17745 N 5034.2	--S. breakwater, head.	45° 08.8' N 29° 45.9' E	FL.R. period 5.5s fl. 0.7s, ec. 4.8s	30 9	7	Metal tower; 13.	
*		*			*	*	40/15
17745.5 N 5034.4	--N. breakwater, head.	45° 08.9' N 29° 45.9' E	FL.G. period 5.5s fl. 0.7s, ec. 4.8s	30 9	7	Metal tower; 13.	
*		*			*		40/15
17792 N 5041.2	Provinskiy Rezervnyy.						<i>Remove from list.</i>
							* 40/15

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17796 N 5042	- -Entrance Range, front.						<i>Remove from list.</i>
							* 40/15
17800 N 5042.1	- -Rear, 0.7 km. 219°12' from front.						<i>Remove from list.</i>
							* 40/15
17840 N 5060	-Tsaregradskoye Girlo Range, front.						<i>Remove from list.</i>
							* 40/15
17844 N 5060.1	-Tsaregradskoye Girlo.	46° 04.5' N 30° 28.2' E	L.Fl.W. period 7.5s fl. 3s, ec. 4.5s	112 34	16	Red metal framework tower, red rectangular daymark, white stripe, two white bands; 105.	Reserve light range 10M.
*	*	*	*	*	*	*	* 40/15
17900 N 5077.7	-Pier SR3.						<i>Remove from list.</i>
							* 40/15
17960 N 5088	-W. head.	46° 29.8' N 30° 44.4' E	Fl.R. period 3s fl. 1s, ec. 2s	36 11	3	White metal framework tower; 30.	
*			*	*	*	*	40/15
18056 N 5136.1	-Fifth Reach, W.	46° 35.4' N 31° 32.8' E	Iso.W. period 3s	92 28	3	Gray metal framework tower, concrete base, red rectangular daymark, black stripe; 92.	Intensified on bearing 268°18'.
*		*			*	*	* 40/15
18068 N 5130	-Adzhigol'skiy Range, front.	46° 36.0' N 31° 38.7' E	Q.R.	36 11	3	Gray four-sided concrete tower, red rectangular daymark; 33.	Intensified on bearing 069°06'. Shown 24 hours in autumn and winter.
*		*		*	*	*	* 40/15
18088 N 5149	-Stanislav Range, front.	46° 30.7' N 32° 09.1' E	Fl.R.	79 24	16	Red metal framework tower; 79.	Visible on range line only. Shown by day in poor visibility.
	-Auxiliary.		Dir.R. period 1.5s		13		Fl.R. 106°45'-108°15', F.R.-109°45', Oc.R.-111°15'. Shown on request.
*	*		*		*	*	* 40/15
18092 N 5149.1	-Rear, 6.49 km. 109° from front.	46° 30.0' N 32° 14.0' E	F.G.	221 67	19	Red round metal framework tower, concrete base; 210.	Visible on range line only. Shown by day in poor visibility.
*			*			*	* 40/15

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18096 N 5182	-Mys Khablovskiy, middle, 4.8 km. 064°06' from front.	46° 39.4' N 31° 59.1' E	Iso.R. period 6s	111 34	10	White four-sided stone tower, red stripe; 36. Floodlit.	Visible on range line only.
			Dir.R. period 1.5s		10		Oc.R. 061°51'-063°21', F.R.-064°51', Fl.R.-066°21'. Shown on request.
*		*	*		*	*	* 40/15
18178 N 5203.1	-Rear, 480 meters 023°24' from front.	46° 55.6' N 32° 01.6' E	F.R.	131 40	10	Red four-sided framework tower, red rectangular daymark, white stripe; 43.	Visible 329°30'-315°30'. Shown by day in poor visibility.
			F.R.		10		Visible 022°39'-024°09'.
			Fl.R. period 5s		10		Visible 021°09'-022°39' and 024°09'-025°39'.
*	*		*		*	*	* 40/15
18345 N 5321	Massandrovskiy Range, front.						<i>Remove from list.</i>
							* 40/15
18345.1 N 5321.1	-Rear, 165 meters 047° from front.						<i>Remove from list.</i>
							* 40/15
18380 N 5341	Mys Kiik-Atlama.	44° 57.2' N 35° 23.0' E	Fl.R. period 5s fl. 1s, ec. 4s	525 160	4	White concrete tower, red bands; 20.	
*		*	*		*	*	40/15
18456 N 5373	-Pavlovski Sekushchiye Range, front.						<i>Remove from list.</i>
							* 40/15
18460 N 5373.1	-Rear, 590 meters 355°30' from front.						<i>Remove from list.</i>
							* 40/15
18570 N 5423.5	-N. mole, head.	45° 21.8' N 36° 37.9' E	Fl.(2)G. period 5s fl. 0.5s, ec. 1s fl. 0.5s, ec. 3s	26 8	2	Green round metal column, concrete base; 16.	
*		*	*			*	40/15
18570.1 N 5423.6	-S. mole, head.	45° 21.7' N 36° 37.8' E	Fl.(2)R. period 5s fl. 0.5s, ec. 1s fl. 0.5s, ec. 3s	30 9	2	Red round metal column, concrete base; 16.	
*		*	*			*	40/15
18652 N 5460	-Detached breakwater, NW. head.	46° 44.5' N 36° 45.9' E	Fl.(2)G. period 5s fl. 0.5s, ec. 1s fl. 0.5s, ec. 3s	39 12	5	Green round metal column, white band; 36.	Seasonal.
*			*		*	*	* 40/15

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18660 <i>N 5464</i>	-Range, front.	46° 45.2' N 36° 46.8' E	F.R.	95 29	12	Metal framework tower, white four-sided hut; 95.	Visible on range line only. Fl.R. 2s visible W. of range line, Oc.R. 2s visible E. of range line.
			F.R.		11		Visible on range line only. Occasional.
*		*	*		*	*	* 40/15
18664 <i>N 5464.1</i>	--Rear, 1.3 km. 040°48' from front.	46° 45.7' N 36° 47.4' E	F.R.	207 63	12	White diamond and white square daymarks, black stripe; 66.	Visible on range line only.
*		*	*			*	40/15
18732 <i>N 5478</i>	--W. Entrance Range, front.	47° 03.3' N 37° 30.3' E	F.G.	89 27	14	Black framework structure, white square daymark; 92.	Visible on range line only.
			Iso.G. period 2s	89 27	14		White reflector.
*		*	*	*		*	* 40/15
18736 <i>N 5478.1</i>	---Middle, 0.92 mile 012°18' from front.	47° 04.2' N 37° 30.6' E	F.R.	187 57	14	White four-sided tower, white two-story building; 77.	May be obscured within 4M. F.R. 5M (vertical strip) also visible (occasional).
			Oc.R. period 4.5s		14		Occasional.
			Fl.R. period 4.5s				Occasional.
*		*	*			*	* 40/15
18745 <i>N 5483</i>	--Zapadnyy mole, NE. head.	47° 02.9' N 37° 30.1' E	Fl.(2)R. period 5s fl. 0.5s, ec. 1s fl. 0.5s, ec. 3s	26 8	1	Red round metal column, white band; 20.	
*		*	*			*	40/15
18750 <i>N 5502</i>	--Remontnyy Basseyn, entrance, E. side.	47° 03.7' N 37° 31.0' E	Fl.(2)G. period 5s fl. 0.5s, ec. 1s fl. 0.5s, ec. 3s	30 9	1	Green round metal column, white band; 23.	
*		*	*			*	40/15
18751 <i>N 5504</i>	---W. side.	47° 03.7' N 37° 30.9' E	Fl.(2)R. period 5s fl. 0.5s, ec. 1s fl. 0.5s, ec. 3s	26 8	1	Red round metal column, white band; 23.	
*		*	*			*	40/15
19008 <i>N 5642.8</i>	-Fishing cannery, Pier 1.						<i>Remove from list.</i>
							* 40/15
19140 <i>N 5689</i>	-Severnnyy, N. mole, head.	43° 34.6' N 39° 42.8' E	Fl.(2)R.G. period 6s fl. 1s, ec. 1s fl. 1s, ec. 3s	69 21	1	Red round concrete tower, white band, gallery; 52.	R.170°-035°, G.-170°.
*		*	*	*	*	*	* 40/15

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19152 <i>N 5687.9</i>	-Entrance Range, front, N. mole, root.						<i>Remove from list.</i>
							* 40/15
19156 <i>N 5688.1</i>	-W. edge of channel Range, front, N. mole, root.						<i>Remove from list.</i>
							* 40/15
19160 <i>N 5688.2</i>	-Channel, E. edge.						<i>Remove from list.</i>
							* 40/15
19212 <i>N 5726</i>	-Mys Sukhumskiy.	42° 58.9' N 40° 58.3' E	L.Fl.(3)W. period 15s	121 37	17	White round metal tower; 112.	Visible 236°-42'-115°-42', faintly 116°-127°.
*		*	*				* 40/15
19256 <i>N 5746</i>	Anaklia, Reka Ingur, entrance.	42° 23.6' N 41° 33.7' E	L.Fl.W.R.G. period 15s	180 55	20	On dome of building; 148.	Visible 330°-161°. Reserve light Iso.W. 3s 10M.
*		*	*	*	*	*	* 40/15
19277 <i>N 5762</i>	-Entrance Range, front.	42° 09.6' N 41° 38.9' E	Fl.R. period 6s	56 17	5	Four-sided metal framework tower, white rectangular daymark, red stripe.	Horn: 2 bl. ev. 54s (bl. 6s, si. 12s, bl. 6s, si. 30s).
*			*	*		*	40/15
19300 <i>N 5763</i>	-Near center of harbor.	42° 09.5' N 41° 39.1' E	Fl.W. period 5s fl. 0.5s, ec. 4.5s	23 7	5	Metal framework structure.	
*		*			*	*	40/15
19312 <i>E 5763.44</i>	Grigoleti.						<i>Remove from list.</i>
							* 40/15
19314 <i>N 5764</i>	Natanebi.	41° 58.1' N 41° 45.8' E	Fl.(2)R. period 4s	131 40	7		Visible 355°-176°.
*			*	*		*	* 40/15
19320 <i>N 5765</i>	Kobuleti.	41° 51.1' N 41° 46.7' E	Fl.(2)G. period 3s		11	Building, lantern; 98.	Visible 018°-185°.
*	*		*	*	*	*	40/15
19324 <i>N 5768</i>	-Bukhta Batumiyskaya, on Mys Burun Tabiya.	41° 39.3' N 41° 38.5' E	Fl.R. period 6s	65 20	14	White octagonal stone tower, dwelling; 66.	Visible 065°-310°. Horn: 5 bl. ev. 60s (bl. 7s, si. 4s, bl. 7s, si. 4s, bl. 6s, si. 2s, bl. 4s, si. 8s, bl. 8s, si. 10s).
*		*	*			*	* 40/15
19332 <i>N 5772.1</i>	-Rear, 1,300 meters from front.	41° 38.3' N 41° 39.1' E	Fl.R. period 2.5s fl. 0.5s, ec. 2s	130 40	12	Black truncated pyramid, two white rectangular daymarks; 16.	Visible on range line only.
*			*			*	40/15

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19361 N 5779.5	Arhavi, Fishermans Shelter, main breakwater, head.	41° 21.1' N 41° 17.6' E	Fl.G. period 5s fl. 1s, ec. 4s	30 9	7	White concrete tower; 20.	AIS (MMSI No 992711296).
*							* 40/15
19361.5 N 5779.51	--Secondary breakwater, head.	41° 21.1' N 41° 17.6' E	Fl.R. period 5s fl. 1s, ec. 4s	30 9	7	White concrete tower; 20.	AIS (MMSI No 992711297).
*							* 40/15
19362.5 N 5781.2	-Inner breakwater, head.	41° 11.8' N 40° 59.5' E	Fl.R. period 5s fl. 1s, ec. 4s	26 8	6	White concrete tower; 20.	AIS (MMSI No 992711322).
*						*	* 40/15
19365 N 5780.7	-N. breakwater, head.	41° 10.9' N 40° 54.7' E	Fl.G. period 3s fl. 1s, ec. 2s	39 12	5	White concrete tower; 26.	AIS (MMSI No 992711328).
*			*			*	* 40/15
19365.5 N 5780.8	-S. breakwater, head.	41° 10.9' N 40° 54.6' E	Fl.R. period 3s fl. 1s, ec. 2s	39 12	5	White concrete tower; 26.	AIS (MMSI No 992711327).
*			*			*	* 40/15
19385 N 5782.9	-N. breakwater, head.	40° 56.9' N 40° 03.3' E	Fl.G. period 5s fl. 1s, ec. 4s	33 10	5	White metal pylon; 26.	AIS (MMSI No 992711343).
*			*			*	* 40/15
19385.5 N 5782.95	-S. breakwater, head.	40° 57.0' N 40° 03.1' E	Fl.R. period 5s fl. 1s, ec. 4s	33 10	5	White metal pylon; 30.	AIS (MMSI No 992711344).
*			*			*	* 40/15
19392 N 5785	-N. breakwater, head.	41° 00.5' N 39° 44.8' E	Fl.G. period 3s fl. 0.3s, ec. 2.7s	52 16	10	White concrete tower; 26.	AIS (MMSI No 992711346).
*		*				*	* 40/15
19400 N 5785.6	--E.	41° 00.2' N 39° 44.9' E	Fl.R. period 3s fl. 0.3s, ec. 2.7s	30 9	10	White concrete tower; 23.	AIS (MMSI No 992711347).
*		*	*			*	* 40/15
19428 N 5790	Giresun , NW. side of promontory.	40° 55.4' N 38° 23.5' E	Fl.W. period 15s fl. 1.5s, ec. 13.5s	364 111	18	White metal tower; 39.	AIS (MMSI No 992711305).
*		*				*	* 40/15
19432 N 5791	-N. breakwater.	40° 55.2' N 38° 22.7' E	Fl.R. period 5s fl. 1s, ec. 4s	43 13	10	White concrete tower; 33.	AIS (MMSI No 992711307).
*		*				*	* 40/15

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19436 <i>N 5792</i>	-S. breakwater.	40° 55.0' N 38° 22.7' E	FLG. period 5s fl. 1s, ec. 4s	30 9	10	White concrete tower; 20.	AIS (MMSI No 992711306).
*		*					* 40/15
19440 <i>N 5789.4</i>	Piraziz Burnu.	40° 57.1' N 38° 09.2' E	FL.W. period 3s fl. 0.3s, ec. 2.7s	98 30	8	White metal tower; 33.	AIS (MMSI No 992711308).
*		*				*	* 40/15
19444 <i>N 5793</i>	Ordu (Piramet).	41° 00.9' N 37° 52.0' E	FL.W. period 5s fl. 0.5s, ec. 4.5s	56 17	10	White metal framework tower; 33.	AIS (MMSI No 992711315).
*		*				*	* 40/15
19448 <i>N 5794</i>	Cam Burnu.	41° 06.9' N 37° 47.2' E	FL.W. period 10s fl. 1s, ec. 9s	127 39	18	White concrete tower; 26.	AIS (MMSI No 992711316).
*		*				*	* 40/15
19452 <i>N 5795</i>	Yasun Burnu.	41° 08.1' N 37° 41.1' E	FL(3)W. period 15s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 10.5s	36 11	8	White metal tower; 23.	AIS (MMSI No 992711317).
*		*	*			*	* 40/15
19453 <i>N 5795.3</i>	Yalikoy Fishermans Shelter, N. breakwater, head.	41° 03.1' N 37° 36.5' E	F.R.	43 13	3	Metal framework tower; 36.	AIS (MMSI No 992711313).
*							* 40/15
19453.1 <i>N 5795.35</i>	-S. breakwater, head.	41° 03.1' N 37° 36.5' E	FLG. period 5s fl. 1s, ec. 4s	43 13	3	White metal framework tower; 36.	AIS (MMSI No 992711314).
*							* 40/15
19456 <i>N 5796</i>	Fatsa Limani, on Fatsa Banki.	41° 03.6' N 37° 30.7' E	FL.W. period 3s fl. 0.3s, ec. 2.7s	20 6	10	White metal framework tower; 16.	AIS (MMSI No 992711310).
*		*				*	* 40/15
19457 <i>N 5796.2</i>	-Shelter mole, head.	41° 02.7' N 37° 29.8' E	FLG. period 5s fl. 1s, ec. 4s	33 10	8	White concrete tower; 16.	AIS (MMSI No 992711311).
*							* 40/15
19457.5 <i>N 5796.4</i>	-Secondary mole, head.	41° 02.5' N 37° 29.6' E	FL.R. period 5s fl. 1s, ec. 4s	30 9	8	White concrete tower; 16.	AIS (MMSI No 992711312).
*							* 40/15
19458 <i>N 5797</i>	Unye, breakwater, head.	41° 07.0' N 37° 21.0' E	FLG. period 5s fl. 1s, ec. 4s	30 9	6	White concrete tower; 23.	AIS (MMSI No 992711319).
*						*	* 40/15

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19458.5 N 5797.1	-Secondary breakwater, head.	41° 07.0' N 37° 20.7' E	Fl.R. period 5s fl. 1s, ec. 4s	30 9	6	White concrete tower; 23.	AIS (MMSI No 992711320).
*						*	* 40/15
19460 N 5798	Unye, on Tashane Burun.	41° 08.5' N 37° 17.6' E	Fl.(2)W. period 6s fl. 0.5s, ec. 1s fl. 0.5s, ec. 4s	62 19	10	Metal tower, white concrete base; 26.	AIS (MMSI No 992711318).
*		*	*			*	* 40/15
19464 N 5799	Calti Burnu.	41° 15.7' N 37° 01.4' E	Fl.W. period 5s fl. 0.5s, ec. 4.5s	56 17	10	White metal framework tower, dwelling; 49.	AIS (MMSI No 992711334).
*		*				*	* 40/15
19468 N 5800	Civa Burnu.	41° 21.8' N 36° 41.1' E	Fl.(2)W. period 10s fl. 0.5s, ec. 2s fl. 0.5s, ec. 7s	76 23	10	White concrete tower; 59.	AIS (MMSI No 992711330).
*		*					* 40/15
19476 N 5803	-E. mole, head.	41° 18.5' N 36° 21.0' E	Fl.R. period 5s fl. 1s, ec. 4s	46 14	10	Concrete tower; 39.	AIS (MMSI No 992711332).
*		*					* 40/15
19480 N 5802	-N. mole.	41° 18.6' N 36° 21.3' E	Fl.G. period 2s fl. 0.3s, ec. 1.7s	49 15	10	Concrete tower; 36.	AIS (MMSI No 992711333). Horn: Mo.(A) 30s (bl. 0.75s, si. 1s, bl. 2.5s, si. 25.75s).
*							* 40/15
19492 N 5805	Incir Burnu.	41° 37.4' N 36° 06.8' E	Fl.(3)W. period 12s fl. 0.8s, ec. 1.2s fl. 0.8s, ec. 1.2s fl. 0.8s, ec. 7.2s	49 15	13	White metal framework tower; 39.	AIS (MMSI No 992711331).
*		*					* 40/15
19496 N 5806	Bafra Burnu.	41° 43.8' N 35° 56.8' E	Fl.W. period 5s fl. 0.5s, ec. 4.5s	82 25	20	White round metal framework tower, building; 82.	AIS (MMSI No 992711329).
*		*				*	* 40/15
19500 N 5806.5	Yakakent, E. mole.	41° 38.6' N 35° 30.2' E	Fl.G.	36 11			
*		*	*				40/15
19504 N 5806.6	-W. mole.	41° 38.4' N 35° 30.3' E	Fl.R.	26 8			
*		*	*				40/15
19508 N 5807	Gerze, Kosk Burnu.	41° 48.0' N 35° 12.4' E	Fl.(2)W. period 3s fl. 0.3s, ec. 1s fl. 0.3s, ec. 1.4s	49 15	6	White concrete tower; 20.	AIS (MMSI No 992711338).
*		*					* 40/15

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(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
19512 <i>N 5808</i>	Sinop, on Boztepe Burnu.	42° 01.1' N 35° 12.5' E	Fl.(2)W. period 15s fl. 1s, ec. 3s fl. 1s, ec. 10s	351 107	10	White stone tower, dwelling; 13.	AIS (MMSI No 992711340). Siren: 3 bl. ev. 32s (bl. 1s, si. 1s, bl. 1s, si. 1s, bl. 2.5s, si. 25.5s).
*		*				*	* 40/15
19528 <i>N 5809</i>	Ak-Liman.	42° 03.1' N 35° 02.9' E	Fl.R. period 5s fl. 1s, ec. 4s	66 20	6	White concrete tower; 16.	AIS (MMSI No 992711339).
*							* 40/15
19532 <i>N 5810</i>	Ince Burun.	42° 05.6' N 34° 57.0' E	Fl.(4)W. period 20s fl. 0.5s, ec. 2s fl. 0.5s, ec. 2s fl. 0.5s, ec. 2s fl. 0.5s, ec. 12s	85 26	18	White stone tower, dwelling; 39.	AIS (MMSI No 992711341).
*		*				*	* 40/15
19534 <i>N 5810.5</i>	Cayhoglu harbor, N. breakwater, head.	41° 58.0' N 34° 30.5' E	Fl.G. period 5s fl. 1s, ec. 4s	23 7	7	White concrete tower; 16.	AIS (MMSI No 992711336).
*							* 40/15
19534.5 <i>N 5810.6</i>	-S. breakwater, head.	41° 58.0' N 34° 30.4' E	Fl.R. period 5s fl. 1s, ec. 4s	23 7	7	White concrete tower; 16.	AIS (MMSI No 992711337).
*							* 40/15
19536 <i>N 5811</i>	Ayancik, on Usta Burun.	41° 58.3' N 34° 29.6' E	Fl.W. period 5s fl. 0.5s, ec. 4.5s	89 27	8	White framework tower, concrete base; 20.	AIS (MMSI No 992711335).
*		*	*			*	* 40/15
19544 <i>N 5812</i>	Inebolu, on point.	41° 58.6' N 33° 46.0' E	Fl.W. period 10s fl. 1s, ec. 9s	125 38	12	White concrete tower, dwelling; 30.	AIS (MMSI No 992711008).
*		*				*	* 40/15
19548 <i>N 5813</i>	-N. breakwater, head.	41° 58.9' N 33° 46.7' E	Fl.G. period 3s fl. 1s, ec. 2s	23 7	8	White concrete tower; 23.	AIS (MMSI No 992711009).
*						*	* 40/15
19552 <i>N 5814</i>	-S. breakwater, head.	41° 58.8' N 33° 46.3' E	Fl.R. period 3s fl. 1s, ec. 2s	23 7	8	White metal framework tower; 23.	AIS (MMSI No 992711010).
*						*	* 40/15
19556 <i>N 5816</i>	Kerempe Burnu.	42° 01.1' N 33° 20.7' E	Fl.W. period 20s	269 82	20	White round tower, dwelling; 26.	AIS (MMSI No 992711011). Siren: 3 bl. ev. 32s (bl. 1s, si. 1s, bl. 1s, si. 1s, bl. 2.5s, si. 25.5s).
*		*				*	* 40/15

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19560 <i>N 5816.5</i>	Kopekkayasi Burnu.	41° 54.3' N 32° 59.4' E	Fl.(2)W. period 5s fl. 0.5s, ec. 1s fl. 0.5s, ec. 3s	666 203	10	White concrete tower; 23.	AIS (MMSI No 992711012).
*		*				*	* 40/15
19564 <i>N 5816.55</i>	-N. breakwater, head.	41° 54.1' N 32° 58.4' E	F.R.	30 9	3	White concrete tower; 30.	AIS (MMSI No 992711013).
*						*	* 40/15
19568 <i>N 5816.6</i>	-Sheltered breakwater, head.	41° 54.1' N 32° 59.0' E	Fl.G. period 5s fl. 1s, ec. 4s	30 9	8	White concrete tower; 30.	AIS (MMSI No 992711014).
*			*			*	* 40/15
19572 <i>N 5816.7</i>	Kurucasile, on Kapt Suyu.	41° 50.7' N 32° 43.1' E	Fl.W. period 3s fl. 0.3s, ec. 2.7s	135 41	8	White concrete tower; 26.	AIS (MMSI No 992711015).
*		*				*	* 40/15
19576 <i>N 5817</i>	Amasra.	41° 45.2' N 32° 23.0' E	Fl.W. period 10s fl. 1s, ec. 9s	252 77	20	White stone tower, dwelling; 13.	AIS (MMSI No 992711016).
*						*	* 40/15
19580 <i>N 5818</i>	-S. breakwater, head.	41° 44.7' N 32° 23.7' E	Fl.R. period 6s fl. 1s, ec. 5s	39 12	10	White metal tower; 20.	AIS (MMSI No 992711018).
*		*	*			*	* 40/15
19584 <i>N 5817.5</i>	-N. mole, head.	41° 44.9' N 32° 23.9' E	Fl.G. period 6s fl. 1s, ec. 5s	46 14	10	White metal tower; 33.	AIS (MMSI No 992711017).
*			*			*	* 40/15
19588 <i>N 5818.4</i>	-Demirli Burnu.	41° 40.8' N 32° 13.8' E	Fl.(2)W. period 6s fl. 0.8s, ec. 0.8s fl. 0.8s, ec. 3.6s	230 70	10	White concrete tower; 33.	AIS (MMSI No 992711023).
*		*				*	* 40/15
19591 <i>N 5818.51</i>	-Kapakli Burnu, N. breakwater.	41° 41.3' N 32° 14.0' E	Fl.W. period 3s fl. 1s, ec. 2s	33 10	10	White metal pylon; 26.	Visible 068°-073°. AIS (MMSI No 992711302).
*			*				* 40/15
19592 <i>N 5818.5</i>	-N. breakwater, head.	41° 41.2' N 32° 13.4' E	Fl.(2)R. period 5s fl. 0.3s, ec. 1s fl. 0.3s, ec. 3.4s	33 10	10	White concrete tower, concrete base; 23.	AIS (MMSI No 992711020).
*		*				*	* 40/15
19596 <i>N 5818.6</i>	-S. breakwater, head.	41° 41.2' N 32° 13.6' E	Fl.(3)G. period 10s fl. 0.6s, ec. 0.6s fl. 0.6s, ec. 0.6s fl. 0.6s, ec. 7s	33 10	8	White concrete tower; 26.	AIS (MMSI No 992711019).
*						*	* 40/15

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19598 <i>N 5818.62</i>	-W. head.	41° 41.1' N 32° 13.5' E	Q.G.	36 11	8	White concrete tower; 26.	AIS (MMSI No 992711022).
*						*	* 40/15
19608 <i>N 5820</i>	-Zonguldak Burun.	41° 27.8' N 31° 47.4' E	FL.W. period 5s fl. 0.5s, ec. 4.5s	173 53	20	White concrete tower, dwelling; 30.	AIS (MMSI No 992711025).
*		*				*	* 40/15
19620 <i>N 5823.6</i>	-W. breakwater, head.	41° 27.4' N 31° 47.0' E	FL.G. period 5s fl. 1s, ec. 4s	52 16	10	Metal framework tower, white concrete base; 33.	AIS (MMSI No 992711027).
*		*				*	* 40/15
19624 <i>N 5823.5</i>	-N. breakwater, head.	41° 27.4' N 31° 46.7' E	FL.R. period 5s fl. 1s, ec. 4s	62 19	10	Metal framework tower, white concrete base; 39.	AIS (MMSI No 992711026).
*		*				*	* 40/15
19632 <i>N 5826</i>	Oluce Burnu.	41° 18.6' N 31° 23.9' E	FL(2)W. period 10s fl. 0.5s, ec. 2s fl. 0.5s, ec. 7s	256 78	15	White stone tower, dwelling; 30.	AIS (MMSI No 992711028).
*		*				*	* 40/15
19640 <i>N 5827</i>	-Old Port, W. breakwater, head.	41° 16.7' N 31° 24.0' E	FL.R. period 3s fl. 0.3s, ec. 2.7s	30 9	8	White concrete tower; 16.	AIS (MMSI No 992711029). Siren: 1 bl. ev. 10s (bl. 2s, si. 8s).
*		*					* 40/15
19644 <i>N 5827.2</i>	-E. breakwater, W. head.	41° 17.0' N 31° 24.6' E	FL.G. period 3s fl. 0.3s, ec. 2.7s	16 5	5	Cylindrical metal tower; 13.	AIS (MMSI No 992711030).
*						*	* 40/15
19648 <i>N 5827.4</i>	--E. head.	41° 16.9' N 31° 24.8' E	FL.R. period 3s fl. 0.3s, ec. 2.7s	16 5	8	Cylindrical metal tower; 13.	AIS (MMSI No 992711031).
*						*	* 40/15
19658.5 <i>N 5829</i>	-Breakwater, head.	41° 05.7' N 31° 07.9' E	FL.R. period 5s fl. 1s, ec. 4s	43 13	10	White concrete tower; 30.	AIS (MMSI No 992711032).
*	*	*	*			*	* 40/15
19660 <i>N 5829.5</i>	Sakarya, W. side of river entrance.	41° 07.6' N 30° 39.2' E	FL.W. period 3s fl. 0.3s, ec. 2.7s	30 9	6	Metal framework tower, white concrete base; 26.	AIS (MMSI No 992711035).
*		*				*	* 40/15
19664 <i>N 5830</i>	Kefken Adasi, near W. extremity.	41° 12.9' N 30° 15.1' E	FL.W. period 10s fl. 1.5s, ec. 8.5s	79 24	14	Observation tower; 33.	AIS (MMSI No 992711068). Horn (2): 2 bl. ev. 20s (bl. 3s, si. 3s, bl. 3s, si. 11s).
	RACON		K(- • -)				
*		*			*	*	* 40/15

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19666 <i>N 5830.7</i>	Asagi Kovanagzi, breakwater, head.	41° 10.8' N 30° 13.7' E	Fl.G. period 5s fl. 1s, ec. 4s	20 6	5	White concrete tower; 16.	AIS (MMSI No 992711069).
*		*					* 40/15
19668 <i>N 5830.4</i>	-W. mole, head.	41° 12.8' N 30° 15.4' E	Fl.R. period 5s fl. 1s, ec. 4s	26 8	5	White metal framework tower; 16.	Visible 177°-125°. AIS (MMSI No 992711066).
*						*	* 40/15
19672 <i>N 5830.2</i>	-E. mole, head.	41° 12.8' N 30° 15.7' E	Fl.G. period 5s fl. 1s, ec. 4s	26 8	5	White concrete tower; 16.	AIS (MMSI No 992711067).
*						*	* 40/15
19676 <i>E 5831</i>	Agva.						<i>Remove from list.</i> * 40/15
19677 <i>N 5831.4</i>	-Shelter, N. breakwater, head.	41° 08.4' N 29° 51.3' E	Fl.R. period 5s fl. 1s, ec. 4s	23 7	3	White concrete tower; 16.	AIS (MMSI No 992711041).
*			*		*	*	* 40/15
19678 <i>N 5831.42</i>	-S. breakwater, head.	41° 08.0' N 29° 51.0' E	Fl.G. period 5s fl. 1s, ec. 4s	23 7	3	White concrete tower; 16.	AIS (MMSI No 992711042).
*			*		*	*	* 40/15
19680 <i>N 5832</i>	Sile Burnu.	41° 10.5' N 29° 37.0' E	Fl.W. period 15s fl. 1.5s, ec. 13.5s	197 60	21	White stone tower, black bands, building; 62.	AIS (MMSI No 992711038).
*		*				*	* 40/15
19684 <i>N 5832.4</i>	Sile Limani, N. mole, head.	41° 10.7' N 29° 35.8' E	Fl.R. period 5s fl. 1s, ec. 4s	43 13	8	White concrete tower; 20.	
*		*	*			*	* 40/15
19692 <i>N 5834</i>	Esek Adasi.	41° 14.0' N 29° 13.6' E	Fl.W. period 5s fl. 1s, ec. 4s	98 30	10	White metal framework tower; 26.	AIS (MMSI No 992711189).
*		*					* 40/15
19876 <i>N 4626</i>	-Izmir, breakwater, N. head.	38° 25.8' N 27° 07.8' E	Fl.G. period 3s fl. 0.5s, ec. 2.5s	23 7	10	White concrete tower; 20.	AIS (MMSI No 992711148).
*							* 40/15
19880 <i>N 4627</i>	---S. head.	38° 25.3' N 27° 07.5' E	Fl.(2)R. period 6s fl. 0.5s, ec. 1s fl. 0.5s, ec. 4s	23 7	10	White concrete tower; 20.	AIS (MMSI No 992711147).
*							* 40/15

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19884 N 4628	- Pier, head.	38° 25.8' N 27° 07.9' E	FL.R. period 3s fl. 0.5s, ec. 2.5s	23 7	5	White concrete tower; 20.	AIS (MMSI No 992711149).
*							* 40/15
20004 N 4664	Kusadasi (T.), Guvercin Adasi, NW. point.	37° 51.8' N 27° 14.8' E	FL.(2)W. period 10s fl. 0.5s, ec. 2s fl. 0.5s, ec. 7s	65 20	8	White concrete tower, dwelling; 39.	AIS (MMSI No 992711188).
*						*	* 40/15
20016 N 4665	Baytak Adasi (T.).	37° 41.5' N 27° 01.0' E	FL.W. period 5s fl. 0.5s, ec. 4.5s	75 23	8	White metal framework tower; 23.	AIS (MMSI No 992711187).
*		*					* 40/15
20156 N 4777	Farmakonisi (Gr.).	37° 16.8' N 27° 05.3' E	FL.(2)W. period 14s fl. 1s, ec. 2s fl. 1s, ec. 10s	388 118	12	White pyramidal structure, gallery; 10.	
*			*			*	40/15
20160 N 4665.8	-Tekagac Burnu.	37° 21.4' N 27° 11.7' E	FL.W. period 15s fl. 1s, ec. 14s	49 15	10	White metal tower; 39.	AIS (MMSI No 992711190).
*		*				*	* 40/15
20162 N 4665.7	-Akbuluk-Panayir Adasi.	37° 19.6' N 27° 19.7' E	FL.(3)W. period 15s fl. 0.5s, ec. 2s fl. 0.5s, ec. 2s fl. 0.5s, ec. 9.5s	115 35	12	White concrete tower; 26.	AIS (MMSI No 992711192).
*		*	*				* 40/15
20165 N 4665.3	-Yilan Ada.	37° 11.9' N 27° 33.0' E	FL.G. period 5s fl. 1s, ec. 4s	46 14	7	White metal framework tower; 26.	AIS (MMSI No 992711291).
*							* 40/15
20166 N 4665.5	-Karaburun Feneri.	37° 13.5' N 27° 31.5' E	FL.R. period 5s fl. 1s, ec. 4s	59 18	5	White metal framework tower; 20.	AIS (MMSI No 992711288).
*							* 40/15
20168 N 4665.6	-Incegol Burnu.	37° 13.8' N 27° 30.3' E	FL.W. period 3s fl. 0.3s, ec. 2.7s	43 13	12	White metal tower; 30.	AIS (MMSI No 992711286).
*						*	* 40/15
20172 N 4665.2	-Kara Ada, NW. point.	37° 10.5' N 27° 21.3' E	FL.W. period 5s fl. 0.5s, ec. 4.5s	56 17	10	White concrete tower; 20.	AIS (MMSI No 992711276).
*		*					* 40/15
20174 N 4665.25	Gundogan, breakwater.	37° 07.6' N 27° 20.7' E	FL.G. period 5s fl. 1s, ec. 4s	33 10	5	White metal framework tower; 16.	AIS (MMSI No 992711283).
*						*	* 40/15

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20175 <i>N 4665.18</i>	-Gemitasi.	37° 09.1' N 27° 15.8' E	Iso.W. period 3s	39 12	7		AIS (MMSI No 992711392).
*							* 40/15
20176 <i>N 4708.5</i>	Buyukkiremit Adasi (T.).	37° 05.2' N 27° 12.6' E	Fl.(2)W. period 10s fl. 0.5s, ec. 2s fl. 0.5s, ec. 7s	292 89	10	White concrete tower; 20.	AIS (MMSI No 992711279).
*		*					* 40/15
20204 <i>N 4708.7</i>	-Catal Ada.	37° 00.6' N 27° 13.4' E	Fl.(4)W. period 20s fl. 0.5s, ec. 2s fl. 0.5s, ec. 2s fl. 0.5s, ec. 2s fl. 0.5s, ec. 12s	157 48	6	White metal framework pylon; 26.	AIS (MMSI No 992711281).
*		*					* 40/15
20205 <i>N 4709</i>	Topan.	37° 00.4' N 27° 10.9' E	Fl.W. period 5s fl. 0.5s, ec. 4.5s	177 54	7	White metal framework tower; 26.	AIS (MMSI No 992711277).
*			*				* 40/15
20208 <i>N 4712</i>	-Fener Burnu.	36° 57.9' N 27° 15.9' E	Fl.(2)W. period 15s fl. 0.5s, ec. 5s fl. 0.5s, ec. 9s	49 15	14	White concrete tower, dwelling; 30.	AIS (MMSI No 992711285).
*			*			*	* 40/15
20212 <i>N 4714</i>	-Kargi Ada, on islet.	36° 57.1' N 27° 18.4' E	Fl.W. period 5s fl. 0.5s, ec. 4.5s	108 33	8	White metal framework pylon; 26.	AIS (MMSI No 992711290).
*		*					* 40/15
20216 <i>N 4730</i>	-Bodrum, W. breakwater.	37° 01.9' N 27° 25.5' E	Fl.R. period 5s fl. 0.5s, ec. 4.5s	26 8	8	White concrete tower, dwelling; 23.	AIS (MMSI No 992711278).
*		*					* 40/15
20220 <i>N 4730.4</i>	-E. breakwater, head.	37° 01.9' N 27° 25.5' E	Fl.G. period 5s fl. 0.5s, ec. 4.5s	26 8	8	White concrete tower; 20.	AIS (MMSI No 992711282).
*		*				*	* 40/15
20222 <i>N 4729</i>	-Haremten.	37° 00.9' N 27° 24.9' E	Q.(6)+L.Fl.W. period 15s	20 6	6	S. CARDINAL YB, pile, topmark; 13.	AIS (MMSI No 992711284).
*							* 40/15
20224 <i>N 4728</i>	-Kara Ada, Karaada Feneri.	36° 59.8' N 27° 25.5' E	Fl.(2)W. period 5s fl. 0.3s, ec. 1s fl. 0.3s, ec. 3.4s	23 7	5	White metal tower; 26.	AIS (MMSI No 992711287).
*							* 40/15
20228 <i>N 4731.2</i>	Orak Adasi.	36° 58.1' N 27° 36.1' E	Fl.W. period 10s fl. 1s, ec. 9s	56 17	7	White framework tower; 20.	AIS (MMSI No 992711289).
*						*	* 40/15

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20232 N 4731.4	-Sehir Adalari, Orta Ada.	36° 59.9' N 28° 12.3' E	Fl.W.R. period 10s fl. 0.5s, ec. 9.5s	49 15	W. 9 R. 6	White metal framework tower; 33.	R. 024°-056°, W.-024°. AIS (MMSI No 992711273).
*		*					* 40/15
20234 N 4731.5	-Kara Adasi.	36° 56.7' N 28° 09.3' E	Fl.W. period 6s fl. 1s, ec. 5s	102 31	10	White metal tower, black bands; 23.	AIS (MMSI No 992711272).
*							* 40/15
20236 N 4731.6	-Koyun Burnu.	36° 55.5' N 28° 01.2' E	Fl.(3)W. period 10s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 5.5s	43 13	7	White metal framework tower; 26.	AIS (MMSI No 992711275).
*		*					* 40/15
20238 N 4731.65	-Mersincik Burnu.	36° 50.1' N 28° 00.2' E	Fl.W.R. period 3s fl. 0.3s, ec. 2.7s	98 30	W. 7 R. 5	White framework tower; 16.	W. 270°-154°, R.-270°. AIS (MMSI No 992711294).
*							* 40/15
20240 N 4731.7	-Ince Burnu.	36° 48.8' N 27° 38.5' E	Fl.(2)W. period 5s fl. 0.2s, ec. 1.2s fl. 0.2s, ec. 3.4s	157 48	10	White metal framework pylon; 26.	AIS (MMSI No 992711274).
*		*	*	*	*	*	* 40/15
20400 N 4742.5	-Rodhos AVIATION LIGHT.	36° 24.3' N 28° 05.3' E	Al.Fl.W.G. period 6s			Control tower.	
*	*	*		*	*	*	40/15
20452 N 4732	Deveboynu Burnu.	36° 41.2' N 27° 21.8' E	Fl.(2)W. period 10s fl. 0.5s, ec. 2s fl. 0.5s, ec. 7s	340 104	12	White concrete tower, dwelling; 30.	Visible 315°-183°. AIS (MMSI No 992711292).
	RACON		V(•••-)		20		(3 & 10cm).
*		*	*		*	*	* 40/15
20456 N 4732.5	Ince Burun.	36° 39.5' N 27° 40.8' E	Fl.(3)W. period 15s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 10.5s	46 14	8	White concrete tower; 26.	AIS (MMSI No 992711293).
*		*					* 40/15
20460 N 4733	Uzunca Adasi.	36° 43.5' N 27° 42.9' E	Fl.W. period 3s fl. 0.3s, ec. 2.7s	34 10	3	White concrete tower; 16.	AIS (MMSI No 992711248).
*		*					* 40/15
20490 E 4733.4	Atabol Kayasi.						Remove from list.
							* 40/15

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(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
20492 <i>N 4737</i>	Karaburun.	36° 33.2' N 27° 58.7' E	Fl.(2)W. period 10s fl. 0.5s, ec. 2s fl. 0.5s, ec. 7s	118 36	10	White metal framework tower; 20.	AIS (MMSI No 992711251).
*		*					* 40/15
20496 <i>N 5836</i>	Kadirga Burnu, near extremity.	36° 43.8' N 28° 18.1' E	Fl.(3)W. period 15s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 10.5s	128 39	12	White metal column, dwelling; 39.	AIS (MMSI No 992711267).
*		*				*	* 40/15
20500 <i>N 5838</i>	Kec Adasi, S. point of islet.	36° 47.9' N 28° 15.6' E	Fl.W. period 2s fl. 0.2s, ec. 1.8s	98 30	7	White metal column, dwelling; 39.	AIS (MMSI No 992711269).
*						*	* 40/15
20504 <i>N 5838.4</i>	Yilancik Adasi.	36° 46.3' N 28° 26.3' E	Fl.W.R. period 5s fl. 1s, ec. 4s	335 102	W. 10 R. 7	White metal framework tower; 23.	W. 098°-086°, R.-098°. AIS (MMSI No 992711271).
*		*	*				* 40/15
20508 <i>N 5838.6</i>	Bugluca.	36° 50.2' N 28° 27.1' E	Fl.G. period 3s fl. 0.5s, ec. 2.5s	220 67	6	White metal framework tower; 33.	AIS (MMSI No 992711268).
*		*				*	* 40/15
20512 <i>N 5839.4</i>	Karacay.	36° 49.3' N 28° 33.0' E	Fl.W. period 5s fl. 0.5s, ec. 4.5s	131 40	5	White metal framework tower; 23.	AIS (MMSI No 992711265).
*		*				*	* 40/15
20516 <i>N 5839</i>	Dalyan, on the islet.	36° 47.7' N 28° 35.8' E	Fl.(2)W. period 5s fl. 0.3s, ec. 1s fl. 0.3s, ec. 3.4s	115 35	8	White metal tower; 20.	AIS (MMSI No 992711250).
*		*				*	* 40/15
20520 <i>N 5839.45</i>	Baba Adasi, on islet.	36° 41.6' N 28° 41.7' E	Fl.(2)W. period 5s fl. 0.3s, ec. 1s fl. 0.3s, ec. 3.4s	190 58	9	White metal framework pylon; 26.	AIS (MMSI No 992711264).
*							* 40/15
20528 <i>N 5844.2</i>	Ilbiz Burnu.	36° 32.6' N 29° 00.5' E	Fl.(2)W. period 5s fl. 0.3s, ec. 1s fl. 0.3s, ec. 3.4s	75 23	10	White metal framework pylon; 26.	AIS (MMSI No 992711257).
*		*				*	* 40/15
20529 <i>N 5844.22</i>	-Gemiler Adasi.	36° 33.2' N 29° 04.1' E	Fl.W.R. period 4s fl. 1s, ec. 3s	318 97	10	Reinforced concrete brick structure; 13.	W. 117°-016°, R.-100°. AIS (MMSI No 992711259).
*			*			*	* 40/15

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20532 <i>N 5839.5</i>	Peksimet Adasi.	36° 34.0' N 28° 49.5' E	Fl.W. period 10s fl. 1s, ec. 9s	115 35	12	Metal framework tower; 26.	AIS (MMSI No 992711262).
*						*	* 40/15
20536 <i>N 5841</i>	-Kizil Adalar.	36° 39.2' N 29° 02.6' E	Fl.W. period 5s fl. 0.5s, ec. 4.5s	105 32	15	White concrete tower, dwelling; 43.	AIS (MMSI No 992711247).
	-RACON		O(- - -)		20		(3 & 10cm).
*		*			*	*	* 40/15
20538 <i>N 5843.5</i>	-Pacariz Burnu.	36° 38.5' N 29° 06.1' E	Fl.G. period 3s fl. 0.3s, ec. 2.7s	46 14	4	White hexagonal concrete tower, green top; 26.	AIS (MMSI No 992711261).
*						*	* 40/15
20540 <i>N 5842</i>	-Megri Adasi, S. point.	36° 38.8' N 29° 05.9' E	Fl.R. period 3s fl. 0.3s, ec. 2.7s	56 17	3	White metal column; 20.	AIS (MMSI No 992711253).
*		*					* 40/15
20552 <i>N 5840</i>	-Gocek Adasi (Kizlan Ada).	36° 43.6' N 28° 57.0' E	Fl.(2)W. period 10s fl. 0.4s, ec. 1.6s fl. 0.4s, ec. 7.6s	39 12	8	White metal framework tower; 20.	AIS (MMSI No 992711254).
*		*	*			*	* 40/15
20556 <i>N 5840.4</i>	-Gocek Limani, 1,152 meters 255°30' from pier.	36° 44.9' N 28° 55.7' E	Fl.W.R. period 3s fl. 0.3s, ec. 2.7s	49 15	W. 7 R. 4	White metal framework tower; 20.	W. 314°-326°, R.-314°. AIS (MMSI No 992711256).
*		*					* 40/15
20560 <i>N 5844.4</i>	Kutuburun.	36° 23.3' N 29° 06.2' E	Fl.(2)W. period 10s fl. 0.5s, ec. 2s fl. 0.5s, ec. 7s	92 28	12	White metal framework tower; 20.	AIS (MMSI No 992711263).
*		*				*	* 40/15
20563 <i>E 5844.9</i>	Eden AVIATION LIGHT.						<i>Remove from list.</i>
							* 40/15
20564 <i>N 5844.6</i>	Catal Adasi, SW. point.	36° 12.6' N 29° 20.8' E	Fl.W. period 5s fl. 0.5s, ec. 4.5s	249 76	9	White metal framework tower; 20.	AIS (MMSI No 992711206).
*		*	*				* 40/15
20565 <i>N 5844.8</i>	Kalkan Limani, S. breakwater.	36° 15.7' N 29° 24.9' E	Fl.R. period 5s fl. 1s, ec. 4s	33 10	5	Concrete tower; 23.	AIS (MMSI No 992711207).
*						*	* 40/15
20566 <i>N 5844.83</i>	-Entrance, W. side.	36° 15.8' N 29° 24.9' E	Fl.G. period 5s fl. 1s, ec. 4s	33 10	5	White concrete tower; 23.	AIS (MMSI No 992711208).
*						*	* 40/15

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20568 <i>N 5847.6</i>	Bucak Roads, Kas Mevkil.	36° 12.4' N 29° 37.0' E	Fl.(2)W.R.G. period 10s fl. 0.5s, ec. 2s fl. 0.5s, ec. 7s	52 16	W. 5 R. 4 G. 4	Galvanized sheet iron tower; 33.	G. 297°-065°, W.-071°, R.-093°. AIS (MMSI No 992711213).
*		*					* 40/15
20580 <i>N 5847</i>	Bayindir Limani, Kas.	36° 11.0' N 29° 38.5' E	Fl.W. period 3s fl. 0.3s, ec. 2.7s	33 10	5	White metal framework tower; 20.	AIS (MMSI No 992711205).
*		*					* 40/15
20581 <i>E 5846.5</i>	-AVIATION LIGHT.						<i>Remove from list.</i> * 40/15
20588 <i>N 5848.4</i>	Kekova Olu Deniz.	36° 10.8' N 29° 49.8' E	Fl.W.G. period 3s fl. 0.3s, ec. 2.7s	85 26	W. 7 G. 4	White metal framework tower; 20.	W. 355°-358°, G.-355°. AIS (MMSI No 992711211).
*							* 40/15
20592 <i>N 5848.2</i>	Kekova Adasi, SW. point.	36° 10.2' N 29° 50.6' E	Fl.(2)W. period 5s fl. 0.3s, ec. 1s fl. 0.3s, ec. 3.4s	180 55	8	Framework tower; 33.	AIS (MMSI No 992711212).
*		*				*	* 40/15
20596 <i>N 5848.5</i>	-E. point.	36° 11.8' N 29° 54.8' E	Fl.W. period 5s fl. 0.5s, ec. 4.5s	115 35	9	White metal framework tower; 20.	AIS (MMSI No 992711210).
*							* 40/15
20604 <i>N 5849</i>	-Finike.	36° 16.8' N 30° 09.0' E	Fl.(2)W. period 7s fl. 1s, ec. 1s fl. 1s, ec. 4s	98 30	12	White round metal tower, black bands; 20.	AIS (MMSI No 992711201).
*		*					* 40/15
20608 <i>N 5849.4</i>	-E. breakwater, head.	36° 17.7' N 30° 09.1' E	Fl.R. period 5s fl. 0.4s, ec. 4.6s	42 13	6	White concrete tower; 43.	AIS (MMSI No 992711202).
*		*	*			*	* 40/15
20612 <i>N 5849.6</i>	-W. breakwater, head.	36° 17.7' N 30° 09.0' E	Fl.G. period 3s fl. 0.3s, ec. 2.7s	43 13	6	White concrete tower; 43.	AIS (MMSI No 992711203).
*		*					* 40/15
20616 <i>N 5850</i>	-Gelibonya Burnu.	36° 12.6' N 30° 26.3' E	Fl.(3)W. period 10s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 5.5s	744 227	15	White concrete tower, dwelling; 30.	AIS (MMSI No 992711218).
*		*					* 40/15
20620 <i>N 5852</i>	-Yardamci, cape, outer head.	36° 12.7' N 30° 24.2' E	Fl.R. period 5s fl. 0.5s, ec. 4.5s	118 36	8	White metal framework tower; 16.	AIS (MMSI No 992711217).
*							* 40/15

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20624 <i>N 5854</i>	Adrasan Limani, S. side of entrance.	36° 17.9' N 30° 29.2' E	Mo.(A)W. period 15s fl. 0.5s, ec. 1.5s fl. 2s, ec. 11s	147 45	8	White metal framework tower; 33.	AIS (MMSI No 992711216).
*		*	*			*	* 40/15
20628 <i>N 5854.4</i>	Av Burnu.	36° 35.7' N 30° 35.3' E	Fl.W. period 10s fl. 1s, ec. 9s	460 140	12	Metal framework tower; 20.	AIS (MMSI No 992711214).
*		*					* 40/15
20630 <i>N 5854.8</i>	-Kemer Harbor, N. rock..	36° 36.7' N 30° 34.5' E	Fl.(2)W. period 10s fl. 0.5s, ec. 2s fl. 0.5s, ec. 7s	23 7	8	Framework tower, concrete platform; 16.	AIS (MMSI No 992711215).
*						*	* 40/15
20632 <i>N 5855</i>	Antalya (New Harbor), main breakwater.	36° 50.0' N 30° 37.0' E	Fl.R. period 3s fl. 0.3s, ec. 2.7s	39 12	6	White metal tower; 33.	AIS (MMSI No 992711221).
*							* 40/15
20636 <i>N 5855.4</i>	-Lee breakwater.	36° 50.1' N 30° 36.8' E	Fl.G. period 3s fl. 0.3s, ec. 2.7s	46 14	6	White concrete tower; 33.	AIS (MMSI No 992711222).
*		*				*	* 40/15
20640 <i>N 5857</i>	Antalya, N. mole.	36° 53.1' N 30° 42.1' E	Fl.R. period 3s fl. 0.4s, ec. 2.6s	23 7	4	White metal tower; 16.	AIS (MMSI No 992711220).
*							* 40/15
20644 <i>N 5856</i>	-S. mole.	36° 53.0' N 30° 42.1' E	Fl.G. period 3s fl. 0.4s, ec. 2.6s	23 7	4	White metal tower; 16.	AIS (MMSI No 992711219).
*		*					* 40/15
20648 <i>N 5858</i>	Baba Burnu.	36° 50.7' N 30° 45.5' E	Fl.W. period 5s fl. 0.5s, ec. 4.5s	114 35	14	White stone tower, dwelling; 20.	AIS (MMSI No 992711223).
*							* 40/15
20652 <i>N 5859</i>	Selimiye, on extremity of point.	36° 45.8' N 31° 23.3' E	Fl.W. period 3s fl. 0.3s, ec. 2.7s	46 14	9	Metal tower; 39.	AIS (MMSI No 992711224).
*		*					* 40/15
20656 <i>N 5860</i>	Alanya.	36° 31.8' N 31° 59.5' E	Fl.W. period 20s fl. 0.2s, ec. 19.8s	686 209	20	White stone tower, dwelling; 20.	Visible 249°-108°. AIS (MMSI No 992711200).
*		*					* 40/15
20660 <i>N 5861</i>	Selinti Burnu.	36° 14.1' N 32° 17.7' E	Fl.W. period 3s fl. 0.3s, ec. 2.7s	108 33	8	White metal framework pylon; 26.	AIS (MMSI No 992711204).
*		*				*	* 40/15

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20664 <i>N 5862</i>	Anamur Burnu.	36° 01.0' N 32° 48.2' E	Fl.(2)W. period 5s fl. 0.3s, ec. 1s fl. 0.3s, ec. 3.4s	223 68	15	White stone tower, dwelling; 33.	AIS (MMSI No 992711233).
*		*				*	* 40/15
20668 <i>N 5866</i>	Soguksu Limani, Aydincik, E. side of entrance.	36° 08.6' N 33° 19.4' E	Fl.W. period 5s fl. 1s, ec. 4s	75 23	9	White metal framework tower; 13.	AIS (MMSI No 992711235).
*		*	*		*	*	* 40/15
20668.1 <i>N 5866.2</i>	Sancak Burnu.	36° 07.5' N 33° 23.6' E	Fl.(3)W. period 10s	39 12	10		AIS (MMSI No 992711353).
*							* 40/15
20670 <i>N 5867</i>	Ovacik Yarimadasi.	36° 08.0' N 33° 40.9' E	Fl.(2)W. period 5s fl. 0.5s, ec. 1s fl. 0.5s, ec. 3s	141 43	18	White metal column; 33.	AIS (MMSI No 992711246).
*							* 40/15
20708 <i>N 5872</i>	-Mersin.	36° 47.1' N 34° 37.1' E	Fl.(3)W. period 10s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 5.5s	46 14	15	White stone tower, dwelling; 39.	AIS (MMSI No 992711244).
*						*	* 40/15
20712 <i>N 5872.2</i>	-S. breakwater, head.	36° 47.1' N 34° 38.5' E	Fl.R. period 3s fl. 1s, ec. 2s	30 9	10	White concrete tower; 16.	AIS (MMSI No 992711236).
*							* 40/15
20720 <i>N 5873</i>	-N. breakwater, head.	36° 47.2' N 34° 38.6' E	Fl.G. period 3s fl. 1s, ec. 2s	30 9	10	White concrete tower; 16.	F.R. on silos 1 mile NNE. AIS (MMSI No 992711237).
*		*	*				* 40/15
20756 <i>N 5874</i>	Fener Burnu.	36° 32.4' N 35° 20.4' E	Fl.W. period 10s fl. 1s, ec. 9s	124 38	20	White concrete tower, dwelling; 39.	AIS (MMSI No 992711194).
*						*	* 40/15
20760 <i>N 5874.4</i>	Karatas, main breakwater, head.	36° 33.4' N 35° 23.0' E	Fl.R. period 5s fl. 1s, ec. 4s	33 10	8	White concrete tower; 16.	AIS (MMSI No 992711196).
*							* 40/15
20764 <i>N 5874.5</i>	-Small breakwater, head.	36° 33.5' N 35° 23.0' E	Fl.G. period 5s fl. 1s, ec. 4s	30 9	7	White concrete tower; 16.	AIS (MMSI No 992711193).
*							* 40/15
20768 <i>N 5875</i>	Yumurtalik.	36° 46.7' N 35° 48.0' E	Fl.(2)W. period 10s fl. 0.5s, ec. 2s fl. 0.5s, ec. 7s	98 30	10	White metal framework tower; 33.	AIS (MMSI No 992711197).
*		*					* 40/15

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20772 N 5875.2	-Breakwater, head.	36° 46.0' N 35° 47.7' E	FL.R. period 5s fl. 1s, ec. 4s	26 8	5	White metal framework tower; 20.	AIS (MMSI No 992711198).
*							* 40/15
20776 N 5875.5	-Devegecegi.	36° 43.0' N 35° 42.9' E	FL.W. period 3s fl. 0.3s, ec. 2.7s	23 7	7	White metal framework tower; 20.	AIS (MMSI No 992711199).
	-RACON		Y(- • - -)				(3 & 10cm).
*					*		* 40/15
20786 N 5911	Kamisli Burun, jetty, head.	36° 51.0' N 35° 55.9' E	Mo.(U)R. period 16s	43 13	5		AIS (MMSI No 992711408).
*							* 40/15
20813 N 5914	-S. Mole.	36° 43.4' N 36° 11.0' E	FIG. period 3s fl. 0.3s, ec. 2.7s	33 10	10	White concrete tower; 20.	AIS (MMSI No 992711227).
*							* 40/15
20813.5 N 5914.4	-N. Mole.	36° 43.6' N 36° 11.2' E	FL.R. period 3s fl. 0.3s, ec. 2.7s	33 10	9	White concrete tower; 26.	AIS (MMSI No 992711226).
*		*					* 40/15
20813.9 N 5914.67	-Yazici, jetty, head.	36° 40.8' N 36° 11.7' E	FL(3)G. period 6.1s fl. 0.4s, ec. 1s fl. 0.4s, ec. 1s fl. 0.4s, ec. 2.9s	33 10	3	Green framework tower, three white bands; 23.	
*			*				40/15
20816 N 5916	-Roadstead, W. point.	36° 32.3' N 36° 03.1' E	FL.W. period 3s fl. 1s, ec. 2s	148 45	20	White concrete tower; 33.	Visible 044°-234°. AIS (MMSI No 992711231).
*			*				* 40/15
20820 N 5915	-Iskenderun Limani, W. breakwater, head.	36° 36.2' N 36° 11.2' E	Oc.G. period 3s lt. 2s, ec. 1s	43 13	6	White concrete tower; 33.	AIS (MMSI No 992711230).
*		*					* 40/15
20822 N 5915.1	-E. breakwater, head.	36° 36.0' N 36° 11.3' E	FL(2)R. period 5s fl. 1s, ec. 1s fl. 1s, ec. 2s	46 14	3	White metal mast; 39.	AIS (MMSI No 992711232).
*							* 40/15
20825 N 5915.4	-Fishing Harbor, N. breakwater.	36° 35.7' N 36° 10.7' E	FIG. period 3s fl. 0.5s, ec. 2.5s	26 8	3	White concrete tower; 16.	AIS (MMSI No 992711229).
*							* 40/15
20826 N 5915.5	-S. breakwater.	36° 35.7' N 36° 10.7' E	FL.R. period 3s fl. 0.5s, ec. 2.5s	26 8	3	Concrete tower; 20.	AIS (MMSI No 992711228).
*		*					* 40/15

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SECTION II

CORRECTIONS TO PUB 113, LIST OF LIGHTS, 2015 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
20832 <i>N 5917</i>	Resulhinzir.	36° 19.2' N 35° 46.9' E	Fl.(2)W. period 5s fl. 0.3s, ec. 1s fl. 0.3s, ec. 3.4s	357 109	22	White tower, building; 16.	AIS (MMSI No 992711225).
*							* 40/15
20876 <i>N 5880</i>	Limassol, NW. corner of S. quay.	34° 40.1' N 33° 02.5' E	Fl.G. period 3s fl. 0.3s, ec. 2.7s		3		
*				*	*	*	40/15
20880 <i>N 5880.2</i>	-W. breakwater, head.	34° 40.2' N 33° 02.5' E	Fl.R. period 3s		3		
*		*		*	*	*	40/15
20971 <i>N 5901.6</i>	Kyrenia.	35° 20.4' N 33° 19.8' E	Fl.(3)W. period 20s fl. 0.5s, ec. 2.5s fl. 0.5s, ec. 2.5s fl. 0.5s, ec. 13.5s	59 18	20	White metal framework structure; 23.	
*			*			*	40/15
21104 <i>N 5933.3</i>	-Naval basin, jetty, head.	33° 59.2' N 35° 37.6' E	Fl.G. period 3s fl. 0.4s, ec. 2.6s	33 10	8	White pylon, black bands.	
*		*	*			*	40/15
21132 <i>N 5938</i>	- -AVIATION LIGHT.	33° 49.4' N 35° 29.3' E	Al.Fl.W.G. period 4s	138 42	17	Control tower.	
*		*	*				40/15
21284 <i>N 5980</i>	-Entrance Range, front.	31° 15.0' N 32° 18.2' E	F.R.	118 36	6	Gray metal framework tower, triangular daymark point up; 131.	Visible 207°-229°.
*	*		Aero F.R.			*	40/15
21288 <i>N 5980.1</i>	- -Rear, 1100 meters 217°40' from front.	31° 14.5' N 32° 17.8' E	Oc.(2)R. period 10s lt. 1.5s, ec. 1s lt. 6.5s, ec. 1s	151 46	7	Gray metal framework tower, round daymark; 177.	Visible 207°-229°.
*	*		Aero F.R.			*	40/15
21292.5 <i>N 5978.6</i>	-El Bahar Tower.	31° 18.1' N 32° 21.6' E	Iso.W. period 2s	138 42	15	White framework tower, red bands; 138.	Horn: 1 bl. ev. 2s.
*	*		*			*	40/15
25196 <i>D 4234</i>	- -Punta de San Jose Range, front.	0° 21.4' N 6° 43.5' E	Fl.G. period 4s fl. 1.5s, ec. 2.5s	30 9	6	White square tower, red bands; 16.	
		*	*			*	40/15

Note: Asterisks (*) indicate that column(s) in which a correction has been made or new information added.
Denotes a new entry when preceding the station number.

SECTION II

CORRECTIONS TO PUB 113, LIST OF LIGHTS, 2015 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
25200 <i>D 4234.1</i>	--Rear, about 80 meters from front.	285° 0° 21.4' N 6° 43.6' E	FIG. period 4s fl. 1.5s, ec. 2.5s	30 9	6	White square tower, red bands; 16.	
		*	*			*	40/15

Note: Asterisks (*) indicate that column(s) in which a correction has been made or new information added. Denotes a new entry when preceding the station number.

SECTION II

NM 40/15

PUBLICATIONS AFFECTED BY NOTICE TO MARINERS
THROUGH NM 40/15

Note: * indicates New Edition/New Publication; ** indicates Publication Canceled; N indicates Not For Sale

Publication	Ed.	Notice to Mariners No.	Publication	Ed.	Notice to Mariners No.	Publication	Ed.	Notice to Mariners No.
NGA/DLIS CATALOGS CATCDNMCI			PUB 181	2014	36/14*;36/15	COAST PILOT 7	47	52/14*;2,5,7,8,11,12,13,15,16,18,20,31,35/15
Region 1	2015	19*,20,21,22,23,24,26,27,30,33,34,35,36,37,38,39,40/15	PUB 182	2015	36/15	COAST PILOT 8	37	25*,38/15
Region 2	2015	19*,21,22,30,40/15	PUB 183	2014	44/14*;20/15	COAST PILOT 9	33	33*,35,38/15
Region 3	2015	19/15*	PUB 191	2014	45/14*;18/15	RADIO NAVIGATIONAL AIDS		
Region 4	2015	19*,30,34/15	PUB 192	2014	32*,49/14	PUB 117	2014	51/14*
Region 5	2015	19*,22,25,30,31,38/15	PUB 193	2014	33/14*;1,24/15	AMERICAN PRACTICAL NAVIGATOR		
Region 6	2015	19*,21,22,25,27,30,35,38/15	PUB 194	2014	42/14*;9,28/15	PUB 9	2002	36/02*;14,38/03;40/05
Region 7	2015	19*,30,31/15	PUB 195	2014	46/14*;13/15	INTERNATIONAL CODE OF SIGNALS		
Region 8	2015	19/15*	PUB 200	2014	2/15*	PUB 102	2003	20/03*
Region 9	2015	19*,20,21,22,30,33,37/15	USCG LIGHT LIST VOLUMES I - VII			WORLD PORT INDEX		
Miscellaneous Charts and Publications	2015	19*,20,21,23,24,25,26,28,31,32,33,34,35,36,37,38,40/15	VOLUME I	2015	17*,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40/15	PUB 150	2015	51/14*
NGA LIST OF LIGHTS			VOLUME II	2015	17*,18,19,20,21,22,23,24,25,26,27,28,30,31,32,33,34,35,36,37,38,39,40/15	DISTANCES BETWEEN PORTS		
PUB 110	2015	17*,19,22,28,33,40/15	VOLUME III	2015	17*,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40/15	PUB 151	2001	4/02*
PUB 111	2015	23*,25,26,27,28,30/15	VOLUME IV	2015	18*,19,20,21,22,23,24,25,26,27,28,29,30,31,32,34,35,36,37,38,39,40/15	RADAR NAVIGATION AND MANEUVERING BOARD MANUAL		
PUB 112	2014	46*,48,49,50,51,52/14;1,4,6,7,8,9,10,11,12,13,14,15,16,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,39,40/15	VOLUME V	2015	17/15*	PUB 1310	2001	51/01*
PUB 113	2015	38*,39,40/15	VOLUME VI	2015	18*,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,36,37,38,39,40/15	SIGHT REDUCTION TABLES (MARINE)		
PUB 114	2015	28/15*	VOLUME VII	2015	17*,19,20,21,23,25,26,27,28,30,32,33,34,35,36,37,38,39,40/15	PUB 229 VOL. 1	1970	11/71*
PUB 115	2014	36*,45,48,52/14;1,2,14,23,25,26,27,28/15	DIGITAL PUBS - QUARTERLY			PUB 229 VOL. 2	1970	11/71*
PUB 116	2015	31*,36,37,38/15	DIGITAL PUBS - QUARTERLY	2015	N3/15	PUB 229 VOL. 3	1970	7/71*
SAILING DIRECTIONS			FLEET GUIDES			PUB 229 VOL. 4	1970	3/71*
PUB 120	2015	8*,16,24/15	PUB 940	2015	N6/15*	PUB 229 VOL. 5	1970	3/71*
PUB 123	2014	36/14*;7,26/15	PUB 941	2015	N6*,N13,N31/15	PUB 229 VOL. 6	1970	23/70*
PUB 124	2014	34/14*;11/15	NOS MISCELLANEOUS PUBLICATIONS			SIGHT REDUCTION TABLES (AIR)		
PUB 125	2014	39*,49/14;14,31/15	CATALOG A	2012	22/12*	PUB 249 VOL. 1	2007	38/07*
PUB 126	2014	32/14*	CATALOG G	2012	18/12*	PUB 249 VOL. 2	1952	46/52*
PUB 127	2014	33/14*;8/15	CATALOG K	2012	34/12*	PUB 249 VOL. 3	1952	46/52*
PUB 131	2014	41/14*;25/15	CATALOG L	2012	27/12*	CHART NO. 1		
PUB 132	2014	48/14*;38/15	CATALOG P	2012	32/12*	CHART NO. 1	2013	25/13*;49/14
PUB 140	2015	4*,20/15	ALMANACS			CHART NO. 4		
PUB 141	2014	13/14*	AIR ALMANAC	2016	38/15*	CHART NO. 4	1988	N23/91*
PUB 142	2013	7/13*	NAUTICAL ALMANAC	2016	24/15*	ATLAS OF PILOT CHARTS		
PUB 143	2014	45/14*;17/15	COAST PILOT			PUB 106	2002	42/03*
PUB 145	2014	42/14*;8/15	COAST PILOT 1	45	16*,22,24,34,35/15	PUB 107	1998	30/99*
PUB 146	2014	43/14*;12/15	COAST PILOT 2	44	43*,50/14;6,7,13,32,33,35,38/15	PUB 109	2001	49/02*
PUB 147	2015	5/15*	COAST PILOT 3	48	5*,18,20,22,31,38/15	USCG NAVIGATION RULES AND REGULATIONS		
PUB 148	2014	52/14*	COAST PILOT 4	47	38/15*	NOS TIDE TABLES		
PUB 153	2014	50/14*;26/15	COAST PILOT 5	43	21*,23,31,35,37/15	EAST PACIFIC	2015	N52/14*
PUB 154	2014	38/14*;16/15	COAST PILOT 6	45	9*,21,22,26,27,31,33,40/15	EUROPE/WEST AFRICA	2015	N52/14*
PUB 155	2014	33/14*;11,34/15	COAST PILOT 7			WEST ATLANTIC	2015	N52/14*
PUB 157	2014	37*,49/14;4,14/15	COAST PILOT 8			W PACIFIC/INDIAN OCEAN	2015	N52/14*
PUB 158	2014	43/14*;14/15	COAST PILOT 9			TIDAL CURRENT TABLES		
PUB 159	2015	32/15*	COAST PILOT 10			ATLANTIC	2015	N52/14*
PUB 160	2014	36*,46/14;13,18,27/15	COAST PILOT 11			PACIFIC	2015	N52/14*
PUB 161	2014	48/14*	COAST PILOT 12					
PUB 162	2014	34/14*;8/15	COAST PILOT 13					
PUB 163	2015	7/15*	COAST PILOT 14					
PUB 164	2015	18/15*	COAST PILOT 15					
PUB 171	2015	21/15*	COAST PILOT 16					
PUB 172	2014	33*,49/14;19,40/15	COAST PILOT 17					
PUB 173	2014	48/14*;13/15	COAST PILOT 18					
PUB 174	2014	49/14*	COAST PILOT 19					
PUB 175	2014	38/14*	COAST PILOT 20					
PUB 180	2014	38/14*;1/15	COAST PILOT 21					

BROADCAST WARNINGS

Details concerning the particulars of the broadcasting of radio navigational warnings may be found in Radio Navigational Aids, Pub. 117.

NAVAREA IV

Messages in force 231600Z September 2015:

2012 series	407(14)	321(28)	543(26,28)	633(26,28)	775(GEN)
286(GEN)	408(14)	364(24)	545(28)	672(28)	777(24)
610(GEN)	409(14)	423(24,26)	561(11,27,28)	712(24)	779(28)
2013 series	836(28)	443(38)	564(14)	713(24)	783(28)
286(24)	864(24)	445(28)	571(14)	714(11,27,28)	784(28)
640(28)	870(24)	446(28)	573(24)	718(GEN)	786(11)
2014 series	1079(24)	464(15)	574(24)	719(24)	787(15)
104(28)	2015 series	524(27,28)	604(25)	737(28)	788(GEN)
116(28)	56(24)	533(14)	622(28)	760(24)	791(GEN)
157(28)	259(11)	542(24,25,26)	623(28)	771(24)	

The summary of all NAVAREA IV messages in force as of 17 December 2014 is given in Section III of NM 52/14. Warnings issued during the subsequent quarters are issued in NM 13/15, 26/15 and 39/15.

NAVAREA IV WARNINGS issued from 161300Z to 231600Z September 2015.

768/15 thru 770/15. CANCELED.

771/15(24).

WESTERN NORTH ATLANTIC.
TRINIDAD AND TOBAGO.

1. UNDERWATER OPERATIONS 21 SEP THRU 21 NOV
BY M/V DA VINCI IN AREA BOUND BY
09-58.09N 060-37.58W, 09-51.96N 060-28.60W,
10-05.71N 060-15.96W, 10-09.53N 060-19.22W,
10-26.07N 060-25.70W.
WIDE BERTH REQUESTED.
2. CANCEL NAVAREA IV 716/15.
3. CANCEL THIS MSG 22 NOV 15.

(180939Z SEP 2015)

772/15 thru 774/15. CANCELED.

775/15(GEN).

1. NAVAREA IV WARNINGS IN FORCE 200800Z SEP 15.
2012 SERIES: 286(GEN), 610(GEN).
2013 SERIES: 286(24), 640(28).
2014 SERIES: 104(28), 116(28), 157(28), 407(14),
408(14), 409(14), 836(28), 864(24), 870(24), 1079(24).
2015 SERIES: 56(24), 259(11), 321(28), 364(24),
423(24,26), 443(38), 445(28), 446(28), 464(15),
524(27,28), 533(14), 542(24,25,26), 543(26,28),
545(28), 561(11,27,28), 564(14), 571(14), 573(24),
574(24), 604(25), 622(28), 623(28), 633(26,28),
670(28), 672(28), 674(28), 712(24), 713(24),
714(11,27,28), 718(GEN), 719(24), 737(28), 750(28),
751(28), 752(28), 760(24), 765(11), 771(24), 774(GEN).
2. THE SUMMARY OF ALL NAVAREA IV WARNINGS IN FORCE
AS OF 17 DEC 2014 IS GIVEN IN SEC III OF NM 52/14.
WARNINGS ISSUED DURING THE SUBSEQUENT QUARTERS
ARE SUMMARIZED IN NM 13/15, 26/15 AND 39/15.
3. CANCEL NAVAREA IV 762/15.

(200810Z SEP 2015)

776/15. CANCELED.

777/15(24).

WESTERN NORTH ATLANTIC.
TRINIDAD-EAST COAST.

1. SURVEY OPERATIONS 24 SEP THRU 03 OCT BY
M/V SIEM SPEARFISH:
A. IN AREA BOUND BY
10-42.44N 060-35.25W, 10-42.93N 060-34.96W,
10-44.91N 060-34.90W, 10-42.14N 060-37.22W.
B. ALONG TRACKLINE BETWEEN
10-42.91N 060-35.02W AND 10-05.10N 061-02.65W.
WIDE BERTH REQUESTED.
2. CANCEL THIS MSG 04 OCT 15.

(201121Z SEP 2015)

778/15. CANCELED.

779/15(28).

GULF OF MEXICO.
BAY OF CAMPECHE.
MEXICO.

1. SEISMIC SURVEY IN PROGRESS UNTIL 22 MAR 16
BY M/V WESTERN NEPTUNE, M/V WESTERN PATRIOT,
M/V WG COLUMBUS AND M/V OCEAN ODYSSEY TOWING
9000 METER LONG CABLES IN AREA BOUND BY
18-28.37N 094-21.12W, 18-58.72N 093-32.26W,
21-03.84N 094-59.01W, 20-44.13N 095-30.41W,
20-12.15N 095-07.78W, 20-01.03N 095-25.51W.
WIDE BERTH REQUESTED.
2. CANCEL NAVAREA IV 670/15.
3. CANCEL THIS MSG 23 MAR 16.

(211050Z SEP 2015)

780/15 thru 782/15. CANCELED.

783/15(28).

BAY OF CAMPECHE.
MEXICO.

1. SURVEY OPERATIONS IN PROGRESS UNTIL 22 FEB 16
BY M/V ARTEMIS ARCTIC TOWING 12000 METER
LONG CABLE IN AREA BOUND BY
18-22.13N 094-24.80W, 18-22.47N 093-46.84W,
19-05.07N 092-37.29W, 19-37.25N 092-16.73W,
19-56.73N 092-29.90W, 19-18.25N 093-32.60W.
2. CANCEL THIS MSG 23 FEB 16.

(212223Z SEP 2015)

784/15(28).

GULF OF MEXICO.
BAY OF CAMPECHE.

1. SEISMIC SURVEY IN PROGRESS UNTIL 20 DEC BY
M/V GECO DIAMOND, M/V AMAZON WARRIOR,
M/V GECO EAGLE AND M/V WG COOK
TOWING 14 9000 METER LONG CABLES
IN AREA BOUND BY
19-10.80N 094-21.12W, 18-58.72N 093-32.26W,
21-03.84N 094-59.00W, 20-44.23N 095-30.41W,
20-12.15N 095-07.79W, 20-01.03N 095-25.51W.
WIDE BERTH REQUESTED.
2. CANCEL NAVAREA IV 674/15.
3. CANCEL THIS MSG 21 DEC 15.

(212239Z SEP 2015)

785/15. CANCELED.

786/15(11).

GULF OF MEXICO.
LOUISIANA.

1. SEISMIC SURVEY IN PROGRESS UNTIL 06 OCT
BY M/V FAIRFIELD CHALLENGER, M/V GEOWAVE COMMANDER
AND M/V OCEAN PEARL IN AREA BOUND BY
28-18-36.0N 091-49-06.0W, 28-18-36.6N 091-32-53.4W,
28-11-37.8N 091-32-49.8W, 28-11-29.4N 091-49-04.2W.
0.75 MILE BERTH REQUESTED.
2. CANCEL NAVAREA IV 765/15.
3. CANCEL THIS MSG 07 OCT 15.

(221354Z SEP 2015)

787/15(15).

CANADA-NORTHEAST COAST.
DAVIS STRAIT.
ICE.

1. ICEBERG SIGHTED IN 62-08N 059-40W AT 221015Z SEP.
2. CANCEL THIS MSG 251819Z SEP 15.

(221819Z SEP 2015)

SECTION III

NM 40/15

788/15(GEN).

NORTH AMERICAN ICE SERVICE (NAIS) ICEBERG BULLETIN.

1. 230001Z SEP ICEBERG LIMIT ALONG TRACKLINE JOINING
51-00N 055-55W, 50-15N 051-15W, 54-45N 051-35W,
60-00N 060-00W.
2. WESTERN ICEBERG LIMIT ALONG TRACKLINE BETWEEN
51-50N 056-25W AND 51-30N 056-05W.
3. RADAR TARGETS OUTSIDE ICEBERG LIMIT:
59-15N 052-44W.
4. REPORT POSITION AND TIME OF ANY ICEBERGS OR
STATIONARY RADAR TARGETS THAT MAY LIKELY BE ICEBERGS TO
THE NEAREST CANADIAN COAST GUARD MARINE COMMUNICATIONS
AND TRAFFIC SERVICE STATION OR USING INMARSAT CODE 42.
5. CANCEL THIS MSG 240001Z SEP 15.

(221837Z SEP 2015)

789/15 and 790/15. CANCELED.

791/15(GEN).

WESTERN NORTH ATLANTIC.

MISSILES.

1. HAZARDOUS OPERATIONS 250001Z TO 252359Z SEP,
ALTERNATE 0001Z TO 2359Z DAILY 26 SEP THRU 23 OCT:
 - A. IN AREA BOUND BY
32-30N 070-57W, 32-52N 070-15W,
32-14N 069-48W, 31-52N 070-30W.
 - B. IN AREA BOUND BY
45-56N 040-43W, 46-32N 036-04W,
45-25N 035-49W, 44-49N 040-23W.
 - C. WITHIN 92 MILES OF 32-36N 070-19W.
2. CANCEL NAVAREA IV 776/15.
3. CANCEL THIS MSG 240059Z OCT 15.

(231332Z SEP 2015)

SECTION III

NM 40/15

HYDROLANTS

Messages in force 231600Z September 2015:

2011 series	9(GEN)	1672(36)	2147(37,43)	2256(54)	2347(GEN)
881(56)	10(54)	1755(24)	2148(36)	2260(51)	2350(55)
2012 series	11(54)	1770(24)	2155(37)	2261(GEN)	2351(55)
641(35,43)	50(54)	1771(GEN)	2156(GEN)	2263(37,51)	2352(37)
2501(37)	51(54)	1819(44)	2157(55)	2270(36,37)	2353(37)
2908(37)	52(54)	1869(55)	2158(54)	2271(24)	2354(37)
2013 series	53(54)	1889(54)	2168(51)	2272(37)	2357(35)
856(35)	298(54)	1905(55)	2177(24)	2278(37)	2358(35,37)
1390(55)	723(24)	1939(24)	2187(24,25)	2287(51)	2360(35,37,43)
1981(37)	769(54,56)	2016(52,53)	2195(55)	2293(GEN)	2361(55)
2044(35)	840(24)	2020(35)	2201(51)	2294(37)	2362(15)
2397(35,37)	1056(35)	2021(55)	2204(51)	2298(24)	2363(57)
2758(57)	1197(24)	2022(52,53)	2205(51)	2299(24)	2366(37)
2849(35)	1198(24)	2060(37)	2207(11)	2302(35,37)	2370(11)
2937(35)	1255(57)	2062(37)	2218(37)	2308(53)	2371(54)
2014 series	1291(37,43)	2099(51)	2219(38)	2322(35)	2372(36,37)
1994(51)	1332(35,43)	2108(36,37)	2226(37)	2330(56)	2373(24)
1995(51)	1333(37,43)	2121(35,37)	2229(43)	2334(43)	2374(24)
3006(55)	1434(54)	2125(55)	2230(51,57)	2337(56)	2375(35,43)
2015 series	1467(37,43)	2133(35,43)	2231(24)	2338(57)	2377(36,37)
4(24)	1511(36)	2143(55)	2239(36)	2344(57)	
6(54)	1620(37,43)	2145(24)	2246(24)	2346(24)	

The summary of all HYDROLANTS in force as of 17 December 2014 is given in Section III of NM 52/14. Warnings issued during the subsequent quarters are issued in NM 13/15, 26/15 and 39/15.

HYDROLANT WARNINGS issued from 161300Z to 231600Z September 2015.

2304/15 thru 2307/15. CANCELED.

2308/15(53).

WESTERN MEDITERRANEAN SEA.
DNC 08.
MAN OVERBOARD REPORTED IN 42-59N 007-57E AT
161912Z SEP. VESSELS IN VICINITY REQUESTED
TO KEEP A SHARP LOOKOUT. ASSIST IF POSSIBLE.
REPORTS TO MRCC LA GARDE, TELEX: 430 024,
PHONE: 334 9461 1616, FAX: 334 9427 1149,
E-MAIL: LAGARDE@MRCCFR.EU.

(162342Z SEP 2015)

2309/15 thru 2321/15. CANCELED.

2322/15(35).

NORTH SEA.
SCOTLAND-EAST COAST.
DNC 20.
SEISMIC SURVEY IN PROGRESS UNTIL FURTHER NOTICE
BY M/V POLAR DUCHESS TOWING TEN 8500 METER LONG
CABLES IN AREA BOUND BY
57-50N 001-13W, 57-50N 001-06W,
57-45N 001-01W, 57-37N 001-13W.
SIX MILE BERTH REQUESTED.

(171619Z SEP 2015)

2323/15 thru 2329/15. CANCELED.

2330/15(56).

EASTERN MEDITERRANEAN SEA.
LIBYA.
DNC 20.
TWO VESSELS, NUMEROUS PERSONS ON BOARD, REQUESTING
ASSISTANCE IN:
A. 33-09N 013-45E.
B. 33-09N 013-50E.
VESSELS IN VICINITY REQUESTED TO KEEP A SHARP
LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO MRCC ROME,
INMARSAT-C: 424744220,
PHONE: 3906 5908 4527, 3906 5908 4409,
FAX: 390 6592 2737, 3906 5908 4793,
E-MAIL: ITMRCC@MIT.GOV.IT.

(181104Z SEP 2015)

2331/15 thru 2333/15. CANCELED.

2334/15(43).

NORWEGIAN SEA.
DNC 21.
SEISMIC SURVEY IN PROGRESS UNTIL FURTHER
NOTICE BY M/V WESTERN TRIDENT TOWING 12
7300 METER LONG CABLES IN AREA BETWEEN
65-48N 66-47N AND 009-14E 007-37E.
SIX MILE BERTH REQUESTED.

(181915Z SEP 2015)

2335/15 and 2336/15. CANCELED.

2337/15(56).

EASTERN MEDITERRANEAN SEA.
LIBYA.
DNC 09.
TWO VESSELS, NUMEROUS PERSONS ON BOARD, REQUESTING
ASSISTANCE IN:
A. 33-05N 013-40E.
B. 33-19N 013-35E.
VESSELS IN VICINITY REQUESTED TO KEEP A SHARP
LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO MRCC ROME,
INMARSAT-C: 424744220,
PHONE: 3906 5908 4527, 3906 5908 4409,
FAX: 390 6592 2737, 3906 5908 4793,
E-MAIL: ITMRCC@MIT.GOV.IT.

(190715Z SEP 2015)

2338/15(57).

GULF OF GUINEA.
NIGERIA.
DNC 01.
1. SEISMIC SURVEY 200001Z SEP UNTIL FURTHER NOTICE
BY M/V POLARCUS ALIMA TOWING 12
8100 METER LONG CABLES IN AREA BOUND BY
03-51.7N 007-44.8E, 03-26.8N 008-04.8E,
02-53.3N 007-28.3E, 03-18.3N 007-08.2E.
EIGHT MILE BERTH REQUESTED.
2. CANCEL HYDROLANT 2333/15.

(190910Z SEP 2015)

2339/15 thru 2343/15. CANCELED.

2344/15(57).

EASTERN SOUTH ATLANTIC.
NAMIBIA.
DNC 01.
UNDERWATER OPERATIONS IN PROGRESS UNTIL FURTHER
NOTICE BY M/V EXPLORER IN AREA BETWEEN
28-12.90S 28-53.35S AND 015-34.62E 016-23.88E.
WIDE BERTH REQUESTED.

(191931Z SEP 2015)

2345/15. CANCELED.

2346/15(24).

BRAZIL-EAST COAST.
GUNNERY.
DNC 01.
1. GUNNERY EXERCISES 251000Z TO 251500Z SEP
WITHIN TEN MILES OF 13-45S 038-10W.
2. CANCEL THIS MSG 251600Z SEP 15.

(200106Z SEP 2015)

2347/15(GEN).

1. HYDROLANT WARNINGS IN FORCE 200800Z SEP 15. ONLY THOSE
WARNINGS ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.
2015 SERIES: 1939(24), 2016(52,53), 2020(35), 2021(55),
2022(52,53), 2060(37), 2062(37), 2077(36), 2099(51),
2108(36,37), 2121(35,37), 2125(55), 2133(35,43), 2143(55),
2145(24), 2147(37,43), 2148(36), 2155(37), 2156(GEN),
2157(55), 2158(54), 2168(51), 2177(24), 2187(24,25), 2195(55),
2201(51), 2204(51), 2205(51), 2207(11), 2218(37), 2219(38),
2226(37), 2229(43), 2230(51,57), 2231(24), 2239(36), 2246(24),
2256(54), 2260(51), 2261(GEN), 2263(37,51), 2270(36,37),
2271(24), 2272(37), 2277(24), 2278(37), 2280(57), 2287(51),
2293(GEN), 2294(37), 2298(24), 2299(24), 2302(35,37),
2308(53), 2314(35), 2317(24), 2321(55), 2322(35), 2330(56),

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- 2331(44), 2334(43), 2336(24), 2337(56), 2338(57),
2339(35,37,43), 2340(54), 2344(57), 2346(24).
2. THE SUMMARY OF ALL HYDROLANT WARNINGS IN FORCE AS OF 17 DEC 2014 IS GIVEN IN SEC III OF NM 52/14. WARNINGS ISSUED DURING THE SUBSEQUENT QUARTERS ARE SUMMARIZED IN NM 13/15, 26/15 AND 39/15.
3. CANCEL HYDROLANT 713/15, 2006/15, 2176/15, 2221/15, 2243/15, 2269/15, 2307/15, 2311/15, 2312/15, 2325/15.

(200815Z SEP 2015)

2348/15 and 2349/15. CANCELED.

- 2350/15(55).
BLACK SEA.
RUSSIA.
GUNNERY.
DNC 10.
1. GUNNERY EXERCISES 0600Z TO 1500Z DAILY
21 THRU 25 SEP IN AREA BOUND BY
45-00.0N 036-39.0E, 44-54.5N 037-00.0E,
44-30.0N 037-10.0E, 44-30.0N 036-41.0E.
2. CANCEL THIS MSG 251600Z SEP 15.

(201056Z SEP 2015)

- 2351/15(55).
BLACK SEA.
UKRAINE.
HAZARDOUS OPERATIONS.
DNC 10.
1. HAZARDOUS OPERATIONS 0100Z TO 1700Z DAILY
21 THRU 26 SEP IN AREA BETWEEN
44-29.6N 44-40.5N AND 035-22.3E 035-37.5E.
2. CANCEL THIS MSG 261800Z SEP 15.

(201104Z SEP 2015)

- 2352/15(37).
ENGLISH CHANNEL.
ENGLAND-SOUTH COAST.
DNC 20.
UNDERWATER OPERATIONS IN PROGRESS UNTIL FURTHER NOTICE BY
M/V ICEBEAM AND M/V FRANKLIN ALONG TRACKLINE JOINING
50-33.5N 003-14.7W, 50-29.0N 002-57.4W,
50-17.8N 002-32.3W, 49-58.2N 002-19.8W,
49-50.6N 002-08.6W, 49-44.8N 002-10.4W.
WIDE BERTH REQUESTED.

(201858Z SEP 2015)

- 2353/15(37).
ENGLISH CHANNEL.
DNC 20.
1. CONTAINER ADRIFT VICINITY 50-08.2N 001-07.5W
AT 201700Z SEP.
2. CANCEL THIS MSG 231915Z SEP 15.

(201905Z SEP 2015)

- 2354/15(37).
BAY OF BISCAY.
DNC 08.
RED FLARE SIGHTED IN 44-04N 003-36W AT 201920Z SEP.
VESSELS IN VICINITY REQUESTED TO KEEP A SHARP
LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO MRCC ETEL,
TELEX: 42950519, PHONE: 332 9755 3535,
FAX: 332 9755 4934, E-MAIL: ETEL@MRCCFR.EU.

(202140Z SEP 2015)

2355/15 and 2356/15. CANCELED.

- 2357/15(35).
SCOTLAND-EAST COAST.
RADIO SERVICES.
DNC 20.
1. MRCC ABERDEEN MF R/T SERVICE AT
GREG NESS 57-08N 002-03W UNRELIABLE.
2. CANCEL HYDROLANT 2314/15.

(210837Z SEP 2015)

2358/15(35,37).
 NORTH SEA.
 ENGLAND-EAST COAST.
 DNC 20.
 CHART 37059.
 OBSTRUCTION, 16.6 METERS ABOVE SEABED, MARKED BY BUOY,
 YELLOW, FL (5) Y 20 SEC, IN 53-30.82N 000-44.11E.
 (211201Z SEP 2015)

2359/15. CANCELED.

2360/15(35,37,43).
 NORTH SEA.
 ENGLAND-NORTHEAST COAST.
 DNC 20.
 1. SEISMIC SURVEY IN PROGRESS UNTIL FURTHER NOTICE BY
 M/V WESTERN REGENT TOWING 8400 METER LONG CABLE
 VICINITY OF TRACKLINES BETWEEN:
 A. 56-51.7N 000-25.5W AND 55-23.8N 000-11.9E.
 B. 55-01.2N 000-42.5E AND 56-00.6N 002-05.6E.
 SIX MILE BERTH REQUESTED.
 2. CANCEL HYDROLANT 2339/15.
 (211403Z SEP 2015)

2361/15(55).
 BLACK SEA.
 UKRAINE.
 DNC 10.
 CHART 55104.
 1. NAVIGATION PROHIBITED UNTIL 16 OCT
 IN AREA BETWEEN
 44-27.4N 44-26.5N AND 033-32.3E 033-33.4E.
 2. CANCEL HYDROLANT 2321/15.
 3. CANCEL THIS MSG 17 OCT 15.
 (211421Z SEP 2015)

2362/15(15).
 CANADA-NORTHEAST COAST.
 DAVIS STRAIT.
 DNC 28.
 VESSEL ATLANTIC CHARGER TAKING ON WATER IN
 62-05N 062-19W. NINE PERSONS ENTERING LIFERAFT.
 VESSELS IN VICINITY REQUESTED TO KEEP A SHARP
 LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO
 JRCC HALIFAX, TELEX: 584331699943,
 PHONE: 902 427 8200.
 (211747Z SEP 2015)

2363/15(57).
 EASTERN SOUTH ATLANTIC.
 NAMIBIA.
 DNC 01.
 1. UNDERWATER OPERATIONS IN PROGRESS UNTIL
 FURTHER NOTICE BY:
 A. M/V GARIEP IN 28-30.0S 015-49.0E.
 B. M/V GRAND BANKS IN 28-30.4S 015-51.4E
 C. M/V FAFUTA IN 28-29.0S 015-54.0E.
 D. M/V CORAL SEA IN 28-31.0S 015-54.4E.
 TWO MILE BERTH REQUESTED.
 2. CANCEL HYDROLANT 2280/15.
 (211936Z SEP 2015)

2364/15 and 2365/15. CANCELED.

2366/15(37).
 ENGLAND-SOUTH COAST.
 ENGLISH CHANNEL.
 DNC 20.
 CHART 37015.
 FISHING GEAR MARKED BY BUOYS ABANDONED
 ALONG TRACKLINE BETWEEN
 50-18.2N 003-16.6W AND 50-17.8N 003-16.1W.
 (220831Z SEP 2015)

2367/15 thru 2369/15. CANCELED.

- 2370/15(11).
 GULF OF MEXICO.
 DNC 15.
 DISTRESS SIGNAL RECEIVED ON 406 MHZ IN 28-05.9N 085-26.8W.
 VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,
 ASSIST IF POSSIBLE. REPORTS TO RCC NEW ORLEANS,
 PHONE: 504 589 6225, FAX: 504 589 2148,
 E-MAIL: D8COMMANDCENTER@USCG.MIL.
 (221612Z SEP 2015)
- 2371/15(54).
 AEGEAN SEA.
 MISSILES.
 DNC 09.
 1. HAZARDOUS OPERATIONS 0500Z TO 1200Z DAILY
 23 AND 24 SEP IN AREA BOUND BY
 35-36N 024-07E, 36-18N 024-07E,
 36-18N 024-47E, 35-34N 025-08E,
 35-31N 024-11E.
 2. CANCEL THIS MSG 241300Z SEP 15.
 (221647Z SEP 2015)
- 2372/15(36,37).
 EASTERN NORTH ATLANTIC.
 CELTIC SEA.
 DNC 08, DNC 19.
 1. UNDERWATER OPERATIONS 230001Z SEP TO 032359Z OCT
 BY M/V SKANDI AFRICA ALONG TRACKLINE BETWEEN
 47-38N 007-35W AND 46-48N 008-00W.
 WIDE BERTH REQUESTED.
 2. CANCEL THIS MSG 040059Z OCT 15.
 (221715Z SEP 2015)
- 2373/15(24).
 BRAZIL-NORTHEAST COAST.
 DNC 01.
 VESSEL, ONE PERSON ON BOARD, UNREPORTED.
 LAST KNOWN POSITION 04-59S 036-19W AT 170500Z SEP.
 VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,
 ASSIST IF POSSIBLE. REPORTS TO ANY COASTAL RADIO STATION.
 (221915Z SEP 2015)
- 2374/15(24).
 BRAZIL-SOUTH COAST.
 DNC 01.
 CHART 24140.
 1. ILHA DA MOELA LIGHT 24-03.0S 046-15.8W UNLIT,
 DGPS STATION AND RADIOBEACON OFF AIR.
 2. CANCEL THIS MSG 19 MAR 16.
 (230055Z SEP 2015)
- 2375/15(35,43).
 NORTH SEA.
 DNC 20.
 1. SEISMIC SURVEY IN PROGRESS UNTIL FURTHER NOTICE
 BY M/V RAMFORM EXPLORER TOWING TEN 6000 METER
 LONG CABLES IN AREA BETWEEN
 58-20N 58-09N AND 000-42E 001-50E.
 FIVE MILE BERTH REQUESTED.
 2. CANCEL HYDROLANT 2365/15.
 (230627Z SEP 2015)
- 2376/15. CANCELED.
- 2377/15(36,37).
 EASTERN NORTH ATLANTIC.
 BAY OF BISCAY.
 MISSILES.
 DNC 08, DNC 19.
 1. HAZARDOUS OPERATIONS 250001Z TO 252359Z SEP,
 ALTERNATE 0001Z TO 2359Z DAILY 26 SEP THRU 23 OCT
 IN AREAS BOUND BY:
 A. 44-18-00N 01-17-00W, 44-06-00N 01-36-00W,
 44-54-00N 06-58-00W, 45-37-00N 06-48-00W,
 44-42-00N 01-36-00W, 44-26-20N 01-15-40W.
 B. 47-11-00N 17-34-00W, 46-53-00N 12-57-00W,
 45-06-00N 13-15-00W, 45-22-00N 17-43-00W.
 2. CANCEL HYROLANT 2348/15.
 3. CANCEL THIS MSG 240059Z OCT 15.
 (231356Z SEP 2015)

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NAVAREA XII

Messages in force 231600Z September 2015:

2012 series	2015 series	292(GEN)	325(16,17)
110(97)	42(21)	324(GEN)	

The summary of all NAVAREA XII messages in force as of 17 December 2014 is given in Section III of NM 52/14. Warnings issued during the subsequent quarters are issued in NM 13/15, 26/15 and 39/15.

NAVAREA XII WARNINGS issued from 161300Z to 231600Z September 2015.

321/15 thru 323/15. CANCELED.

324/15(GEN).

1. NAVAREA XII WARNINGS IN FORCE AS OF 200800Z SEP 15.
2012 SERIES: 110(97).
2015 SERIES: 42(21), 292(GEN), 306(21), 307(21),
308(21), 309(21), 310(21), 323(21).
2. THE SUMMARY OF ALL NAVAREA XII WARNINGS IN FORCE
AS OF 17 DEC 2014 IS GIVEN IN SEC III OF NM 52/14.
WARNINGS ISSUED DURING THE SUBSEQUENT QUARTERS
ARE SUMMARIZED IN NM 13/15, 26/15 AND 39/15.
3. CANCEL NAVAREA XII 314/15.

(200820Z SEP 2015)

325/15(16,17).

ALASKA-SOUTHEAST COAST.
CHART 16016.
ANNETTE ISLAND DGPS STATION 55-04.1N 131-36.0W UNUSABLE.

(230135Z SEP 2015)

SECTION III

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HYDROPACS

Messages in force 231600Z September 2015:

2011 series	2130(72)	1997(63)	2797(93)	3071(95)	3133(19,81)
1561(56)	3019(63)	2052(62)	2827(63)	3072(95)	3134(96)
2812(71)	3528(93)	2058(93)	2829(63)	3073(95)	3135(93)
3552(96)	3646(74)	2070(22)	2832(97)	3074(95)	3136(18)
2012 series	2015 series	2291(96)	2833(94)	3075(94,95)	3137(63)
408(94)	289(62)	2300(74)	2834(94)	3076(94)	3139(61,75)
1079(97)	590(61,71)	2341(63)	2859(GEN)	3079(62)	3141(82,83)
1222(97)	632(63)	2348(74)	2860(73)	3083(76)	3143(93)
1377(94,95)	728(75)	2349(82)	2865(83)	3084(GEN)	3145(71)
1555(96)	826(73)	2370(74)	2878(93)	3096(91)	3146(62)
1824(76)	1014(73)	2456(62)	2908(96)	3101(22)	3147(62)
2013 series	1052(73)	2458(63)	2927(93)	3104(72)	3148(62)
899(75)	1194(71)	2568(63)	2934(22)	3111(22)	3149(83)
2493(93)	1256(74)	2577(74)	2938(71,93)	3112(63)	3150(93)
3004(63)	1413(63)	2622(74)	2942(63)	3113(63)	3154(81)
2014 series	1478(75)	2631(63)	2952(93)	3114(63)	3155(81)
496(74)	1571(61)	2641(94)	2975(74)	3117(22)	3156(81)
894(63)	1578(22)	2688(94)	2984(94,97)	3118(22)	3158(81)
1118(74)	1588(71)	2692(61)	3052(63)	3119(18,21)	3159(97)
1325(96)	1589(71)	2740(63)	3063(96)	3120(74)	3160(93)
1368(93)	1733(63)	2758(91,94)	3064(93)	3124(93)	
1445(22)	1755(97)	2759(91,94)	3067(63)	3126(GEN)	
1570(74)	1876(62)	2767(63)	3068(63)	3128(83)	
1672(22)	1958(96)	2789(74,75)	3070(93)	3130(73,74)	

The summary of all HYDROPACS in force as of 17 December 2014 is given in Section III of NM 52/14. Warnings issued during the subsequent quarters are issued in NM 13/15, 26/15 and 39/15.

HYDROPAC WARNINGS issued from 161300Z to 231600Z September 2015.

3064/15(93).

GULF OF THAILAND.
THOCHU ISLAND.
DNC 03.
F/V CM 99333 TS, SIX PERSONS ON BOARD, UNREPORTED.
LAST KNOWN POSITION 09-12N 103-20E AT 150600Z SEP.
VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,
ASSIST IF POSSIBLE. REPORTS TO MRCC VIETNAM,
PHONE: 844 3768 3050, FAX: 844 3768 3048,
E-MAIL: VMRCC@FPT.VN.

(161015Z SEP 2015)

3065/15 and 3066/15. CANCELED.

3067/15(63).

BAY OF BENGAL.
INDIA-EAST COAST.
HAZARDOUS OPERATIONS.
DNC 03.
1. HAZARDOUS OPERATIONS 2330Z TO 1730Z COMMENCING
DAILY 20 THRU 22 SEP:
A. IN AREA BOUND BY
19-14.60N 084-53.70E, 19-07.39N 085-35.94E,
18-33.61N 084-53.74E.
B. WITHIN 42 MILES OF TRACKLINE BETWEEN
19-07.39N 085-35.94E AND 18-33.61N 084-53.74E.
C. IN AREA BOUND BY
19-17.67N 084-55.21E, 19-10.75N 084-47.38E,
18-56.03N 084-52.64E, 19-12.33N 085-14.92E.
2. CANCEL THIS MSG 231830Z SEP 15.

(161148Z SEP 2015)

3068/15(63).

INDIA-WEST COAST.
GULF OF KHAMBAT.
DNC 03.
CHART 63080.
RACON AT UMARGAM LIGHT 20-11.7N 072-45.0E INOPERATIVE.

(161204Z SEP 2015)

3069/15. CANCELED.

3070/15(93).

SOUTH CHINA SEA.
VIETNAM.
DNC 11.
F/V BTH 97853 TS DISABLED AND ADRIFT IN 09-47N 107-48E
AT 141210Z SEP. ONE PERSON RESCUED, THREE PERSONS REMAIN MISSING.
VESSELS IN VICINITY REQUESTED TO KEEP A SHARP
LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO MRCC VIETNAM,
PHONE: 844 3768 3050, FAX: 844 3768 3048,
E-MAIL: VMRCC@FPT.VN.

(161256Z SEP 2015)

3071/15(95).

YELLOW SEA.
GUNNERY.
DNC 23.
1. GUNNERY EXERCISES 200400Z TO 200900Z SEP
AND 0001Z TO 0800Z DAILY
21 THRU 25 SEP IN AREA BOUND BY
36-34-58N 124-41-19E, 36-35-00N 125-36-00E,
36-05-01N 125-36-04E, 36-04-58N 124-41-23E.
2. CANCEL THIS MSG 250900Z SEP 15.

(161349Z SEP 2015)

3072/15(95).

YELLOW SEA.
GUNNERY.
DNC 23.
1. GUNNERY EXERCISES 0001Z TO 0800Z DAILY
21 THRU 25 SEP IN AREA BOUND BY
35-15-00N 124-41-28E, 35-15-01N 125-36-10E,
34-50-00N 125-36-12E, 34-50-00N 124-41-31E.
2. CANCEL THIS MSG 250900Z SEP 15.

(161351Z SEP 2015)

3073/15(95).

YELLOW SEA.
GUNNERY.
DNC 23.
1. GUNNERY EXERCISES 200400Z TO 200900Z AND
0001Z TO 0800Z DAILY 21 THRU 25 SEP
IN AREA BOUND BY
36-35-00N 125-36-00E, 36-35-00N 124-50-00E,
37-04-21N 124-50-00E, 37-05-08N 125-36-00E.
2. CANCEL THIS MSG 250900Z SEP 15.

(161356Z SEP 2015)

3074/15(95).

YELLOW SEA.
GUNNERY.
DNC 23.
1. GUNNERY EXERCISES 0001Z TO 0900Z DAILY
21 THRU 25 SEP IN AREA BETWEEN
35-35N 36-00N AND 125-00E 125-30E.
2. CANCEL THIS MSG 251000Z SEP 15.

(161358Z SEP 2015)

3075/15(94,95).

YELLOW SEA.
GUNNERY.
DNC 23.
1. GUNNERY EXERCISES 0001Z TO 0900Z DAILY
21 THRU 25 SEP IN AREA BETWEEN
37-44-55N 37-30-10N AND 124-05-10E 124-36-40E.
2. CANCEL THIS MSG 251000Z SEP 15.

(161401Z SEP 2015)

3076/15(94).

EAST CHINA SEA.
TAIWAN STRAIT.
DNC 23.
1. GUNNERY EXERCISES 2300Z TO 1000Z
COMMENCING DAILY 20 SEP THRU 15 OCT
A. IN AREA BOUND BY
25-48.0N 120-48E 25-48.0N 121-20.0E,
24-52.0N 120-23E 24-52.0N 119-55.0E.
B. WITHIN 31 MILES OF
25-20.0N 120-37.5E.
2. CANCEL THIS MSG 161100Z OCT 15.

(161409Z SEP 2015)

SECTION III

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3077/15 and 3078/15. CANCELED.

3079/15(62).

RED SEA.

GULF OF SUEZ.

DNC 10.

1. OCEANOGRAPHIC SURVEY IN PROGRESS UNTIL 10 OCT
BY M/V NORTHERN ENDEAVOUR ALONG TRACKLINE BETWEEN
29-04.12N 32-39.12E AND 25-06.32N 35-55.27E.
WIDE BERTH REQUESTED.
2. CANCEL THIS MSG 11 OCT 15.

(161701Z SEP 2015)

3080/15 thru 3082/15. CANCELED.

3083/15(76).

WESTERN SOUTH PACIFIC.

NEW ZEALAND.

DNC 06.

FIVE METER VESSEL KRYSTELLA, TWO PERSONS ON BOARD,
UNREPORTED. LAST KNOWN POSITION VICINITY
47-00S 170-00E. VESSELS IN VICINITY REQUESTED
TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO RCC NEW ZEALAND.

(162357Z SEP 2015)

3084/15(GEN).

NORTH PACIFIC.

JAPAN TO OREGON.

38 FOOT S/V INGRID PRINCESS, WHITE HULL, OVERDUE
CHIJIMA (27-04.0N 142-12.0E) TO ASTORIA (46-11.0N 123-49.0W).
LAST KNOWN POSITION 40-15.7N 161-34.5E AT 101200Z SEP.
VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,
ASSIST IF POSSIBLE. REPORTS TO RCC SEATTLE,
PHONE: 206 220 7001, E-MAIL: D13.CC@USCG.MIL.

(170018Z SEP 2015)

3085/15 thru 3095/15. CANCELED.

3096/15(91).

SOUTH CHINA SEA.

LUZON STRAIT.

DNC 23.

1. CABLE REPAIR OPERATIONS IN PROGRESS UNTIL 31 OCT
VICINITY OF TRACKLINE JOINING
20-49-25N 120-44-19E, 20-59-29N 120-23-29E,
20-49-22N 120-20-59E, 20-48-33N 120-14-47E,
20-51-00N 120-09-36E, 20-55-00N 119-48-48E,
21-04-29N 119-53-34E, 21-00-47N 120-04-35E,
21-01-44N 120-09-08E, 21-00-01N 120-15-02E.
2. CANCEL THIS MSG 01 NOV 15.

(170835Z SEP 2015)

3097/15 thru 3100/15. CANCELED.

3101/15(22).

EASTERN SOUTH PACIFIC.

CHILE.

RADIO SERVICES.

DNC 07.

VALPARAISO PLAYA ANCHA RADIO HF DSC SERVICE OFF AIR.
TALCAHUANO RADIO ASSUMES CONTROL.

(171632Z SEP 2015)

3102/15 and 3103/15. CANCELED.

3104/15(72).

INDONESIA.

JAVA SEA.

DNC 04.

M/V LIVINA SUNK IN 05-39S 119-15E AT 170600Z SEP.
SEVEN PERSONS MISSING. VESSELS IN VICINITY
REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF
POSSIBLE. REPORTS TO RCC BASARNAS,
PHONE: 62 411 555 515, FAX: 62 411 554 852,
E-MAIL: KAGAHAR@BASARNAS.GO.ID, KAGAHAR@YAHOO.COM,
SIAGAKOM.MAKASSAR@GMAIL.COM.

(180130Z SEP 2015)

3105/15 thru 3110/15. CANCELED.

- 3111/15(22).
EASTERN SOUTH PACIFIC.
CHILE.
HAZARDOUS OPERATIONS.
DNC 07.
1. HAZARDOUS OPERATIONS 231300Z TO 232300Z SEP
IN AREA BETWEEN
36-17S 36-32S AND 073-37W 073-18W.
2. CANCEL THIS MSG 232359Z SEP 15.
- (180937Z SEP 2015)
- 3112/15(63).
BAY OF BENGAL.
INDIA-EAST COAST.
HAZARDOUS OPERATIONS.
DNC 03.
1. HAZARDOUS OPERATIONS 0130Z TO 1130Z DAILY
24 AND 25 SEP IN AREA BOUND BY
15-30N 083-24E, 16-14N 084-00E,
15-34N 084-46E, 15-08N 084-24E.
2. CANCEL THIS MSG 251230Z SEP 15.
- (181114Z SEP 2015)
- 3113/15(63).
BAY OF BENGAL.
INDIA-EAST COAST.
HAZARDOUS OPERATIONS.
DNC 03.
1. HAZARDOUS OPERATIONS 0130Z TO 1130Z DAILY
22 THRU 30 SEP IN AREA BETWEEN
13-30N 14-30N AND 082-00E 082-40E.
2. CANCEL THIS MSG 301230Z SEP 15.
- (181122Z SEP 2015)
- 3114/15(63).
ARABIAN SEA.
INDIA-WEST COAST.
DNC 03.
1. CABLE LAYING OPERATIONS 21 THRU 23 SEP BY
CABLESHIP ILE DE BATZ WITH SUBMERSIBLE
IN AREAS BOUND BY:
A. 18-51.77N 072-10.39E, 18-52.55N 072-10.79E,
18-52.69N 072-10.37E, 18-51.95N 072-09.99E.
B. 18-48.74N 072-05.74E, 18-48.39N 072-05.96E,
18-47.16N 072-03.07E, 18-47.51N 072-02.90E.
ONE MILE BERTH REQUESTED.
2. CANCEL THIS MSG 24 SEP 15.
- (181136Z SEP 2015)
- 3115/15 and 3116/15. CANCELED.
- 3117/15(22).
EASTERN SOUTH PACIFIC.
CHILE
HAZARDOUS OPERATIONS.
DNC 07.
1. HAZARDOUS OPERATIONS 1200Z TO 2100Z DAILY
21 THRU 25 SEP IN AREA BETWEEN
20-00S 20-10S AND 071-00W 071-50W.
2. CANCEL THIS MSG 252200Z SEP 15.
- (181441Z SEP 2015)
- 3118/15(22).
EASTERN SOUTH PACIFIC.
CHILE.
HAZARDOUS OPERATIONS.
DNC 07.
1. HAZARDOUS OPERATIONS 1200Z TO 2100Z DAILY
24 AND 25 SEP IN AREA BETWEEN
19-50S 20-05S AND 070-30W 070-19W.
2. CANCEL THIS MSG 252200Z SEP 15.
- (181449Z SEP 2015)
- 3119/15(18,21).
EASTERN NORTH PACIFIC.
CALIFORNIA.
DNC 13.
DISTRESS SIGNAL RECEIVED ON 406 MHZ IN 32-27.1N 118-19.1W.
VESSELS IN VICINITY REQUESTED TO KEEP A SHARP
LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO
U.S. COAST GUARD ALAMEDA, TELEX: 230172343,
PHONE: 510 437 3701, E-MAIL: RCCALAMEDA@USCG.MIL.
- (181942Z SEP 2015)

- 3120/15(74).
EASTERN INDIAN OCEAN.
AUSTRALIA-NORTHWEST COAST.
DNC 04.
UNDERWATER OPERATIONS IN PROGRESS UNTIL
FURTHER NOTICE BY M/V JOIDES RESOLUTION
IN 18-03.9S 118-37.8E.
2.5 MILE BERTH REQUESTED.
- (182313Z SEP 2015)
- 3121/15 thru 3123/15. CANCELED.
- 3124/15(93).
SOUTH CHINA SEA.
VIETNAM.
DNC 11.
1. PIPELINE REPAIR OPERATIONS IN PROGRESS UNTIL 22 OCT
BY M/V DISCOVERY 01:
A. ALONG TRACKLINE BETWEEN
09-50.95N 107-52.29E AND 10-19.53N 107-17.95E.
B. VICINITY 09-51.34N 107-57.69E.
WIDE BERTH REQUESTED.
2. CANCEL THIS MSG 23 OCT 15.
- (200041Z SEP 2015)
- 3125/15. CANCELED.
- 3126/15(GEN).
1. HYDROPAC WARNINGS IN FORCE 200800Z SEP 15. ONLY THOSE
WARNINGS ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.
2015 SERIES: 2622(74), 2631(63), 2641(94), 2688(94), 2692(61),
2740(63), 2758(91.94), 2759(91.94), 2763(91), 2767(63),
2789(74.75), 2796(93), 2797(93), 2827(63), 2829(63), 2832(97),
2833(94), 2834(94), 2859(GEN), 2860(73), 2865(83), 2878(93),
2908(96), 2927(93), 2934(22), 2938(71.93), 2942(63), 2952(93),
2964(96), 2965(95.96), 2975(74), 2977(63), 2984(94.97),
3006(93), 3052(63), 3063(96), 3064(93), 3066(63), 3067(63),
3068(63), 3070(93), 3071(95), 3072(95), 3073(95), 3074(95),
3075(94.95), 3076(94), 3077(93), 3079(62), 3083(76), 3084(GEN),
3094(71.93), 3095(93), 3096(91), 3098(93), 3099(63), 3101(22),
3104(72), 3111(22), 3112(63), 3113(63), 3114(63), 3117(22),
3118(22), 3119(18.21), 3120(74), 3121(81), 3124(93).
2. THE SUMMARY OF ALL HYDROPAC WARNINGS IN FORCE
AS OF 17 DEC 2014 IS GIVEN IN SEC III OF NM 52/14.
WARNINGS ISSUED DURING THE SUBSEQUENT QUARTERS
ARE SUMMARIZED IN NM 13/15, 26/15 AND 39/15.
3. CANCEL HYDROPAC 2999/15, 3005/15, 3012/15,
3013/15, 3018/15, 3028/15, 3038/15, 3042/15,
3060/15, 3086/15, 3097/15, 3110/15.
- (200825Z SEP 2015)
- 3127/15. CANCELED.
- 3128/15(83).
SOUTH PACIFIC.
TAHITI TO NIUE.
DNC 06.
11.4 METER VESSEL RHOMBUS, FIVE PERSONS ON BOARD,
UNREPORTED TAHITI (17-40S 149-25W) TO NIUE (19-03S 169-55W).
VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,
ASSIST IF POSSIBLE. REPORTS TO TAUPU MARITIME RADIO OR
MARITIME OPERATIONS NEW ZEALAND, INMARSAT-C: 451200067,
E-MAIL: MARITIME@KORDIA.CO.NZ.
- (202303Z SEP 2015)
- 3129/15. CANCELED.
- 3130/15(73,74).
TIMOR SEA.
DNC 04.
1. SEISMIC SURVEY IN PROGRESS UNTIL 30 NOV BY
M/V RAMFORD SOVEREIGN TOWING 5500 METER LONG
CABLE IN AREA BETWEEN
10-50S 11-17S AND 126-27E 126-52E.
2. CANCEL THIS MSG 01 DEC 15.
- (210554Z SEP 2015)
- 3131/15 and 3132/15. CANCELED.

3133/15(19,81).

NORTH PACIFIC.
MARSHALL ISLANDS.
HAZARDOUS OPERATIONS.
DNC 12, DNC 13.

1. HAZARDOUS OPERATIONS 260030Z TO 260705Z SEP,
ALTERNATE 0030Z TO 0705Z DAILY 27 THRU 30 SEP
IN AREAS BOUND BY:
 - A. 18-56.4N 164-39.6E, 20-33.0N 165-06.0E,
20-44.4N 166-31.2E, 20-36.0N 167-51.6E,
20-15.0N 169-19.8E, 17-57.0N 170-57.0E,
17-09.0N 169-26.4E, 15-25.8N 171-01.2E,
14-08.4N 171-39.0E, 14-01.8N 168-30.0E,
15-27.0N 167-18.0E, 17-20.4N 165-49.8E.
 - B. 13-36.6N 172-39.0E, 11-00.6N 171-51.6E,
10-45.6N 174-03.6E, 12-30.6N 175-01.8E.
 - C. 14-30.0N 174-34.2E, 12-54.6N 177-47.4E,
12-12.0N 176-49.2E, 14-17.4N 174-14.4E.
2. CANCEL THIS MSG 270805Z SEP 15.

(210901Z SEP 2015)

3134/15(96).

SEA OF OKHOTSK.
DNC 24.

1. SEISMIC SURVEY IN PROGRESS UNTIL 10 OCT BY
M/V FA XIAN 6 TOWING TWELVE 6000 METER LONG CABLES
IN AREA BOUND BY
55-09-59N 155-14-01E, 55-28-11N 154-57-17E,
55-30-12N 155-03-55E, 55-11-57N 155-20-21E.
WIDE BERTH REQUESTED.
2. CANCEL THIS MSG 11 OCT 15.

(210941Z SEP 2015)

3135/15(93).

SOUTH CHINA SEA.
VIETNAM.
DNC 11.

1. F/V BV 97799 TS SANK IN 09-06N 106-54E AT
151700Z SEP. TWO PERSONS REMAIN MISSING.
VESSELS IN VICINITY REQUESTED TO KEEP A
SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS
TO MRCC VIETNAM, PHONE: 844 3768 3050,
FAX: 844 3768 3048, E-MAIL: VMRCC@FPT.VN.
2. CANCEL HYDROPAC 3077/15.

(211552Z SEP 2015)

3136/15(18).

EASTERN NORTH PACIFIC.
CALIFORNIA.
DNC 13.

- DISTRESS SIGNAL RECEIVED ON 406 MHZ IN 34-57.1N 122-35.3W.
VESSELS IN VICINITY REQUESTED TO KEEP A SHARP
LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO
U.S. COAST GUARD ALAMEDA, TELEX: 230172343,
PHONE: 510 437 3701, E-MAIL: RCCALAMEDA@USCG.MIL.

(211645Z SEP 2015)

3137/15(63).

BAY OF BENGAL.
INDIA-EAST COAST.
HAZARDOUS OPERATIONS.
DNC 03.

1. HAZARDOUS OPERATIONS 250530Z TO 250730Z SEP
WITHIN 11 MILES OF 13-07.02N 080-18.01E
BETWEEN 045 DEGREES AND 075 DEGREES.
2. CANCEL THIS MSG 250830Z SEP 15.

(211703Z SEP 2015)

3138/15. CANCELED.

3139/15(61,75).

SOUTHERN INDIAN OCEAN.
DNC 03.

- UNDERWATER OPERATIONS IN PROGRESS UNTIL FURTHER
NOTICE BY M/V FUGRO EQUATOR AND M/V FUGRO DISCOVERY
IN AREA BETWEEN
34-25S 38-25E AND 093-40E 086-50E.
TEN MILE BERTH REQUESTED.

(220601Z SEP 2015)

3140/15. CANCELED.

- 3141/15(82,83).
 WESTERN SOUTH PACIFIC.
 FIJI TO VANUATU.
 DNC 06.
 9.2 METER S/V SLOOP LAGAFFE, BLUE HULL, THREE PERSONS
 ON BOARD, OVERDUE LAUTOKA (17-37-27S 177-27-10E)
 TO TANNA (19-30-00S 169-20-00E). VESSELS IN VICINITY
 REQUESTED TO KEEP A SHARP LOOKOUT. ASSIST IF POSSIBLE.
 REPORTS TO MRCC NOUMEA, INMARSAT-C: 422799194,
 PHONE: 68 729 2332, 68 726 7472,
 FAX: 68 729 2303, E-MAIL: MRCC.NC@LAGOON.NC.
 (220735Z SEP 2015)
- 3142/15. CANCELED.
- 3143/15(93).
 SOUTH CHINA SEA.
 VIETNAM.
 DNC 11.
 MAN OVERBOARD FROM M/V XUAN HOA 68 VICINITY
 09-32.07N 106-33.32E AT 220515Z SEP. VESSELS
 IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,
 ASSIST IF POSSIBLE. REPORTS TO MRCC VIETNAM,
 PHONE: 844 3768 3050, FAX: 844 3768 3048,
 E-MAIL: VMRCC@FPT.VN.
 (220837Z SEP 2015)
- 3144/15. CANCELED.
- 3145/15(71).
 SOUTH CHINA SEA.
 DNC 03, DNC 11.
 DISTRESS SIGNAL RECEIVED ON 406 MHZ IN 02-09N 104-58E.
 VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,
 ASSIST IF POSSIBLE. REPORTS TO MRCC SINGAPORE,
 PHONE: 656 226 5539, FAX: 656 227 9971,
 E-MAIL: POCC@MPA.GOV.SG.
 (220843Z SEP 2015)
- 3146/15(62).
 GULF OF SUEZ.
 DNC 10.
 CHART 62191.
 1. RACON AT PLATFORM MORGAN 72, 28-10.70N 033-26.64E
 INOPERATIVE UNTIL 07 OCT.
 2. CANCEL THIS MSG 08 OCT 15.
 (220936Z SEP 2015)
- 3147/15(62).
 GULF OF SUEZ.
 DNC 10.
 1. UNDERWATER OPERATIONS IN PROGRESS UNTIL
 24 OCT BY M/V ASWAN AND M/V LUXOR IN:
 A. 28-59.07N 032-56.71E.
 B. 27-50.21N 033-43.61E.
 WIDE BERTH REQUESTED.
 2. CANCEL THIS MSG 25 OCT 15.
 (220939Z SEP 2015)
- 3148/15(62).
 GULF OF SUEZ.
 DNC 10.
 1. UNDERWATER OPERATIONS IN PROGRESS UNTIL 10 OCT
 BY M/V VOS APOLLO AND M/V VOS APHRODITE
 IN 28-13.24N 033-27.49E.
 WIDE BERTH REQUESTED.
 2. CANCEL THIS MSG 11 OCT 15.
 (220946Z SEP 2015)
- 3149/15(83).
 WESTERN PACIFIC.
 KIRIBATI.
 DNC 06, DNC 12.
 SEVEN FOOT CANOE, WHITE HULL, TWO PERSONS ON BOARD,
 OVERDUE FROM BUARIKI VILLAGE, TARAWA (01-27.40S 175-03.60E).
 LAST KNOWN POSITION 00-08.56N 173-39.15E AT 201800Z SEP.
 VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,
 ASSIST IF POSSIBLE. REPORTS TO TAUPO MARITIME RADIO
 OR MARITIME OPERATIONS NEW ZEALAND, INMARSAT-C: 451200067,
 E-MAIL: MARITIME@KORDIA.CO.NZ.
 (221047Z SEP 2015)

3150/15(93).

GULF OF TONKIN.
VIETNAM.
HAZARDOUS OPERATIONS.
DNC 23.

1. HAZARDOUS OPERATIONS 272300Z TO 301100Z SEP,
ALTERNATE 282300Z SEP TO 011100Z OCT
IN AREA BETWEEN
20-52.98N 20-29.98N AND 107-24.29E 107-48.29E.
2. CANCEL THIS MSG 011200Z OCT 15.

(221300Z SEP 2015)

3151/15 thru 3153/15. CANCELED.

3154/15(81).

WESTERN NORTH PACIFIC.
MARIANA ISLANDS.
HAZARDOUS OPERATIONS.
DNC 12.

1. HAZARDOUS OPERATIONS 231400Z TO 241030Z SEP
WITHIN 12 MILES OF 16-01-06N 146-03-35E.
2. CANCEL THIS MSG 241130Z SEP 15.

(230631Z SEP 2015)

3155/15(81).

WESTERN NORTH PACIFIC.
MARIANA ISLANDS.
HAZARDOUS OPERATIONS.
DNC 12.

1. HAZARDOUS OPERATIONS 232200Z TO 241355Z SEP
IN AREA BOUND BY
13-10N 144-43E, 13-10N 144-30E,
12-45N 144-30E, 11-45N 143-00E,
11-00N 143-00E, 11-00N 144-45E.
2. CANCEL THIS MSG 241455Z SEP 15.

(230633Z SEP 2015)

3156/15(81).

WESTERN NORTH PACIFIC.
DNC 12.

DISTRESS SIGNAL RECEIVED ON 406 MHZ IN 09-15-00N 141-42-07E
AT 230554Z SEP. VESSELS IN VICINITY REQUESTED
TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO U.S. COAST GUARD SECTOR GUAM,
PHONE: 671 355 4824, E-MAIL: RCCGUAM@USCG.MIL.

(230635Z SEP 2015)

3157/15. CANCELED.

3158/15(81).

WESTERN NORTH PACIFIC.
CAROLINE ISLANDS.
DNC 12.

TWO 19 FOOT VESSELS, FIVE PERSONS ON BOARD, DISABLED
AND ADRIFT VICINITY CHUUK ATOLL (07-25N 151-47E).
VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,
ASSIST IF POSSIBLE. REPORTS TO U.S. COAST GUARD SECTOR GUAM,
PHONE: 671 355 4824, E-MAIL: RCCGUAM@USCG.MIL.

(230723Z SEP 2015)

3159/15(97).

WESTERN NORTH PACIFIC.
PHILIPPINE SEA.
DNC 12.

DISTRESS SIGNAL ON 406 MHZ VICINITY
28-22-12N 139-11-05E AT AT 230553Z SEP.
VESSELS IN VICINITY REQUESTED TO KEEP
A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO JAPAN COAST GUARD,
PHONE: 815 2651 4999.

(230730Z SEP 2015)

3160/15(93).

GULF OF TONKIN.
VIETNAM.
DNC 23.

F/V BD 40714 TS SANK DUE TO COLLISION WITHIN SEVEN MILES
OF BACH LONG VI ISLAND (20-08N 107-43E) AT 221900Z SEP.
TEN PERSONS RESCUED, TWO PERSONS REMAIN MISSING.
VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,
ASSIST IF POSSIBLE. REPORTS TO MRCC VIETNAM,
PHONE: 844 3768 3050, FAX: 844 3768 3048,
E-MAIL: VMRCC@FPT.VN.

(230922Z SEP 2015)

SECTION III

NM 40/15

HYDROARCS

Messages in force 231600Z September 2015:

2010 series	193(15)	269(16)	165(42)	263(38)	296(42)
56(15)	220(GEN)	270(16)	217(42)	264(15)	297(42)
102(15)	260(42)	308(41)	220(41,42)	283(41)	298(42)
103(16,41)	2014 series	337(42)	224(41,96)	289(42)	300(41)
2011 series	131(16)	2015 series	227(41)	290(42)	302(42)
160(42)	158(15)	114(15)	241(42)	292(43)	303(41)
2012 series	240(16)	119(15)	242(41)	293(38)	
112(15)	241(16,96)	154(43)	248(15)	294(38)	
160(15,16)	268(16)	164(16,96)	254(41)	295(GEN)	

The summary of all HYDROARCS messages in force as of 17 December 2014 is given in Section III of NM 52/14. Warnings issued during the subsequent quarters are issued in NM 13/15, 26/15 and 39/15.

HYDROARCS WARNINGS issued from 161300Z to 231600Z September 2015.

287/15 and 288/15. CANCELED.

289/15(42).

ARCTIC.
BARENTS SEA.
MISSILES. GUNNERY.
DNC 22.

- HAZARDOUS OPERATIONS 0500Z TO 1700Z DAILY
21 THRU 24 SEP IN AREA BETWEEN
69-34.5N 69-58.0N AND 033-38.5E 034-55.0E.
- CANCEL THIS MSG 241800Z SEP 15.

(170826Z SEP 2015)

290/15(42).

ARCTIC.
BARENTS SEA.
HAZARDOUS OPERATIONS.
DNC 22.

- HAZARDOUS OPERATIONS 202100Z TO 242100Z SEP
IN AREA BETWEEN
69-45N 69-25N AND 037-10E 038-10E.
- CANCEL THIS MSG 242200Z SEP 15.

(170828Z SEP 2015)

291/15. CANCELED.

292/15(43).

NORWEGIAN SEA.
DNC 21.
SEISMIC SURVEY IN PROGRESS UNTIL FURTHER
NOTICE BY M/V WESTERN TRIDENT TOWING 12
7300 METER LONG CABLES IN AREA BETWEEN
65-48N 66-47N AND 009-14E 007-37E.
SIX MILE BERTH REQUESTED.

(181904Z SEP 2015)

293/15(38).

GREENLAND-WEST COAST.
DAVIS STRAIT.
DNC 19, DNC 28.
1. M/V UNREPORTED ILULISSAT (69-13N 051-06W) TO
QASIGIANGUIT (68-49N 051-12W). LAST KNOWN POSITION
VICINITY ILIMANAQ (69-05N 051-07W). VESSELS IN VICINITY
REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO AASIAAT RADIO.
2. CANCEL HYDROARC 251/15.

(190755Z SEP 2015)

294/15(38).

GREENLAND-WEST COAST.
DAVIS STRAIT.
BAFFIN BAY.
DNC 19, DNC 28.
M/V, ONE PERSON ON BOARD, UNREPORTED OQAATSUT/RODEBAY
(69-20.7N 051-00.2W) TO ILLORSUIT (71-14.5N 053-34.0W).
VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,
ASSIST IF POSSIBLE. REPORTS TO AASIAAT RADIO.

(200127Z SEP 2015)

295/15(GEN).

1. HYDROARC WARNINGS IN FORCE AS OF 200800Z SEP 15.
 2010 SERIES: 56(15), 102(15), 103(16,41).
 2011 SERIES: 160(42).
 2012 SERIES: 112(15), 160(15,16), 193(15),
 220(GEN), 260(42).
 2014 SERIES: 131(16), 158(15), 240(16), 241(16,96),
 268(16), 269(16), 270(16), 308(41), 337(42).
 2015 SERIES: 114(15), 119(15), 154(43),
 164(165(42), 165(42), 217(42), 220(41,42),
 224(41,96), 227(41), 241(42), 242(41), 248(15),
 254(41), 261(16,96), 263(38), 264(15), 270(41),
 283(41), 289(42), 290(42), 292(43), 293(38), 294(38).
2. THE SUMMARY OF ALL HYDROARC WARNINGS IN FORCE AS
 OF 17 DEC 2014 IS GIVEN IN SEC III OF NM 52/14.
 WARNINGS ISSUED DURING THE SUBSEQUENT QUARTERS
 ARE SUMMARIZED IN NM 13/15, 26/15 AND 39/15.
3. CANCEL HYDROARC 226/15, 266/15.

(200835Z SEP 2015)

296/15(42).

- BARENTS SEA.
 ROCKETS.
 DNC 22.
1. HAZARDOUS OPERATIONS 2145Z TO 2245Z DAILY
 23 AND 24 SEP:
 A. IN AREA BOUND BY
 73-06N 049-38E, 72-47N 051-49E,
 71-20N 049-34E, 71-38N 047-29E.
 B. WITHIN 50 KILOMETERS OF 74-24N 053-07E.
 2. CANCEL THIS MSG 242345Z SEP 15.

(201841Z SEP 2015)

297/15(42).

- BARENTS SEA.
 HAZARDOUS OPERATIONS.
 DNC 22.
1. HAZARDOUS OPERATIONS 0001Z TO 2359Z DAILY
 22 THRU 25 SEP IN AREAS BOUND BY:
 A. 72-18N 049-32E, 72-03N 050-30E,
 68-53N 043-25E, 69-06N 042-32E.
 B. 76-26N 055-22E, 76-16N 056-46E,
 72-25N 050-35E, 72-32N 049-25E.
 2. CANCEL THIS MSG 260059Z SEP 15.

(201849Z SEP 2015)

298/15(42).

- ARCTIC.
 KARA SEA.
 DNC 22.
1. GEOPHYSICAL SURVEY 22 SEP THRU 23 OCT BY
 M/V KAPITAN VORONIN IN AREA BOUND BY
 72-50.67N 067-06.00E, 72-31.00N 067-06.00E,
 72-18.50N 067-21.05E, 72-09.87N 067-23.07E,
 72-07.15N 068-34.15E, 72-39.55N 068-50.72E,
 72-49.33N 067-24.25E.
 TWO MILE BERTH REQUESTED.
 2. CANCEL THIS MSG 24 OCT 15.

(210840Z SEP 2015)

299/15. CANCELED.

300/15(41).

- ARCTIC.
 EAST SIBERIAN SEA.
 CHUCKCHI SEA.
 DNC 27.
1. SURVEY OPERATIONS IN PROGRESS UNTIL 27 SEP
 BY M/V MIRAI IN AREA BETWEEN
 74-00N 79-00N AND 174-00E 168-58W.
 2. CANCEL HYDROARC 261/15.
 3. CANCEL THIS MSG 28 SEP 15.

(211849Z SEP 2015)

301/15. CANCELED.

302/15(42).

ARCTIC.
BARENTS SEA.
MISSILES. ORDNANCE.
DNC 22.

1. HAZARDOUS OPERATIONS AND BOMBING EXERCISES
1200Z TO 2359Z DAILY 25, 26 AND 28 THRU 30 SEP
IN AREA BOUND BY
71-30N 038-00E, 71-30N 042-00E,
69-45N 042-00E, 69-45N 034-00E,
70-00N 034-00E.
2. CANCEL THIS MSG 010059Z OCT 15.

(220728Z SEP 2015)

303/15(41).

ARCTIC.
EAST SIBERIAN SEA.
SPACE DEBRIS.
DNC 27.

1. HAZARDOUS OPERATIONS 2145Z TO 2245Z DAILY
23 AND 24 SEP WITHIN 27 MILES OF
78-16N 163-55E.
2. CANCEL THIS MSG 242345Z SEP 15.

(220828Z SEP 2015)

304/15 and 305/15. CANCELED.

MARAD ADVISORIES

MARAD ADVISORIES rapidly disseminate information on government policy, danger and safety issues pertaining to vessel operations and other timely maritime matters. They are periodically issued by the U.S. Maritime Administration (MARAD) to vessel masters, operators, and other U.S. maritime interests.

The text of all in-force MARAD ADVISORIES may be obtained by accessing the NGA Maritime Safety Web site (<http://msi.nga.mil/NGAPortal/MSI.portal>), by referring to Section I (paragraph 49) of US Notice to Mariners 1/15 for those in-force as of 23 December 2014, or by contacting the Maritime Administration, Office of Security, Code MAR-420, Room W25-308, 1200 New Jersey Avenue S.E., Washington DC 20590, Telephone (202) 366-1883, FAX (202) 366-3954, Cell (202) 641-5071.

MARAD ADVISORIES in force 23 September 2015: 05-1, 06-1, 07-1, 10-6, 11-3, 11-5, 12-1, 13-2, 13-3, 13-4, 13-5, 14-1, 14-2, 14-3, 15-1 and 15-2.

SPECIAL WARNINGS

SPECIAL WARNINGS, primarily intended to announce official government proclamations affecting shipping, are broadcast as needed. They are numbered consecutively and further promulgated in the Notice to Mariners.

The text of all in-force SPECIAL WARNINGS may be obtained by accessing the NGA Maritime Safety Web site (<http://msi.nga.mil/NGAPortal/MSI.portal>) or by referring to Section I (paragraph 5) of US Notice to Mariners 1/15 for those in-force as of 23 December 2014 and in Notice to Mariners 4/15, 33/15.

SPECIAL WARNINGS in force 23 September 2015: 1, 29, 92, 114, 119, 120, 122, 123, 124, 127, 128, 129, 130, 131 and 133.

MARINE INFORMATION**NGA SEEKING INPUT FOR A NEW EDITION OF THE AMERICAN PRACTICAL NAVIGATOR**

NGA's Maritime Safety Office is currently updating Pub No 9 - The American Practical Navigator (popularly known as "Bowditch") with a new edition scheduled for release in early 2017. NGA is seeking your critical feedback regarding Bowditch content to ensure the publication remains the most relevant reference work on the practice of modern marine navigation. Your ideas and suggestions are important to NGA and will shape the content found in the new edition. Please go to the one of the following "Bowditch Survey" links and provide feedback on the areas you are familiar with:

Prepopulated Microsoft Outlook form:

<http://msi.nga.mil/MSISiteContent/StaticFiles/Files/Survey.oft>

Microsoft Word document:

<http://msi.nga.mil/MSISiteContent/StaticFiles/Files/Survey.docx>

Please email the completed Microsoft Word document to Bowditch2017@nga.mil

Please share this announcement with other interested parties working in related fields contained within the publication. NGA thanks you in advance for your participation.

NGA CHART NEW EDITIONS AND THEIR AVAILABILITY

NGA standard nautical hardcopy chart products are made available and distributed by three different authorized methods:

- 1) The mailing and shipping of charts to Department of Defense (DoD) customers and other authorized U.S. Government users by the Defense Logistics Agency (DLA)
- 2) The posting of selected new charts (as large pdf print files) to NGA websites for access by Department of Defense (DoD) customers and other authorized U.S. Government users
- 3) The print-on-demand access of all public release NGA charts by the National Ocean Service (NOS) and official NOS chart agents, on behalf of NGA

The posting of selected new NGA charts (as large pdf print files) to NGA websites for access by Department of Defense (DoD) customers and other authorized U.S. Government users is normally made the day after NGA clears the New Edition for release and the chart is sent to be printed in mass quantity for DLA stock. The traditional NGA printed paper chart is then usually available some six to eight weeks later from DLA and sent out on automatic distribution. For those charts set for public sale, they are available a week after NGA release from the National Ocean Service at

<http://www.nauticalcharts.noaa.gov/staff/charts.htm>

Regardless of how the NGA chart is obtained by the customer (downloaded from NGA website, distributed from DLA, or obtained through NOS) each is official, should be put into service immediately, and meets all Federal chart carriage requirements immediately upon its release. Each should also be updated from the dates shown in the lower left corner of the chart through the US Notice to Mariners. For questions, contact NGA at mcdepod@nga.mil.

Through a special arrangement between the National Ocean Service and NGA, all NOAA charts are also available (as large pdf print files) on the NGA websites for Department of Defense (DoD) customers and other authorized U.S. Government users. These NOAA chart files are updated every week for all Notice to Mariners (NGA, USCG, and Canadian Coast Guard). The official NGA web sites for downloading selected NGA and NOAA charts are:

- JWICS: <http://www.geoint.nga.ic.gov/products/dnc1/epods/index.htm>

- NIPRNet: <https://www.geointel.nga.mil/products/dnc/epods/index.htm>

- SIPRNet: <http://www.geoint.nga.smil.mil/products/dnc1/epods/index.htm>

This week's new editions released by NGA are listed below. These NGA charts are now available for download as large pdf print files at the above mentioned web sites.

29323	4 th Ed. Sept. 19, 2015 NEW EDITION MCMURDO STATION AND VICINITY (Correct through NM 38/15).	WGS	(NGA Springfield, VA) 1:5,000
52122	17 th Ed. Sept. 12, 2015 NEW EDITION PORT OF BARCELONA (Correct through NM 37/15).	WGS	(NGA Springfield, VA) 1:12,500 Limited Distribution
53106	8 th Ed. Sept. 12, 2015 NEW EDITION GOLFO DELLA SPEZIA (Correct through NM 37/15).	WGS	(NGA Springfield, VA) 1:30,000 Limited Distribution
61433	2 nd Ed. Sept. 12, 2015 NEW EDITION APPROACHES TO HELODRANO BOMBETOKA (Correct through NM 37/15).	WGS	(NGA Springfield, VA) 1:100,000 Limited Distribution
62000	21 st Ed. Sept. 26, 2015 NEW EDITION GULF OF ADEN (Correct through NM 39/15).	WGS	(NGA Springfield, VA) 1:1,000,000
62313	5 th Ed. Sept. 26, 2015 NEW EDITION PORT SALALAH (MINA' RAYSUT) TO BANDAR JANJARI (Correct through NM 39/15).	WGS	(NGA Springfield, VA) 1:125,000 Limited Distribution

NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY'S IMPLEMENTATION OF A HARDCOPY TO DIGITAL TRANSITION STRATEGY

Since the mid-1990's, the National Geospatial-Intelligence Agency (NGA) has been working to improve digital navigation product support for the US Navy and other US Government users. The US Navy is transitioning to digital navigation, thus reducing the need for NGA to continue production of hardcopy charts. Therefore, NGA has begun a gradual transition from hardcopy chart production to a digital data maintenance environment. This notice is to advise mariners, chart agents, and other users of this strategy.

During the gradual transition from hardcopy charts to digital charts, NGA will continue to make certain hardcopy charts available only to US Government-approved entities, in accordance with US law or international agreement. These particular charts will be identified as "bilateral charts," since they are the product of international bilateral agreements and are duplicates of foreign copyright charts. Each bilateral chart will carry an NGA chart number, a National Stock Number (NSN), a bar code, and will show the number of any existing NGA chart that it replaces only when the chart is a one-for-one replacement. For those charts that are not a one-for-one replacement, no canceled chart number will appear. In the case where more than one new chart is being introduced to replace a single NGA chart, the existing chart will not be canceled until all new replacement charts have been announced in the Notice to Mariners.

Bilateral charts are the result of NGA international agreements and are duplicates of foreign copyrighted charts. The charts are printed in English, use metric units, refer to WGS-84 datum and are marked as "Distribution Limited." However, certain bilateral charts have not yet been converted to WGS-84 datum, and are of sufficiently large scale (generally larger than 1:50,000) where the difference from WGS-84 datum is noticeable. These exception charts are printed with datum shift values, which must be applied in order to plot GPS-derived positions correctly. The exception charts are scheduled for eventual conversion to WGS-84 datum; until this occurs, their chart numbers will appear bold-faced in the announcement list below.

Bilateral charts will contain references to host nation charts and publications, and may use symbology not yet found in US Chart No. 1. In most cases, NGA will not attempt to change these references to the equivalent US charts, publications or symbology. However, it should be noted that relevant maritime information referenced in a foreign publication can also usually be found within Sailing Directions, Notice to Mariners No. 1 (Special Paragraphs), List of Lights, Radio Navigational Aids, or Chart No. 1. Updates to Sailing Directions and other electronic publications can be made through the application of digital patch files (PDU files), available for download from the NGA Maritime Safety Web site.

As the US Navy completes its transition to digital navigation, the use of bilateral charts will be gradually phased out. Until then, Section II of the Notice to Mariners, NGA/DLIS Catalog Corrections, will contain information about specific bilateral charts being announced as well as cancellation of any existing charts that they replace. Update information for bilateral charts will appear in Section I of the Notice to Mariners, Chart Corrections. Standard chart policy remains intact, in that NGA charts are not to be placed in service until their announcement appears in the US Notice to Mariners.

NGA has begun adopting bilateral charts in waters of Australia, Canada, Japan, and the UK, with additional countries to follow. What this further means is that NGA no longer provides certain hardcopy charts (i.e., those replaced by bilateral charts) for public sale. To obtain these hardcopy charts, civilian users will be required to purchase bilateral chart equivalents from their producer nations and their agents. Contact information for purchasing Australian, Canadian, Japanese, and UK charts is listed below:

Australian Hydrographic Service Web site: <http://www.hydro.gov.au>

Australian Distribution Network: <http://www.hydro.gov.au/prodserv/distributors/distributors.htm>

Canadian Hydrographic Service Web site: <http://notmar.com/charts/index.php>

Canadian Sales Agents: <http://www.chs-shc.dfo-mpo.gc.ca/chs/en/Dealers/locate.htm>

Japan Coast Guard and List of Agents Web sites: <http://www1.kaiho.mlit.go.jp/jhd-E.html>

UK Hydrographic Office Web site: <http://www.ukho.gov.uk>

UK Sales Agents: http://www.ukho.gov.uk/list_of_agents.html

NGA issues this notice weekly. It will also appear in the “What’s New @ Maritime” section of the Maritime Safety Web site (<http://msi.nga.mil/NGAPortal/MSI.portal>); however, the following list of announced bilateral charts will only appear in the Notice to Mariners.

NGA bilateral Australian, Canadian, Japanese, and UK charts announced to date:

<i>Former US Chart No.</i>	<i>Current US Chart No.</i>	<i>Foreign Chart No.</i>	<i>Originally Announced in NTM</i>	<i>Later Edition</i>
14002	14ACO14000	Can. 4023	23/04	
14005	14ACO14001	Can. 4012	23/04	
14006	14ACO14334	Can. 4016	9/09	
14009	14ACO14004	Can. 4015	23/04	
14009	14ACO14011	Can. 4047	23/04	
14009	14ACO14012	Can. 4002	29/04	
14009	14ACO14013	Can. 4013	29/04	
14009	14ACO14015	Can. 4045	29/04	
14014	14ACO14013	Can. 4013	29/04	
14040	14ACO14016	Can. 4010	29/04	
14041	14XHA14019	Can. 4011	29/04	
14042	14XHA14020	Can. 4396	1/05	35/12
14043	14AHA14021	Can. 4116	8/05	42/08
14044	14AHA14022	Can. 4117	14/05	36/12
14046	14BHA14023	Can. 4140	14/05	
14062	14XCO14025	Can. 4118	43/04	
14062	14XCO14026	Can. 4243	12/05	
14065	14BHA14027	Can. 4245	12/05	
14066	14XCO14026	Can. 4243	12/05	
14066	14XHA14028	Can. 4230	14/05	
14066	14XGA14029	Can. 4241	14/05	
14066	14XHA14030	Can. 4242	33/05	
14066	14XHA14031	Can. 4210	33/05	

<i>Former US Chart No.</i>	<i>Current US Chart No.</i>	<i>Foreign Chart No.</i>	<i>Originally Announced in NTM</i>	<i>Later Edition</i>
14067	14XHA14029	Can. 4241	14/05	
14067	14XHA14032	Can. 4209	47/05	15/15
14068	14XHA14032	Can. 4209	47/05	15/15
14083	14AHA14035	Can. 4211	18/11	
14083	14AHA14036	Can. 4320	45/05	34/07
14085	14AHA14037	Can. 4328	45/05	
14087	14AHA14039	Can. 4385	46/05	
14088	14AHA14047	Can. 4201	46/05	
14089	14AHA14048	Can. 4202	39/06	
14090	14AHA14049	Can. 4237	6/05	
14091	14AHA14050	Can. 4203	48/06	
14093	14AHA14051	Can. 4236	25/07	
14100	14XHA14052	Can. 4235	25/07	
14100	14XHA14053	Can. 4234	25/07	
14105	14AHA14054	Can. 4321	22/07	
14115	14XCO14058	Can. 4227	29/04	
14121	14XHA14059	Can. 4374	23/07	
14123	14XHA14060	Can. 4375	23/07	
14125	14AHA14064	Can. 4376	22/07	
14133	14XHA14072	Can. 4278	23/07	
14134	14XHA14073	Can. 4279	23/07	
14136	14AHA14075	Can. 4266	25/07	15/15
14141	14AHA14076	Can. 4462	22/07	
14144	14XHA14143	Can. 4950	38/03	15/15
14145	14AHA14077	Can. 4448	22/07	
14146	14XHA14078	Can. 4404	25/07	15/15
14151	14XHA14079	Can. 4403	23/07	
14156	14BHA14080	Can. 4419	22/07	
14190	14ACO14096	Can. 4905	6/09	
14202	14XHA14193	Can. 1432	38/03	
14202	14XHA14195	Can. 1431	42/03	11/08
14203	14XHA14195	Can. 1431	42/03	11/08
14221	14XHA14209	Can. 1311	32/08	15/15
14221	14XHA14211	Can. 1312	40/03	15/15
14222	14XHA14211	Can. 1312	40/03	15/15
14227	14XHA14215	Can. 1316	39/03	38/12
14240	14XHA14217	Can. 1236	43/03	15/15
14241	14XHA14218	Can. 1233	39/03	14/15
14253	14ACO14004	Can. 4015	23/04	
14340	14ACO14334	Can. 4016	9/09	
14342	14BCO14336	Can. 4626	11/10	
14349	14AHA14339	Can. 4622	10/09	
14350	14AHA14334	Can. 4841	12/10	
14351	14AHA14334	Can. 4841	12/10	
14360	14ACO14348	Can. 4017	12/10	
14364	14AHA14359	Can. 4846	25/09	
14373	14BHA14362	Can. 4847	12/10	
14415	14ACO14377	Can. 4020	12/10	
14812	14XHA14809	Can. 2085	6/09	39/12
15008	15ACO15001	Can. 4730	12/10	
15011	15ACO15002	Can. 7050	16/08	
15017	15ACO15003	Can. 5450	33/07	
15018	15ACO15004	Can. 4700	12/10	
15020	15ACO15005	Can. 7011	12/10	
15041	15ACO15007	Can. 4731	41/08	

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<i>Former US Chart No.</i>	<i>Current US Chart No.</i>	<i>Foreign Chart No.</i>	<i>Originally Announced in NTM</i>	<i>Later Edition</i>
15061	15ACO15014	Can. 4732	42/08	
15070	15BHA15024	Can. 5143	6/09	
15080	15BHA15027	Can. 5023	46/07	
15120	15ACO15030	Can. 4775	31/07	
15140	15ACO15031	Can. 4776	12/10	
15160	15ACO15032	Can. 5300	34/08	
15312	15ACO15035	Can. 5400	6/09	
15670	15XCO15672	Can. 7570	44/09	
17008	17ACO17007	Can. 3002	40/08	
17005	17ACO17010	Can. 3001	41/14	
17412	17XHA17410	Can. 3890	40/08	
17413	17ACO17411	Can. 3802	42/08	
17414	17BCO17415	Can. 3854	42/08	
17416	17BCO17417	Can. 3853	41/08	
17438	17BHA17418	Can. 3960	43/08	
17438	17BHA17419	Can. 3959	41/08	
17438	17BHA17440	Can. 3956	12/10	
17441	17BHA17442	Can. 3927	12/07	
17441	17BHA17447	Can. 3746	25/07	
17444	17XHA17448	Can. 3955	32/08	15/15
17445	17BHA17439	Can. 3957	12/10	
17464	17XHA17450	Can. 3724	12/10	
17465	17XHA17451	Can. 3742	41/08	
17480	17ACO17454	Can. 3744	12/10	
17485	17XHA17456	Can. 3936	44/09	15/15
17486	17XCO17458	Can. 3727	13/09	
17489	17XHA17488	Can. 3598	12/10	
17495	17ACO17493	Can. 3605	6/07	
17513	17XHA17497	Can. 3539	8/05	1/08
17515	17XHA17496	Can. 3513	6/09	
17517	17XHA17498	Can. 3512	44/09	
17518	17BHA17499	Can. 3463	31/07	
17519	17BHA17500	Can. 3526	23/07	
17543	17ACO17501	Can. 3604	1/08	
17546	17XCO17510	Can. 3603	31/10	
17548	17BCO17511	Can. 3671	31/07	
17550	17ACO17514	Can. 3602	24/07	
18401	18BHA18404	Can. 3459	42/08	44/10
18405	18BHA18426	Can. 3493	25/07	49/11
18406	18BHA18435	Can. 3481	23/07	36/12
18407	18BHA18436	Can. 3494	12/07	15/15
18408	18BHA18437	Can. 3495	42/08	15/15
18413	18BHA18442	Can. 3442	31/07	
18414	18XHA18451	Can. 3478	31/07	15/15
18415	18BHA18461	Can. 3441	24/07	
18416	18AHA18462	Can. 3440	24/07	
18418	18AHA18466	Can. 3419	24/07	15/15
18420	18BHA18467	Can. 3479	12/07	16/08
18475	18XHA18472	Can. 3685	43/08	
35009	35ACO35002	UK 266	19/04	3/07
35009	35ACO35003	UK 268	19/04	1/12
35009	35ACO35004	UK 273	19/04	1/12
35009	35ACO35005	UK 278	23/04	4/07
35009	35ACO35006	UK 1191	24/04	8/13
35009	35ACO35010	UK 1192	28/04	12/06

<i>Former US Chart No.</i>	<i>Current US Chart No.</i>	<i>Foreign Chart No.</i>	<i>Originally Announced in NTM</i>	<i>Later Edition</i>
35009	35ACO35013	UK 1409	23/04	35/13
35009	35ACO35014	UK 1407	23/04	33/09
35016	35ACO35015	UK 2635	26/06	31/12
35022	35ACO35017	UK 1128	16/08	21/12
35023	35ACO35018	UK 1129	37/07	
35031	35ACO35019	UK 1127	4/06	6/08
35032	35ACO35020	UK 1125	7/07	
35036	35ACO35024	UK1123	3/07	20/07
35040	35ACO35006	UK 1191	24/04	8/06
35060	35ACO35010	UK 1192	28/04	
35080	35ACO35014	UK 1407	23/04	33/09
35081	35BHA35035	UK 734	28/04	23/14
35082	35BHA35037	UK 735	31/04	2/12
35084	35BHA35045	UK 1481	32/04	8/13
35086	35BHA35048	UK 736	32/04	34/14
35088	35BHA35050	UK 190	28/04	9/13
35100	35ACO35013	UK 1409	23/04	49/04
35101	35BHA35052	UK 223	33/04	3/12
35120	35ACO35055	UK 115	23/04	34/13
35130	35ACO35056	UK 1942	12/06	35/13
35135	35ACO35057	UK 2249	27/07	39/10
35136	35ACO35058	UK 2250	27/07	39/10
35141	35ACO35059	UK 2162	21/07	33/09
35144	35XCO35062	UK 2584	27/07	49/08
35150	35ACO35063	UK 1119	27/07	11/13
35155	35ACO35064	UK 1234	27/07	
35159	35ACO35065	UK 3271	30/07	39/10
35160	35ACO35066	UK 1233	27/07	11/13
35163	35ACO35067	UK 3272	27/07	
35166	35ACO35068	UK 3283	27/07	39/10
35169	35ACO35071	UK 3281	29/07	25/13
35170	35ACO35072	UK 3282	30/07	25/13
35200	35ACO35001	UK 1954	28/04	33/09
35205	35ACO35073	UK 2720	27/07	10/13
35210	35ACO35074	UK 1785	27/07	6/08
35220	35ACO35075	UK 2721	37/07	8/13
35230	35ACO35078	UK 1794	24/07	27/13
35236	35AHA35079	UK 2207	28/07	39/10
35237	35AHA35089	UK 2208	30/07	25/13
35239	35AHA35090	UK 2210	28/07	18/13
35243	35BHA35091	UK 3146	37/07	6/08
35246	35ACO35092	UK 1795	21/07	13/10
35247	35AHA35093	UK 1796	28/07	39/10
35248	35BHA35094	UK 2209	38/07	
35250	35BHA35095	UK 2540	29/07	17/13
35255	35AHA35096	UK 2171	30/07	23/14
35256	35AHA35097	UK 2390	24/07	35/13
35260	35ACO35104	UK 2722	27/07	8/13
35265	35ACO35106	UK 1778	27/07	33/09
35270	35AHA35109	UK 2169	29/07	24/14
35272	35ACO35110	UK 1770	12/07	
35277	35BHA35113	UK 2326	22/06	23/14
35278	35BHA35114	UK 2343	4/06	23/14
35279	35BHA35115	UK 2397	29/06	23/14
35295	35BHA35116	UK 2481	22/06	23/14

SECTION III

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<i>Former US Chart No.</i>	<i>Current US Chart No.</i>	<i>Foreign Chart No.</i>	<i>Originally Announced in NTM</i>	<i>Later Edition</i>
35296	35BHA35117	UK 2396	25/06	23/14
35298	35BHA35118	UK 2168	7/07	23/14
35299	35ACO35119	UK 2724	26/06	5/07
35300	35ACO35121	UK 2723	18/06	
35302	35ACO35123	UK 2798	46/05	22/14
35307	35ACO35126	UK 2199	5/06	8/13
35308	35ACO35127	UK 2198	25/06	44/12
35310	35ACO35128	UK 2725	27/06	
35350	35ACO35131	UK 2173	12/07	
35380	35ACO35138	UK 2254	30/06	
35390	35ACO35139	UK 2423	22/06	
35400	35ACO35140	UK 2424	5/06	
35420	35ACO35147	UK 2049	18/06	10/13
35421	35AHA35148	UK 1777	46/05	
35423	35AHA35149	UK 1773	46/05	
35424	35AHA35151	UK 1765	46/05	26/10
35011	35XCO35172	UK 219	8/08	17/13
36010	36ACO36000	UK 1121	26/06	
36015	36ACO36001	UK 2649	47/05	
36040	36ACO36002	UK 1410	47/05	
36060	36ACO36006	UK 1141	12/07	
36061	36BHA36007	UK 1468	20/07	
36062	36BHA36008	UK 1415	4/06	44/12
36063	36BHA36009	UK 1447	12/07	9/13
36081	36BHA36011	UK 1753	7/07	34/14
36098	36AHA36012	UK 2221	47/05	
36103	36BHA36014	UK 2126	9/07	
36104	36BHA36016	UK 2220	6/07	
36106	36BHA36017	UK 2131	47/05	38/11
36108	36BHA36018	UK 2000	4/06	13/12
36110	36BHA36019	UK 2007	8/06	18/11
36115	36BHA36020	UK 1994	3/07	21/14
36116	36AHA36021	UK 1867	23/05	26/10
36117	36BHA36022	UK 1907	11/07	
36118	36BHA36023	UK 2383	25/06	
36119	36BHA36024	UK 2491	4/06	
36120	36ACO36025	UK 1826	13/07	24/13
36127	36BHA36030	UK 3746	32/06	23/14
36128	36BHA36030	UK 3746	32/06	23/14
36137	36AHA36032	UK 1478	39/04	37/13
36138	36AHA36033	UK 3275	39/04	34/13
36139	36BHA36034	UK 3274	39/04	35/13
36140	36ACO36035	UK 1178	39/04	10/13
36141	36BHA36036	UK 2878	41/04	37/13
36161	36BHA36039	UK 1152	52/04	45/12
36162	36BHA36041	UK 1182	1/05	45/12
36163	36BHA36042	UK 1176	1/05	40/13
36165	36BHA36044	UK 1165	17/05	52/12
36180	36ACO36049	UK 2565	27/05	9/13
37043	37AHA37003	UK 1267	15/06	
37044	37AHA37004	UK 30	25/05	39/10
37045	37AHA37006	UK 1901	25/05	34/13
37046	37AHA37007	UK 1613	34/05	25/13
37047	37XHA37008	UK 1902	25/05	22/13
37060	36ACO36050	UK 442	25/05	

<i>Former US Chart No.</i>	<i>Current US Chart No.</i>	<i>Foreign Chart No.</i>	<i>Originally Announced in NTM</i>	<i>Later Edition</i>
37075	37ACO37015	UK 2454	25/08	1/12
37079	37AHA37016	UK 2625	32/05	34/13
37081	37AHA37017	UK 2045	32/05	25/13
37083	37AHA37019	UK 2037	25/05	31/13
37084	37AHA37020	UK 2036	5/06	27/13
37086	37AHA37021	UK 2631	31/05	18/13
37119	37AHA37027	UK 1698	8/06	45/14
37122	37AHA37028	UK 1828	19/05	40/13
37141	37AHA37040	UK 1607	9/05	21/14
37145	37AHA37051	UK 1185	37/04	21/14
37147	37BHA37052	UK 1975	36/04	21/14
37150	37ACO37055	UK 1504	37/04	40/13
37170	37ACO37057	UK 1503	38/04	29/14
37175	37ACO37058	UK 1187	38/04	8/08
37180	37ACO37059	UK 1190	38/04	40/14
37182	37AHA37062	UK 109	38/04	33/09
37183	37BHA37066	UK 1188	6/05	34/14
74071	74BHA74072	Aus. 615	35/07	
74071	74BHA74073	Aus. 616	35/07	
74071	74BHA74074	Aus. 617	35/07	
74141	74XHA74142	Aus. 618	35/07	
74141	74XHA74143	Aus. 610	35/07	
74151	74AHA74154	Aus. 809	12/07	
74152	74BHA74150	Aus. 208	8/07	44/10
74153	74BHA74155	Aus. 207	8/07	
74162	74BCO74163	Aus. 811	13/07	
74162	74BCO74164	Aus. 810	13/07	
74183	74AHA74180	Aus. 237	9/07	
74186	74AHA74189	Aus. 238	47/05	
74192	74BHA74213	Aus. 818	9/07	
74201	74BHA74199	Aus. 246	8/07	
74202	74BHA74208	Aus. 247	13/07	
74204	74BHA74209	Aus. 819	14/07	
74205	74BHA74244	Aus. 245	45/10	
74206	74AHA74212	Aus. 244	15/07	
74210	74BCO74245	Aus. 820	13/07	
74221	74BCO74227	Aus. 821	11/07	
74229	74BHA74226	Aus. 250	13/07	
74229	74BCO74246	Aus. 824	16/08	
74229	74BCO74247	Aus. 249	16/08	26/13
74231	74BHA74226	Aus. 250	13/07	
74232	74BHA74216	Aus. 256	10/07	
74234	74BHA74237	Aus. 257	11/07	45/10
74252	74BCO74258	Aus. 263	41/10	
74253	74BCO74262	Aus. 830	13/07	
74271	74BCO74275	Aus. 833	18/07	
74271	74BCO74277	Aus. 280	35/07	
74272	74BHA74267	Aus. 834	13/07	
74287	74BHA74279	Aus. 289	52/06	
74293	74ACO74311	Aus. 839	12/06	25/13
74294	74BCO74300	Aus. 292	47/05	
74294	74ACO74311	Aus. 839	12/06	
74310	74BCO74395	Aus. 302	18/07	
74320	74BCO74313	Aus. 303	18/07	
74330	74BCO74387	Aus. 304	52/06	

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<i>Former US Chart No.</i>	<i>Current US Chart No.</i>	<i>Foreign Chart No.</i>	<i>Originally Announced in NTM</i>	<i>Later Edition</i>
74340	74BCO74384	Aus. 305	35/07	
74350	74BCO74383	Aus. 306	35/07	44/10
74376	74BCO74377	Aus. 715	35/07	
74391	74BHA74390	Aus. 720	35/07	
74391	74BHA74396	Aus. 721	35/07	
74393	74BHA74397	Aus. 26	47/06	
74394	74BHA74397	Aus. 26	47/06	
74415	74ACO74416	Aus. 726	35/07	
74430	74ACO74431	Aus. 315	22/08	48/08
74450	74ACO74451	Aus. 319	34/07	48/08
74517	74ACO74031	Aus. 743	12/06	
74521	75AHA75147	Aus. 744	19/06	
74555	74ACO74593	Aus. 334	34/07	
74581	74AHA74585	Aus. 112	18/07	
75010	75ACO75111	Aus. 341	36/07	
75010	75ACO75114	Aus. 342	36/07	
75110	75ACO75111	Aus. 341	36/07	
75120	75ACO75114	Aus. 342	36/07	
75132	75BHA75137	Aus. 137	19/06	42/08
75170	75ACO75166	Aus. 788	14/06	
75170	75ACO75167	Aus. 789	14/06	
75170	75ACO75168	Aus. 790	17/06	
75171	75AHA75164	Aus. 144	44/10	
75171	75AHA75165	Aus. 143	21/06	20/08
75171	75AHA75174	Aus. 158	18/06	25/13
75173	75AHA75174	Aus. 158	18/06	
75175	75AHA75178	Aus. 154	18/06	24/13
75261	75AHA75274	Aus. 808	11/07	
75264	75AHA75269	Aus. 201	12/07	
75264	75AHA75267	Aus. 202	48/06	
75265	75AHA75266	Aus. 197	17/07	
95261	95BCO95263	Jpn. W145	9/12	
95264	95BHA95266	Jpn. W1155A	5/12	21/15
95268	95BHA95122	Jpn. W1162A	52/12	
95258	95BHA95257	Jpn. W1160	23/14	
95271	95BHA95277	Jpn. W1183	5/13	
95272	95BHA95278	Jpn. W1162B	1/13	
95273	95BHA95279	Jpn. W1197	5/12	
95276	95BHA95284	Jpn. W1193	46/10	
95282	95BHA95288	Jpn. W1167	10/11	
95285	95BHA95289	Jpn. W1166	29/12	
95342	95AHA95339	Jpn. W1265	46/12	
96940	96BHA96933	Jpn. W7	51/12	
96941	96BCO96932	Jpn. W28	20/15	
96942	96BHA96931	Jpn. W5	21/11	
96961	96BHA96951	Jpn. W1033A	46/10	21/14
97041	97BHA97044	Jpn. W65	21/11	38/12
97042	97XHA97045	Jpn. W71	46/11	
97043	97XHA97046	Jpn. W1091	45/11	12/12
97060	97ACO97050	Jpn. W54	46/11	1/13
97062	97BHA97053	Jpn. W79	20/15	
97063	97XHA97054	Jpn. W1099	16/13	
97063	97XHA97058	Jpn. W1093	36/13	18/15
97064	97BHA97055	Jpn. W1100	39/12	3/14
97082	97BHA97084	Jpn. W64A	9/12	22/15

<i>Former US Chart No.</i>	<i>Current US Chart No.</i>	<i>Foreign Chart No.</i>	<i>Originally Announced in NTM</i>	<i>Later Edition</i>
97083	97BHA97085	Jpn. W64B	9/12	34/14
97104	97BHA97093	Jpn. W63	26/12	
97108	97BHA97095	Jpn. W1049	38/12	3/14
97141	97BHA97132	Jpn. W1067	52/12	
97143	97AHA97133	Jpn. W1062	11/11	
97144	97AHA97134	Jpn. W1081	9/11	52/12
97146	97AHA97135	Jpn. W1083	46/10	
97148	97XHA97136	Jpn. W1085	18/11	
97149	97AHA97137	Jpn. W66	46/10	3/14
97150	97XHA97139	Jpn. W67	46/10	
97151	97AHA97168	Jpn. W1061	21/11	
97154	97BHA97171	Jpn. W1042	52/11	
97155	97BHA97172	Jpn. W1065	21/11	
97156	97BHA97173	Jpn. W92	49/11	
97158	97AHA97175	Jpn. W1066	21/15	
97181	97BHA97089	Jpn. W1051	42/12	
97182	97BHA97090	Jpn. W1053	21/12	
97183	97BHA97028	Jpn. W95	16/13	21/15
97184	97BHA97030	Jpn. W1055A	49/11	37/13
97185	97BHA97031	Jpn. W1057B	49/11	
97188	97BHA97033	Jpn. W1052	38/12	
97189	97BHA97034	Jpn. W1055B	49/11	
97201	97XHA97037	Jpn. W75	21/15	
97204	97AHA97191	Jpn. W131	11/11	
97218	97BHA97216	Jpn. W134B	37/13	
97220	97BHA97197	Jpn. W1103	29/12	
97221	97AHA97198	Jpn. W106	11/11	
97225	97AHA97210	Jpn. W150A	46/11	
97226	97XHA97211	Jpn. W1110	3/12	29/14
97227	97XHA97212	Jpn. W1146	30/13	
97228	97AHA97213	Jpn. W123	29/14	
97229	97AHA97214	Jpn. W101A	29/12	
97230	97AHA97215	Jpn. W101B	20/12	
97233	97BHA97252	Jpn. W153	12/11	21/14
97234	97BHA97253	Jpn. W137A	45/11	3/14
97235	97BHA97254	Jpn. W165	27/13	
97236	97BHA97255	Jpn. W137B	46/11	3/14
97237	97BHA97256	Jpn. W1121	6/12	
97241	97BHA97259	Jpn. W1124	21/11	
97251	97BHA97292	Jpn. W128	21/15	
97261	97BHA97293	Jpn. W141	12/11	49/11
97262	97BHA97294	Jpn. W104	12/11	
97263	97BHA97295	Jpn. W132	9/11	
97263	97BHA97965	Jpn. W1361	45/11	
97272	97BHA97306	Jpn. W126	46/11	
97274	97AHA97308	Jpn. W127	9/11	
97277	97AHA97311	Jpn. W1102	40/13	
97280	97BHA97315	Jpn. W1106	45/11	
97285	97AHA97319	Jpn. W1262	11/11	21/15
97286	97AHA97321	Jpn. W1263	11/11	21/15
97287	97AHA97322	Jpn. W1264	11/11	21/14
97303	97BHA97324	Jpn. W110	6/12	
97340	97ACO97327	Jpn. W1221	42/13	
97343	97BHA97330	Jpn. W214A	21/14	
97360	97ACO97333	Jpn. W1222	40/13	

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<i>Former US Chart No.</i>	<i>Current US Chart No.</i>	<i>Foreign Chart No.</i>	<i>Originally Announced in NTM</i>	<i>Later Edition</i>
97383	97BHA97337	Jpn. W206	3/12	
97391	97BHA97351	Jpn. W202	21/15	
97410	97XHA97358	Jpn. W166	6/12	
97423	97BHA97363	Jpn. W1227	3/14	
97465	97BHA97370	Jpn. W222A	49/11	
97466	97AHA97371	Jpn. W243	13/12	
97469	97AHA97373	Jpn. W228B	48/11	
97481	97BCO97375	Jpn. W1205	49/11	
97343	97BHA97567	Jpn. 214B	21/14	
97563	97AHA97568	Jpn. W50	4/12	

MARINE INFORMATION REPORT AND SUGGESTION SHEET INSTRUCTIONS

We value your suggestions to improve our products. The Marine Information Report and Suggestion Sheet is provided for users to submit corrective information. Please be complete and accurate in your description/suggestion and include the information as detailed below:

Observer: name(s) of person(s) making observation and rank, rate or title.

Ship/Organization: name of vessel or organization.

Address: complete mailing address. Also include telephone number, fax, and/or e-mail address, if available, in case clarification is required.

Date of Observation: day, month and year at which the observation was made.

Time of Observation: local time at which the observation was made.

Latitude/Longitude: exact position of the observation expressed as accurately as possible.

Datum: horizontal datum to which the observed position is referred (e.g. WGS, NAD83, local foreign datum, etc.).

Navigation System: method used to determine the position of the observation (e.g. radar, GPS, Loran, etc.).

Include details about the equipment used, if deemed pertinent.

Verified by Navigator: indicate whether observation was verified by navigator.

Product(s) Affected: product number(s) and/or name(s) to which the observation applies (e.g. Chart 62400, Sailing Directions Pub. 127, etc.).

Edition: edition number and/or year of affected product.

Latest correction applied: the latest Notice to Mariners to which your copy of affected product has been corrected.

Sounding sensor or method used: equipment or method used to collect soundings. When reporting soundings, please provide an annotated echogram, if available, for verification.

Soundings corrected for draft: indicate whether soundings have been corrected for vessel's draft. If not, please include observed draft along with the details of information reported.

Details of Information Reported: use this space to provide details of the observation/suggestion. When referring to a charted feature, please describe it exactly as it appears on the chart. When referring to a publication, please indicate page number(s) and line number(s) or station number(s) as applicable. Use additional sheets as necessary and include diagrams, photocopies of the product(s) involved and/or photographs to describe observations in greater detail. If possible, include the designation, point of contact, telephone number, fax number and/or e-mail address of the local port authority to enable NGA to update our records and obtain additional or later information.

User Feedback: use this space to provide feedback and suggestions for improving NGA products and services.

Please detach, fold and mail the pre-addressed form and include any other relevant material or supporting information.

Reports which present an immediate hazard to navigation should be sent to the nearest NAVAREA Coordinator via coast radio stations. In general, these hazards would include major aids to navigation anomalies, discovery of obstructions or shoals with depths of less than 30 meters, floating dangers to shipping, and any situation deemed critical to safety of life at sea. For further information consult Notice to Mariners No. 1, paragraph 43 (Worldwide Navigational Warning Service).

Due to the large volume of information received, NGA cannot acknowledge receipt of every report. Some reports containing useful data are filed for use in the compilation of the next edition of the affected product. Others confirm or clarify previously reported information. Echogram traces are digitized and become part of our Bathymetric Database. Acknowledgment is made by inclusion in the Observer's List of the Notice to Mariners (page ii), or in some cases by letter from the Agency involved.

For additional information about various Hydrographic Reports, consult The American Practical Navigator (Chapter 30).

MARINE INFORMATION REPORT AND SUGGESTION SHEET

Observer _____ Ship/Organization _____

Address _____

Email address _____

Date of Observation _____ Time of Observation (Local) _____

Latitude _____ Longitude _____ Datum _____

Navigation System _____ Verified by Navigator: Yes _____ No _____

Product(s) Affected _____ Edition _____

Latest correction applied: N.M. _____

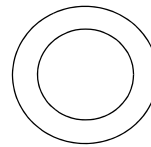
Sounding sensor or method used _____ Sounding(s) corrected for draft: Yes _____ No _____

Details of Information Reported (continue on additional sheets as necessary) _____

User Feedback (continue on additional sheets as necessary)



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HYDROARC REPORT SHEET

Observer _____

Ship/Organization _____

Phone _____ Email Address _____

Describe Hazard (e.g. dredge, buoy, current meter, operations): _____

Is hazard remotely monitored? Yes _____ No _____

If yes, list Internet URL where most recent position will be posted (if any): _____

Depth water column is occupied (e.g. "bottom to surface", "surface to 500m"): _____

Date of Insertion _____ Latitude _____ Longitude _____

Date of Expected Removal _____

Most Recent Observation: Date _____ Time (Local) _____

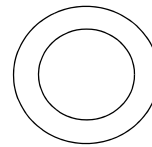
Latitude _____ Longitude _____ Datum _____

Navigation System _____ Verified by Navigator: Yes _____ No _____

Sounding sensor or method used _____

Sounding(s) corrected for draft: Yes _____ No _____

Details of Information Reported (continue on additional sheets as necessary): _____

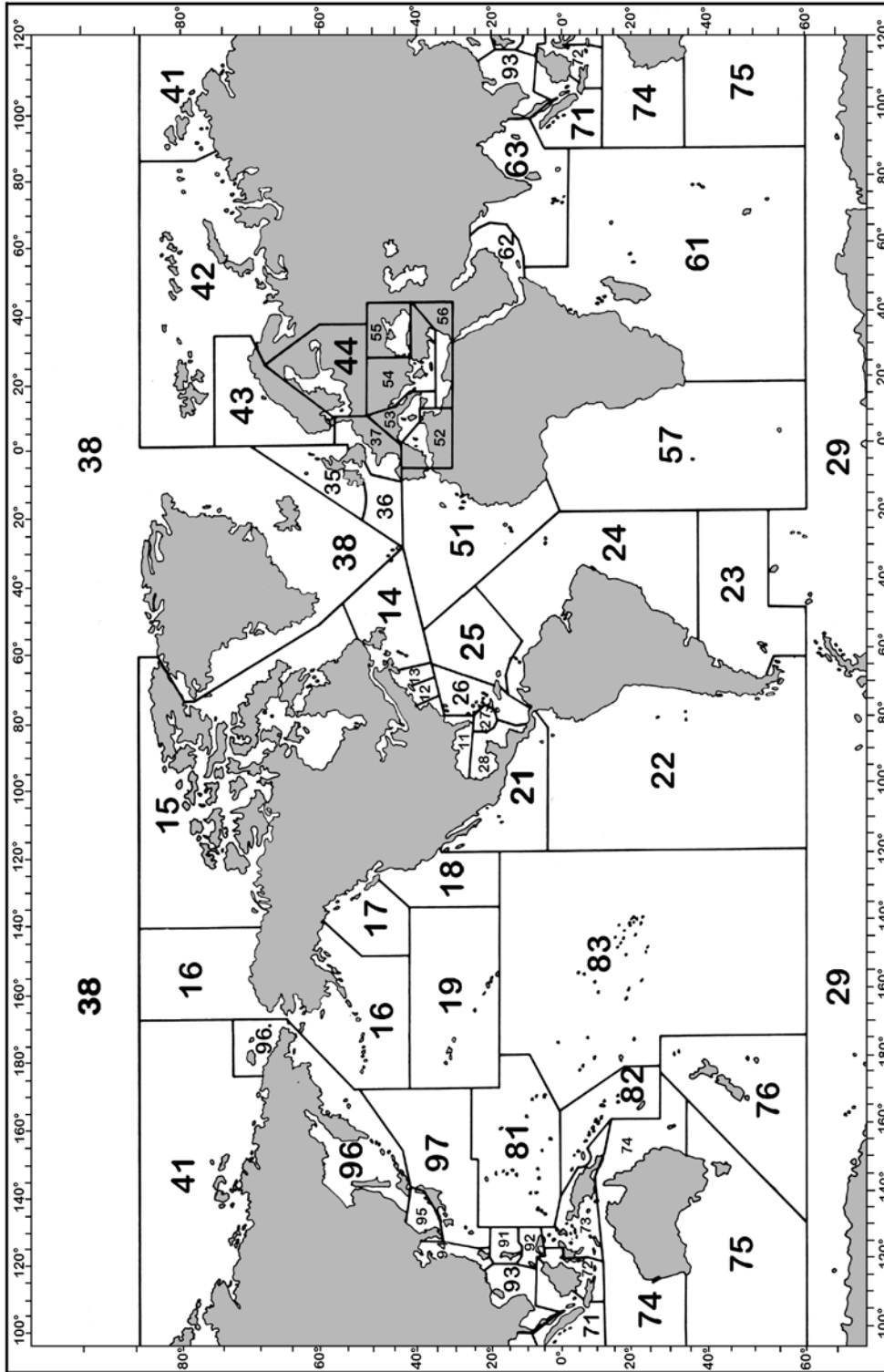


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GEOGRAPHIC LOCATOR



For chart numbering purposes, the world is divided into nine regions, each corresponding to the geographic limits of one of the nine regions in the NGA/DLIS Catalog of Maps Charts and Related Products. Each Region is further subdivided into the numbered Subregions in the above graphic. The first two digits of all five-digit chart numbers indicate the geographic subregion to which the chart pertains. Users can locate corrections in this Notice for charts of their immediate interest by determining the two-digit Subregion number of the pertinent geographic area, and then turning to the page or pages that list the chart numbers beginning with those two digits.

IMPORTANT
NAVIGATIONAL INFORMATION
TIME—DATED



**NOTICE TO
MARINERS**

PLEASE EXPEDITE DELIVERY