



No. 47



20 NOVEMBER 2010

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://www.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 5105.40, 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, Sailing Directions, Fleet Guides, USCG Light Lists, NGA List of Lights, Radio Navigational Aids 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 Domain	301-227-3370	287-3370	301-227-4211
World Wide Navigational Warning Service	301-227-3147	287-3147	301-227-3731
Maritime Safety Web site	301-227-3296	287-3296	301-227-4211
Notice to Mariners: Regions 1 and 2	301-227-3122	287-3122	301-227-3175
Notice to Mariners: Regions 3 thru 9	301-227-3146	287-3146	301-227-3175
Sailing Directions, Fleet Guides	301-227-3180	287-3180	301-227-3174
Navigation Publications	301-227-3120	287-3120	301-227-3731
DLA 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://www.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:

Observer	Ship/Organization
QM1 Abreu	USS LASSEN
LTJG Riedel	USS JASON DUNHAM

Cover Photo: NOAA Ship FAIRWEATHER (S220) is a hydrographic survey ship built by Aerojet-General Shipyards, Jacksonville, FL and originally commissioned in October, 1968. Deactivated in 1989, she was brought back in to service after being refitted at the Cascade General Shipyard in Portland, Oregon in 2004. She is named for Mt. Fairweather, at 15,300 feet above sea level, the highest peak in the Fairweather Range and the tallest coastal range on earth. **FAIRWEATHER** is designed and outfitted primarily for conducting hydrographic surveys in support of nautical charting, but is capable of many other missions in support of NOAA programs. The ship is equipped with the latest in hydrographic survey technology - multi-beam survey systems; high-speed, high-resolution side-scan sonar; position and orientation systems, hydrographic survey launches, and an on-board data-processing server. Increased mission space and deck machinery enable **FAIRWEATHER** to be tasked with anything from buoy operations to fisheries research cruises. She is 231 feet in length, has a beam of 42 feet, a draft of 15.5 feet, displaces 1,800 tons, has a range of 6,000 nautical miles at 12 knots and can operate at sea for 22 days. **NOAA Ship FAIRWEATHER** is manned by 11 commissioned officers, 4 licensed engineers, 30 crew and up to 5 scientists. Her homeport is Ketchikan, AK, the salmon capital of the world.

INFORMATION
OF
SPECIAL INTEREST
OR
IMPORTANCE
TO
MARINERS

NM 47/10

HYDROGRAM

**National Geospatial-Intelligence Agency
Bethesda, MD 20816-5003**

SPECIAL
ANNOUNCEMENTS
NEW PRODUCTS
OR SERVICES
IMPORTANT
CHANGES

20 November 2010

NOAA CHART NEW EDITIONS AND THEIR AVAILABILITY

NOAA RECOGNIZES TWO PAPER NAUTICAL CHART PRODUCTS: CHARTS-ON-DEMAND AND TRADITIONAL NOAA/NOS PAPER CHARTS. FOR ADDITIONAL INFORMATION, SEE SECTIONS II AND III.

NEW EDITION OF COAST PILOT

U.S. COAST PILOT 2, ATLANTIC COAST: CAPE COD, MASSACHUSETTS TO SANDY HOOK, NEW JERSEY, FORTIETH EDITION, 2011, IS READY FOR ISSUE. SEE SECTIONS II AND 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.

NEW EDITION OF LIST OF LIGHTS

PUB. 112, 2010 EDITION, LIST OF LIGHTS, RADIO AIDS AND FOG SIGNALS FOR THE WESTERN PACIFIC AND INDIAN OCEANS INCLUDING THE PERSIAN GULF AND RED SEA, IS READY FOR ISSUE. SEE SECTIONS II AND III.

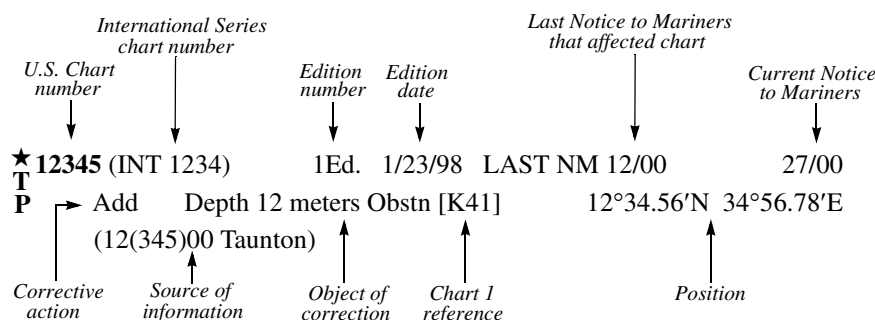
NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY'S IMPLEMENTATION OF A HARDCOPY TO DIGITAL TRANSITION STRATEGY

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, Sailing Directions, Fleet Guides, USCG Light Lists, NGA List of Lights, Radio Navigational Aids 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 **M** 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.

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 Sailing Directions, Coast Pilots, Fleet Guides, Radio Navigational Aids (Pub. 117), *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 4710

501 (INT 801) 13Ed. 6/09 LAST NM 40/10 47/10 Delete Wreck 33°27'N 119°47'W	(Inset) Delete Light "C" 27°48'56.9"N 97°12'11.2"W Light "B" 27°48'54.5"N 97°12'15.3"W
Add Depth 113 meters Wk [K26] 33°28'N 119°49'W (NTM0022/2010)	Buoys "1", "2", "3", "4" and "5" between 27°48'54.6"N 97°12'30.3"W 27°48'51.6"N 97°12'15.1"W
502 (INT 802) 2Ed. 7/23/83 LAST NM 36/10 47/10 Delete Wreck (PA) 33°27'N 119°47'W	(43/10 CG8)
Add Depth 113 meters Wk [K26] 33°28'N 119°49'W (NTM0022/2010)	★11313 23Ed. 10/05 LAST NM 26/10 47/10 Delete Platform 27°52'47"N 96°57'19"W Platform 28°04'33"N 96°36'14"W (43/10 CG8)
1116A Ed. 8/09 LAST NM 46/10 47/10 Delete Submerged well (cov 36fms) and buoy	11318 2Ed. 5/14/05 LAST NM N46/10 N47/10 Delete Light "D" 27°49'01.8"N 97°11'45.3"W Light "C" 27°48'57.2"N 97°12'11.0"W Light "B" 27°48'54.5"N 97°12'15.2"W
Submerged platform (ruins) 28°28.1'N 91°49.2'W	Buoys "1", "2", "3", "4" and "5" between 27°48'54.4"N 97°12'30.3"W 27°48'51.6"N 97°12'15.1"W
Platform 28°22.3'N 91°41.0'W Note: Danger circle "Obstn" remains	(43/10 CG8)
Add Buoy (mooring) [Q40] 28°31.9'N 94°29.4'W (43/10 CG8)	★11330 20Ed. 11/09 LAST NM 46/10 47/10 Add Buoy (mooring) [Q40] 28°31.9'N 94°29.4'W (43/10 CG8)
1117A Ed. 3/08 LAST NM 46/10 47/10 Add Buoy (mooring) [Q40] 28°31.9'N 94°29.4'W (43/10 CG8)	★11340 74Ed. 8/09 LAST NM 46/10 47/10 Delete Submerged well (cov 36fms) and buoy 28°12.7'N 92°22.8'W
11004 8Ed. 10/14/06 LAST NM 46/10 47/10 Delete Dashed-line circle "Obstn" 28°28.1'N 91°49.2'W	Submerged platform (ruins) 28°28.1'N 91°49.2'W
Add Buoy (mooring) [Q40] 28°31.9'N 94°29.4'W (43/10 CG8)	Platform 28°22.3'N 91°41.0'W Note: Danger circle "Obstn" remains
11300 42Ed. 3/08 LAST NM 46/10 47/10 Add Buoy (mooring) [Q40] 28°31.9'N 94°29.4'W (43/10 CG8)	Add Buoy (mooring) [Q40] 28°31.9'N 94°29.4'W (43/10 CG8)
11305 2Ed. 5/14/05 LAST NM N36/10 N47/10 Delete Light "D" 27°49'01.7"N 97°11'45.3"W Light "C" 27°48'56.9"N 97°12'10.8"W Light "B" 27°48'54.1"N 97°12'14.8"W	★11341 42Ed. 6/08 LAST NM 41/10 47/10 Delete Platform 29°40'35"N 93°30'31"W (43/10 CG8)
Buoys "1", "2", "3", "4" and "5" between 27°48'54.6"N 97°12'30.2"W 27°48'51.7"N 97°12'15.0"W (43/10 CG8)	★11346 2Ed. 4/09 LAST NM 46/10 47/10 Add Tabulation of controlling depths from Subsection I-2 (Supersedes 33/10-11346) (NOS)
★11307 38Ed. 11/09 LAST NM 28/10 47/10 Delete Platform 27°52'46"N 96°57'19"W (43/10 CG8)	★11349 43Ed. 5/07 LAST NM 46/10 47/10 Delete Platform 29°18'31"N 92°19'02"W (43/10 CG8)
11308 24Ed. 9/08 LAST NM 46/10 47/10 (Side A) Delete Light "D" 27°49'02.1"N 97°11'45.5"W Light "C" 27°48'57.5"N 97°12'11.3"W Light "B" 27°48'55.0"N 97°12'15.4"W	11352 41Ed. 12/09 LAST NM 46/10 47/10 Change Note to
Buoys "1", "3", and "5" between 27°48'54.9"N 97°12'30.3"W 27°48'52.0"N 97°12'15.1"W (43/10 CG8)	"NOTE I BAYOU LAFOURCHE The controlling depth was 16 feet for a width of 300 feet from the entrance in the Gulf, through Belle Pass Channel, to Port Fourchon; thence a centerline depth of 12 feet to Leeville; thence 7 feet to the Intracoastal Waterway at Larose; thence 4 feet to Raceland; thence 3 feet to Thibodaux. The old entrance through the jetties is closed by a dam. OCT. 1989- AUG. 2010 Numerous pilings, dolphins, obstructions, platforms and abandoned well heads exist throughout Bayou Lafourche from Belle Pass to Leeville." 29°27.2'N 90°13.5'W (NOS)
11309 40Ed. 5/10 LAST NM 46/10 47/10 Delete Light "D" 27°49'01.9"N 97°11'45.3"W Light "C" 27°48'56.9"N 97°12'11.2"W Light "B" 27°48'54.9"N 97°12'15.4"W	
Buoys "1", "2", "3" and "5" between 27°48'55.1"N 97°12'30.3"W 27°48'51.9"N 97°12'15.0"W (43/10 CG8)	
★11312 5Ed. 7/09 LAST NM 36/10 47/10 Delete Light "D" 27°49'02.0"N 97°11'45.7"W Light "C" 27°48'57.1"N 97°12'11.2"W Light "B" 27°48'54.7"N 97°12'15.3"W	
Buoys "1", "2", "3", "4" and "5" between 27°48'54.7"N 97°12'30.4"W 27°48'51.7"N 97°12'15.0"W	

<p>11357 40Ed. 6/09 LAST NM 46/10 47/10 Change Note to "NOTE D BAYOU LAFOURCHE The controlling depth was 16 feet for a width of 300 feet from the entrance in the Gulf, through Belle Pass Channel, to Port Fourchon; thence a centerline depth of 12 feet to Leeville; thence 7 feet to the Intracoastal Waterway at Larose; thence 4 feet to Raceland; thence 3 feet to Thibodaux. The old entrance through the jetties is closed by a dam. OCT. 1989- AUG. 2010 Numerous pilings, dolphins, obstructions, platforms and abandoned well heads exist throughout Bayou Lafourche from Belle Pass to Leeville." 29°19'08"N 90°12'27"W (See 48/09-11357) (NOS)</p>	<p>12300 48Ed. 6/10 LAST NM 42/10 47/10 Delete Buoy "MDF" 40°07.1'N 71°01.7'W Buoy "MDS" 41°06.1'N 71°34.0'W (43/10 CG1)</p>
<p>11365 22Ed. 12/09 LAST NM 46/10 47/10 Change Note to "NOTE D BAYOU LAFOURCHE The controlling depth was 16 feet for a width of 300 feet from the entrance in the Gulf, through Belle Pass Channel, to Port Fourchon; thence a centerline depth of 12 feet to Leeville; thence 7 feet to the Intracoastal Waterway at Larose; thence 4 feet to Raceland; thence 3 feet to Thibodaux. The old entrance through the jetties is closed by a dam. OCT. 1989- AUG. 2010 Numerous pilings, dolphins, obstructions, platforms and abandoned well heads exist throughout Bayou Lafourche from Belle Pass to Leeville." 29°30'54.0"N 90°21'39.0"W (NOS)</p>	<p>12301 22Ed. 4/29/06 LAST NM N42/10 N47/10 Delete Buoy "MDF" 40°07.1'N 71°01.7'W Buoy "MDS" 41°06.1'N 71°34.0'W (See N4/10-12301) (43/10 CG1)</p>
<p>11378 37Ed. 6/10 LAST NM 41/10 47/10 Add Buoy Or, Fl 2.5s (Priv) 30°23'18.0"N 87°11'06.0"W Buoy Or, Fl 2.5s (Priv) 30°23'24.0"N 87°10'48.0"W (43/10 CG8)</p>	<p>★12304 45Ed. 2/08 LAST NM 39/09 47/10 Delete Red sector from light 39°10'56"N 75°16'06"W (32/10 CG5)</p>
<p>★11383 51Ed. 1/06 LAST NM 24/10 47/10 Add Buoy Or, Fl 2.5s (Priv) 30°23'18.0"N 87°11'06.0"W Buoy Or, Fl 2.5s (Priv) 30°23'24.0"N 87°10'48.0"W (43/10 CG8)</p>	<p>12327 103Ed. 12/09 LAST NM 46/10 47/10 Add Depth 27 feet 40°37'47"N 74°04'13"W (NOS)</p>
<p>★11537 38Ed. 1/09 LAST NM 32/10 47/10 Add Tabulation of controlling depths from Subsection I-2 (Supersedes 32/10-11537) (NOS)</p>	<p>12333 36Ed. 11/09 LAST NM 46/10 47/10 Add Depth 27 feet 40°37'46.9"N 74°04'12.5"W (NOS)</p>
<p>11545 63Ed. 4/08 LAST NM 32/10 47/10 Add Tabulation of controlling depths from Subsection I-2 (Supersedes 32/10-11545) (NOS)</p>	<p>★12334 70Ed. 6/09 LAST NM 46/10 47/10 Delete Depth 35 feet 40°37'46.9"N 74°04'12.7"W Add Depth 27 feet 40°37'46.9"N 74°04'12.5"W (NOS)</p>
<p>★11547 37Ed. 8/07 LAST NM 32/10 47/10 Add Tabulation of controlling depths from Subsection I-2 (Supersedes 32/10-11547) (NOS)</p>	<p>12363 41Ed. 2/10 LAST NM 46/10 47/10 Relocate Buoy "WDA" from 40°59'17"N 73°28'46"W to 41°00'00"N 73°28'15"W (42/10 CG1)</p>
<p>★12251 23Ed. 5/12/01 LAST NM 19/10 47/10 Add Tabulation of controlling depths from Subsection I-2 (See 19/10-12251) (NOS)</p>	<p>12364 38Ed. 7/08 LAST NM 46/10 47/10 Relocate Buoy "WDA" from 40°59'16"N 73°28'46"W to 41°00'00"N 73°28'15"W (Page C) Delete Buoy "WDA" 40°59'16"N 73°28'46"W (42/10 CG1)</p>
<p>12273 57Ed. 1/08 LAST NM 45/10 47/10 Delete Light and sector limits 39°29'41"N 76°05'00"W (32/10 CG5)</p>	<p>★12365 26Ed. 3/24/01 LAST NM 33/10 47/10 Relocate Buoy "WDA" from 40°59'16.0"N 73°28'46.3"W to 40°59'59.6"N 73°28'14.8"W (42/10 CG1)</p>
<p>★12274 35Ed. 12/07 LAST NM 23/10 47/10 Delete Light and sector limits 39°29'41"N 76°05'00"W (32/10 CG5)</p>	<p>12368 27Ed. 6/06 LAST NM 27/10 47/10 Add Buoy "WDA" Y, Fl Y 4s (Priv) 40°59'59.6"N 73°28'14.8"W (42/10 CG1)</p>
	<p>13006 35Ed. 4/09 LAST NM 46/10 47/10 Delete Buoy "MDF" 40°07.1'N 71°01.7'W Buoy "MDS" 41°06.1'N 71°34.0'W (See 4/10-13006) (43/10 CG1)</p>
	<p>13009 35Ed. 9/10 LAST NM 46/10 47/10 Delete Buoy "MDF" 40°07.1'N 71°01.7'W (43/10 CG1)</p>
	<p>13205 38Ed. 2/07 LAST NM 44/10 47/10 Delete Buoy "MDS" 41°06'04"N 71°34'02"W (See 4/10-13205) (43/10 CG1)</p>
	<p>13215 19Ed. 12/09 LAST NM 44/10 47/10 Delete Buoy "MDS" 41°06'04"N 71°34'02"W (43/10 CG1)</p>
	<p>★13218 41Ed. 10/09 LAST NM 44/10 47/10 Delete Buoy "MDF" 40°07'05"N 71°01'42"W Buoy "MDS" 41°06'04"N 71°34'02"W (See 4/10-13218) (43/10 CG1)</p>

SECTION I

NM 47/10

- 13260** 40Ed. 5/07 LAST NM 46/10 47/10
 Add Solid line with purple screen, radius 2 miles centered 43°31.6'N 70°05.5'W
 Legend "Pilot Area" 43°31.5'N 70°05.5'W
 (NOS)
- 13263** 8Ed. 2/19/05 LAST NM N46/10 N47/10
 Add Solid line with purple screen, radius 2 miles centered 43°31.6'N 70°05.5'W
 Legend "Pilot Area" 43°31.5'N 70°05.5'W
 (NOS)
- 13286** 30Ed. 3/04 LAST NM 18/10 47/10
 Add Solid line with purple screen, radius 2 miles centered 43°31'37"N 70°05'30"W
 Legend "Pilot Area" 43°31'30"N 70°05'30"W
 Purple heavy dashed line (outside limit of traffic lane) [M15] joining 43°32'54"N 70°07'36"W 43°33'50"N 70°08'51"W 43°35'00"N 70°09'53"W
 Purple heavy dashed line (outside limit of traffic lane) [M15] joining 43°33'10"N 70°07'13"W 43°34'01"N 70°08'19"W 43°34'08"N 70°08'20"W 43°34'45"N 70°07'54"W 43°35'00"N 70°08'05"W
 Legend "TWO-WAY DEEP WATER ROUTE (see note E)" 43°33'38"N 70°08'15"W
 Open-outlined arrow indicating flow of traffic oriented 318° 43°33'28"N 70°07'51"W
 Open-outlined arrow indicating flow of traffic oriented 138° 43°33'51"N 70°08'37"W
 Note "NOTE E RECOMMENDED TWO WAY ROUTES Recommended two way routes have been established including deep-water routes for vessels in the approaches to Portland Harbor and Casco Bay, through Hussey Sound to Cousins Island and through Broad Sound to Harpswell, Maine. While not mandatory, deep draft commercial vessels (including tugs and barges) are requested to follow the designated routes at the master's discretion. Other vessels, while not excluded from these routes, should exercise caution in and around these areas and monitor VHF Channel 16 or 13 for information concerning deep draft commercial vessels (including tugs and barges) transiting these routes. See U.S. Coast Pilot Volume 1, Chapter 8." 43°22'46"N 70°30'53"W
 (NOS)
- ★**14852** 46Ed. 6/06 LAST NM 32/10 47/10
 (Continuation)
 Change Visibility (range) of light to 5 St M 42°54'25.6"N 82°27'57.8"W
 (43/10 CG9)
- 14853** 17Ed. 3/08 LAST NM 38/10 47/10
 (Page 47)
 Change Visibility (range) of light to 5 St M 42°54'25.3"N 82°27'57.4"W
 (Page 48)
 Add Visibility (range) 5 St M to light 42°54'25.5"N 82°27'57.1"W
 (43/10 CG9)
- 14963** 20Ed. 3/2/96 LAST NM 43/09 47/10
 Relocate Light from 46°33'41"N 86°40'52"W to 46°33'35"N 86°40'48"W
 Light from 46°26'21"N 86°41'28"W to 46°26'20"N 86°41'32"W
 (43/10 CG9)
- ★**14969** 22Ed. 4/05 LAST NM 46/08 47/10
 Relocate Light from 46°33'34.4"N 86°40'49.3"W to 46°33'34.7"N 86°40'48.4"W
 Light from 46°26'19.3"N 86°41'32.2"W to 46°26'19.6"N 86°41'31.5"W
 (Inset)
 Relocate Range light, rear from 46°24'44.8"N 86°39'50.8"W to 46°24'45.1"N 86°39'50.3"W
 Note: Range bearing unchanged (43/10 CG9)
- 18000** 8Ed. 8/21/93 LAST NM 44/10 47/10
 Delete Wreck (PA) 33°27.0'N 119°47.0'W
 Add Depth 113 meters Wk [K26] (NTM0022/2010) 33°27.6'N 119°49.3'W
- 18002** 7Ed. 10/20/07 LAST NM N44/10 N47/10
 Delete Wreck (PA) 33°27.0'N 119°47.0'W
 Add Depth 113 meters Wk [K26] (NTM0022/2010) 33°27.6'N 119°49.3'W
- 18020** 38Ed. 10/07 LAST NM 46/10 47/10
 Delete Wreck (PA) 33°27.0'N 119°47.0'W
 Add Depth 62 fathoms Wk [K26] (NTM0022/2010) 33°27.6'N 119°49.3'W
- 18022** 35Ed. 8/05 LAST NM 46/10 47/10
 Delete Wreck (PA) 33°27.0'N 119°47.0'W
 Add Depth 62 fathoms Wk [K26] (NTM0022/2010) 33°27.6'N 119°49.3'W
- ★**18720** 33Ed. 8/08 LAST NM 44/10 47/10
 Delete Wreck (PA) 33°27.0'N 119°47.0'W
 Add Depth 62 fathoms Wk [K26] (NTM0022/2010) 33°27.6'N 119°49.3'W
- 18740** 42Ed. 3/07 LAST NM 46/10 47/10
 Delete Wreck (PA) 33°27.0'N 119°47.0'W
 Add Depth 62 fathoms Wk [(K26] (NTM0022/2010) 33°27.6'N 119°49.3'W
- 18741** 19Ed. 9/22/07 LAST NM N46/10 N47/10
 Delete Wreck (PA) 33°27.0'N 119°47.0'W
 Add Depth 113 meters Wk [K26] (NTM0022/2010) 33°27.6'N 119°49.3'W
- 18760** 7Ed. 7/28/07 LAST NM N44/10 N47/10
 Delete Wreck (PA) 33°27.0'N 119°47.0'W
 Add Depth 113 meters Wk [K26] (NTM0022/2010) 33°27.6'N 119°49.3'W
- 21014** 72Ed. 1/21/84 LAST NM 6/10 47/10
 Relocate Buoy from 25°30.8'N 109°12.6'W to 25°30.4'N 109°13.1'W
 (3(58)07 Mexico, D.F.)
- 21021** 3Ed. 2/7/98 LAST NM 6/09 47/10
 Add Buoy RW, can, L Fl 10s Racon 31°49'01.0"N 116°38'50.0"W
 Note: Buoy close NE remains (2(29)07 Mexico, D.F.)
- 21023** 41Ed. 3/3/84 LAST NM 21/10 47/10
 Change Buoy to G, pillar, Fl 5s (waverider) 14°36.0'N 92°33.5'W
 (2(38)07 Mexico, D.F.)
- 21026** 47Ed. 3/1/86 LAST NM 29/10 47/10
 Change Buoy to G, pillar, Fl 5s (waverider) 14°36.0'N 92°33.5'W
 (2(38)07 Mexico, D.F.)

21338 4Ed. 10/11/08 LAST NM 8/09 47/10
 Add Buoy RW, can, L Fl 10s Racon 20°39'00.0"N 105°15'42.0"W
 (3(60)07 Mexico, D.F.)

21342 28Ed. 8/22/92 LAST NM 43/10 47/10
 Delete Buoy 19°04'32.0"N 104°19'58.0"W
 Add Buoy RW, can, L Fl 10s Racon 19°02'18.0"N 104°22'48.0"W
 (Plan)
 Delete Buoy 19°03'45.5"N 104°17'51.0"W
 Buoy 19°03'53.5"N 104°17'44.0"W
 (See 44/02-21342)
 Add Buoy "7" G, can, Fl G 3s 19°03'47.0"N 104°17'53.0"W
 Buoy "9" G, can, Fl G 3s 19°03'55.0"N 104°17'45.0"W
 (2(36), 3(61)07 Mexico, D.F.; Mex LL)

21384 4Ed. 11/15/03 LAST NM 43/10 47/10
 Delete Buoy 17°53'36"N 102°09'56"W
 Add Buoy RW, can, L Fl 10s Racon 17°53'25"N 102°09'30"W
 Buoy YB, pillar, double cone topmark
 points downward 17°55'25"N 102°09'01"W
 (Plan)
 Delete Buoy 17°53'36.0"N 102°09'56.0"W
 Add Buoy RW, can, L Fl 10s Racon 17°53'25.0"N 102°09'30.0"W
 Buoy YB, pillar, double cone topmark
 points downward 17°55'25.0"N 102°09'01.0"W
 (2(V), 3(62)07 Mexico, D.F.)

21510 1Ed. 8/31/85 LAST NM 4/09 47/10
 Change Buoy to G, pillar, Fl 5s (waverider) 14°36.0'N 92°33.5'W
 (2(38)07 Mexico, D.F.)

21544 20Ed. 6/24/95 LAST NM 24/04 47/10
 Delete Light 9°49'21"N 84°49'33"W
 Change Characteristic of light to Fl(4) 10s 9°37'39"N 84°40'31"W
 (42(4969)10 Taunton)

21560 33Ed. 2/3/96 LAST NM 41/09 47/10
 Delete Light 9°49.3'N 84°49.3'W
 Change Characteristic of light to Fl(4) 10s 9°37.5'N 84°40.3'W
 (42(4969)10 Taunton)

22055 1Ed. 10/7/06 LAST NM 24/10 47/10
 Add Buoy "57" G, pillar, Fl G 3s 3°53'53"N 77°02'48"W
 Buoy "58" R, pillar, Fl R 3s 3°53'50"N 77°03'01"W
 (137, 138/10 Bogota)

22305 2Ed. 2/17/96 LAST NM 35/10 47/10
 Add Light Fl R 5s 5m 3M 39°26.8'S 73°13.6'W
 (5(47)09 Valparaiso)

22410 32Ed. 7/19/97 LAST NM 46/10 47/10
 Change Visibility (range) of light to 9M 52°56.7'S 70°21.7'W
 (Chile LL)

22481 35Ed. 11/29/97 LAST NM 27/10 47/10
 Change Visibility (range) of light to 9M 52°56.7'S 70°21.7'W
 (Chile LL)

23010 4Ed. 12/28/96 LAST NM 37/10 47/10
 Add Foul ground symbol [K31] (PA) 45°12.0'S 65°49.0'W
 (4(28)03 Buenos Aires)

23030 6Ed. 11/22/97 LAST NM 36/10 47/10
 Add Dangerous wreck [K28] 35°00.9'S 55°06.5'W
 (11(90)09 Montevideo)

23121 7Ed. 12/30/95 LAST NM 41/10 47/10
 Delete Dashed line between 39°00'20"S 61°51'03"W
 39°00'34"S 61°51'40"W
 Relocate Buoy "F2" from 39°00'40"S 61°52'05"W to 39°00'39"S 61°52'05"W
 Buoy "F3" from 39°00'17"S 61°51'01"W to 39°00'18"S 61°51'06"W
 Buoy "F5" from 39°01'23"S 61°48'27"W to 39°01'18"S 61°48'36"W
 Add Dashed line between 39°00'18"S 61°51'06"W
 39°00'31"S 61°51'43"W
 (4(26)03 Buenos Aires)

23124 3Ed. 1/1/84 LAST NM N41/10 N47/10
 Delete Dashed line between 39°00'14"S 61°51'12"W
 39°00'34"S 61°51'40"W
 Relocate Buoy "F5" from 39°01'24"S 61°48'24"W to 39°01'18"S 61°48'36"W
 Add Dashed line between 39°00'18"S 61°51'06"W
 39°00'31"S 61°51'43"W
 (4(26)03 Buenos Aires)

24050 11Ed. 10/18/97 LAST NM 41/10 47/10
 Add Dangerous wreck [K28] marked by buoy BRB, pillar, double ball topmark, Fl(2) 10s 35°00.9'S 55°06.5'W
 (11(90)09 Montevideo)

24052 16Ed. 7/31/04 LAST NM 41/10 47/10
 Add Depth 4.7 meters, blue tint and enclosing depth contour (5-meter) centered 34°28'53"S 57°56'23"W
 (8(61)10 Montevideo)

24055 6Ed. 10/4/97 LAST NM 40/10 47/10
 Add Depth 4.7 meters, blue tint and enclosing depth contour (5-meter) centered 34°28.9'S 57°56.4'W
 (8(61)10 Montevideo)

24058 2Ed. 11/20/93 LAST NM 41/10 47/10
 Add Depth 4.7 meters, blue tint and enclosing depth contour (5-meter) centered 34°28'53"S 57°56'23"W
 (8(61)10 Montevideo)

25001 7Ed. 8/11/01 LAST NM 29/10 47/10
 Add Depth 883 meters 18°24.9'N 64°04.7'W
 (40(4799)10 Taunton)

25017 6Ed. 3/3/07 LAST NM N17/10 N47/10
 Add Depth 883 meters 18°24.9'N 64°04.7'W
 Depth 150 meters 18°29.4'N 64°13.7'W
 Depth 302 meters 18°30.0'N 64°13.1'W
 Depth 42 meters 18°19.3'N 64°09.5'W
 (40(4799)10 Taunton)

25018 9Ed. 7/28/01 LAST NM 17/10 47/10
 Add Depth 482 fathoms 18°24.9'N 64°04.7'W
 Depth 82 fathoms 18°29.4'N 64°13.7'W
 Depth 165 fathoms 18°30.0'N 64°13.1'W
 Depth 23 fathoms 18°19.3'N 64°09.5'W
 (40(4799)10 Taunton)

25600 47Ed. 11/6/93 LAST NM 25/10 47/10
 Add Depth 27.7 meters 18°13.9'N 62°55.3'W
 Depth 883 meters 18°24.9'N 64°04.7'W
 Depth 150 meters 18°29.4'N 64°13.7'W
 Depth 302 meters 18°30.0'N 64°13.1'W
 Depth 42 meters 18°19.3'N 64°09.5'W
 (40(4783, 4799)10 Taunton)

25609 5Ed. 3/2/96 LAST NM 39/10 47/10
 Add Depth 150 meters 18°29'23"N 64°13'43"W
 Depth 302 meters 18°30'01"N 64°13'08"W
 Depth 42 meters 18°19'17"N 64°09'28"W
 (40(4799)10 Taunton)

SECTION I

NM 47/10

25613	3Ed. 2/7/04	LAST NM 33/10	47/10
	Add	Depth 27.7 meters (40(4783)10 Taunton)	18°13'55"N 62°55'19"W
25800	3Ed. 6/24/95	LAST NM 34/10 (Plan)	47/10
	Delete	Plan (APPROACHES TO SANTO DOMINGO) (US CH 25848)	18°20'00"N 69°55'00"W
27083	39Ed. 11/26/94	LAST NM 50/09 (Plan A)	47/10
	Change	Characteristic of range light, rear to Q (38(4593)10 Taunton)	23°00'37.0"N 82°45'31.0"W
27084	4Ed. 12/3/94	LAST NM 24/08 (Panel A)	47/10
	Change	Characteristic of range light, rear to Q (38(4593)10 Taunton)	23°00'41"N 82°45'31"W
28281	32Ed. 12/3/94	LAST NM 5/09	47/10
	Delete	Buoy	18°11'56.0"N 94°25'32.5"W
	Add	Buoy RW, can, L Fl 10s Racon (3(67)07 Mexico, D.F.)	18°12'24.0"N 94°25'41.0"W
28282	2Ed. 10/22/94	LAST NM 5/09	47/10
	Delete	Buoy	18°11'56.1"N 94°25'31.5"W
	Add	Buoy RW, can, L Fl 10s Racon (3(67)07 Mexico, D.F.)	18°12'24.0"N 94°25'41.0"W
37162	12Ed. 5/18/96	LAST NM 44/10	47/10
	Delete	Pilot station symbol Foul ground symbol	52°38.0'N 4°30.0'E 52°30.7'N 4°17.7'E
	Substitute	Foul ground symbol [K31] for depth 24 meters Wk (32(359)08, 28(364), 41(488)10 Den Haag)	51°57.5'N 3°23.3'E
37164	5Ed. 5/2/09	LAST NM N44/10	N47/10
	Delete	Pilot station symbol and legend "Den Helder" Foul ground symbol Foul ground symbol Foul ground symbol Foul ground symbol	52°38.00'N 4°30.00'E 52°31.40'N 4°16.10'E 52°30.67'N 4°17.53'E 52°30.70'N 4°17.70'E 52°31.02'N 4°20.38'E
	Add	Foul ground symbol [K31] Foul ground symbol [K31] Foul ground symbol [K31] (28(364), 41(488)10 Den Haag)	52°31.18'N 4°18.79'E 52°29.89'N 4°20.84'E 52°32.10'N 4°13.03'E
37165	3Ed. 2/3/07	LAST NM 44/10	47/10
	Substitute	Platform "K5-CU" with light flare symbol [L10] for depth 26.5 meters Well (See 10/10-37165)	53°48.9'N 3°27.0'E
	Add	Submarine pipeline [L40.1] with legend "Gas" joining (38(453)10 Den Haag)	53°48.9'N 3°27.0'E 53°42.1'N 3°20.4'E 53°41.7'N 3°20.4'E
37166	3Ed. 7/19/08	LAST NM 32/10	47/10
	Delete	Pilot station symbol and legend "Den Helder" Substitute	52°38.0'N 4°30.0'E Foul ground symbol [K31] for depth 28.5 meters Wk (32(359)08, 41(488)10 Den Haag)
			51°57.5'N 3°23.3'E
37223	14Ed. 9/2/95	LAST NM 45/10	47/10
	Add	Depth 22.5 meters Wk [K26] Depth 27.5 meters Wk [K26] (15(190)08 Den Haag)	53°43.2'N 5°21.4'E 53°42.9'N 5°22.4'E
37228	14Ed. 7/25/98	LAST NM 45/10 (Plan B)	47/10
	Delete	Foul ground symbol (See 43/10-37228)	53°53'17.8"N 9°08'48.0"E
	Add	Swept depth 10.3 meters Wk [K27] Depth 13.9 meters Obstn [K41] (42(46)10 Hamburg)	53°53'18.1"N 9°08'59.1"E 53°53'17.4"N 9°08'48.4"E
37238	6Ed. 10/17/98	LAST NM 32/10 (Plan)	47/10
	Delete	Light "MH 8"	52°57'51.5"N 4°47'21.1"E
	Add	Buoy "MH 8" R, can, Iso R 8s (32(356)08 Den Haag)	52°57'52.8"N 4°47'21.0"E
37244	11Ed. 2/1/97	LAST NM 44/10	47/10
	Substitute	Foul ground symbol [K31] for depth 24 meters Wk (32(359)08 Den Haag)	51°57.5'N 3°23.3'E
43030	24Ed. 4/5/97	LAST NM 39/10	47/10
	Change	Visibility (range) of light to 23M Light to Fl WR 10s 25/20M (UKHO LL)	54°28.5'N 12°30.0'E 54°36.0'N 13°07.5'E
44001	2Ed. 10/19/96	LAST NM 46/10	47/10
	Delete	Purple composite line joining	58°52.0'N 18°46.0'E 58°52.0'N 18°50.0'E 58°51.0'N 18°50.0'E
	Add	Purple composite line [N2.1] joining (160(4122)07 Norrkoping)	58°52.0'N 18°46.0'E 58°56.0'N 18°46.0'E 58°56.0'N 18°54.0'E 58°51.0'N 18°54.0'E 58°51.0'N 18°50.0'E
44068	11Ed. 5/18/96	LAST NM 32/10	47/10
	Change	Visibility (range) of light to 23M Light to Fl WR 10s 95m 25/20M (UKHO LL)	54°28.3'N 12°30.2'E 54°35.9'N 13°07.2'E
44069	16Ed. 3/15/97	LAST NM 22/10	47/10
	Change	Visibility (range) of light to 23M (UKHO LL)	54°28.3'N 12°30.2'E
44073	2Ed. 2/21/98	LAST NM 43/10 (Plan C)	47/10
	Delete	Foul ground symbol (Supersedes 43/10-44073)	53°53'15.4"N 9°08'43.6"E
	Add	Swept depth 10.3 meters Wk [K27] Depth 13.9 meters Obstn [K41] (42(46)10 Hamburg)	53°53'15.7"N 9°08'54.7"E 53°53'15.0"N 9°08'44.0"E
44076	3Ed. 8/30/97	LAST NM 43/10	47/10
	Delete	Buoy Buoy "SC O" (See 28/03-44076)	54°09'28.0"N 12°06'27.0"E 54°09'27.5"N 12°07'10.7"E
	Change	Buoy "20/SC2" to "30/SC2" R, pillar, can topmark, QR (Plan)	54°09'37.7"N 12°06'29.5"E
	Change	Characteristic of buoy "30/SC2" to QR (38(1672)10 Hamburg)	54°09'37.7"N 12°06'29.5"E
44081	9Ed. 3/16/96	LAST NM 46/10	47/10
	Change	Light to Fl WR 10s 95m 25/20M (UKHO LL)	54°35'55"N 13°07'09"E

44178	2Ed. 4/13/96	LAST NM 11/06	47/10
Add	Restricted area bound by purple composite line [N2.1] joining		58°50'00"N 18°01'00"E 58°50'00"N 18°04'00"E 58°47'12"N 18°04'00"E 58°47'12"N 18°01'00"E
	Legend "CAUTIONS NO 2 AND 3"		58°48'15"N 18°02'45"E
	(160(4122)07 Norrköping)		
44180	6Ed. 7/6/91	LAST NM 34/10	47/10
Delete	Purple composite line joining		58°52.0'N 18°46.0'E 58°52.0'N 18°50.0'E 58°51.0'N 18°50.0'E
Add	Purple composite line [N2.1] joining		58°52.0'N 18°46.0'E 58°56.0'N 18°46.0'E 58°56.0'N 18°54.0'E 58°51.0'N 18°54.0'E 58°51.0'N 18°50.0'E
	(160(4122)07 Norrköping)		
44285	1Ed. 4/14/90	LAST NM 25/10	47/10
Change	Light to range light, front Q 6M and delete sector limits		65°46'54"N 23°16'52"E
	Visibility (range) of range light, front to 6-3M with sectors green 334°42'-335°54', white-339°54', red-341°06'		
	65°46'43"N 23°18'22"E		
Add	Range light, rear Iso 4s 12M		65°46'58"N 23°16'44"E
	Dashed line (range line) between		65°46'58"N 23°16'44"E 65°46'36"N 23°17'36"E
	Legend "Lts in line 317°30"		65°46'16"N 23°18'30"E
	(186(4462)07 Norrköping; UKHO LL)		
44286	1Ed. 4/14/90	LAST NM 46/07	47/10
Change	Light to range light, front Q 6m 6M		65°46'54.0"N 23°16'52.0"E
	Light to range light, rear Iso 4s 28m 12M and delete sector limits		65°46'58.0"N 23°16'44.0"E
	Visibility (range) of range light, front to 6-3M with sectors green 334°42'-335°54', white-339°54', red-341°06'		
	65°46'42.6"N 23°18'22.2"E		
Add	Dashed line (range line) between		65°46'58.0"N 23°16'44.0"E 65°46'36.0"N 23°17'36.0"E
	Legend "Lights in line 317°30"		65°46'07.2"N 23°18'38.0"E
	(186(4462)07 Norrköping; UKHO LL)		
44410	4Ed. 2/8/97	LAST NM 45/10	47/10
Delete	Purple composite line joining		58°52.0'N 18°46.0'E 58°52.0'N 18°50.0'E 58°51.0'N 18°50.0'E
Add	Purple composite line [N2.1] joining		58°52.0'N 18°46.0'E 58°56.0'N 18°46.0'E 58°56.0'N 18°54.0'E 58°51.0'N 18°54.0'E 58°51.0'N 18°50.0'E
	(160(4122)07 Norrköping)		
P 51142	2Ed. 7/12/97	LAST NM 32/10	47/10
Delete	Purple tint area (traffic separation zone) joining		38°38'32"N 9°46'38"W 38°43'21"N 9°48'02"W 38°51'54"N 9°48'02"W 38°51'54"N 9°49'29"W 38°43'12"N 9°49'29"W 38°38'16"N 9°48'02"W
	Purple composite line (inshore traffic zone limit) between		38°51'54"N 9°27'06"W 38°51'54"N 9°48'02"W

	Purple composite line (inshore traffic zone limit) between	38°42'33"N 9°29'12"W 38°38'32"N 9°46'36"W
Change	Legend to "NON-DANGEROUS CARGO" between	38°41'42"N 9°49'48"W 38°38'24"N 9°48'58"W
	Legend to "DANGEROUS CARGO" between	38°40'00"N 9°54'24"W 38°37'18"N 9°53'42"W
Add	Purple tint area (traffic separation zone) [M13] bound by limit joining	38°39'10"N 9°43'07"W 38°51'55"N 9°44'26"W 38°51'55"N 9°49'29"W 38°43'12"N 9°49'29"W 38°38'16"N 9°48'01"W
	Purple tint area (traffic separation zone) [M13] bound by limit joining	38°39'38"N 9°40'38"W 38°51'55"N 9°41'52"W 38°51'55"N 9°41'14"W 38°39'44"N 9°39'59"W
	Purple composite line (inshore traffic zone limit) between	38°51'55"N 9°41'14"W 38°51'55"N 9°27'05"W
	Purple composite line (inshore traffic zone limit) between	38°42'35"N 9°29'09"W 38°39'44"N 9°39'59"W
	Purple open-outlined arrow indicating flow of traffic [M10] oriented 175°	38°50'15"N 9°43'15"W
	Purple open-outlined arrow indicating flow of traffic [M10] oriented 355°	38°50'15"N 9°42'58"W
	Purple open-outlined arrow indicating flow of traffic [M10] oriented 175°	38°40'21"N 9°42'15"W
	Purple open-outlined arrow indicating flow of traffic [M10] oriented 355°	38°40'21"N 9°41'58"W
	Legend "NON-DANGEROUS CARGO" between	38°41'58"N 9°41'09"W 38°39'51"N 9°40'57"W
	Note: The above Traffic Separation Scheme Amendments have been adopted by the IMO and will become effective at 0001 UTC hours on 1 December 2010	
	(NTM0020/2010)	

P 51150	(INT 1811)	1Ed. 3/24/90	LAST NM 32/10	47/10
Delete	Purple tint area (traffic separation zone) joining		38°38.6'N 9°46.5'W 38°43.4'N 9°47.9'W 38°52.0'N 9°47.9'W 38°52.0'N 9°49.4'W 38°43.3'N 9°49.4'W 38°38.4'N 9°47.9'W	
	Purple composite line (inshore traffic zone limit) between		38°52.0'N 9°27.0'W 38°52.0'N 9°49.4'W	
	Purple composite line (inshore traffic zone limit) between		38°42.6'N 9°29.0'W 38°38.6'N 9°46.5'W	
	Purple tint area (traffic separation zone) joining		36°45.2'N 8°58.9'W 36°47.1'N 9°07.5'W 36°54.4'N 9°16.1'W 37°01.4'N 9°18.1'W 37°01.1'N 9°19.5'W 36°53.9'N 9°17.4'W 36°46.1'N 9°08.3'W 36°44.0'N 8°59.3'W	
	Purple composite line (inshore traffic zone limit) between		37°01.4'N 9°18.1'W 37°01.5'N 8°59.8'W	
	Purple composite line (inshore traffic zone limit) between		36°45.1'N 8°58.9'W 36°59.9'N 8°56.9'W	
	(continued on next page)			

P 51150 (Continued)

Change	Legend to "NON-DANGEROUS CARGO" between	38°43.5'N 9°50.0'W 38°38.3'N 9°49.0'W
	Legend to "DANGEROUS CARGO" between	38°42.3'N 9°55.5'W 38°37.2'N 9°54.0'W
	Legend to "NON-DANGEROUS CARGO" between	38°51.3'N 10°05.0'W 38°44.0'N 10°05.0'W
	Legend to "DANGEROUS CARGO" between	38°51.5'N 10°10.3'W 38°45.0'N 10°10.3'W
	Legend to "NON-DANGEROUS CARGO" between	36°45.1'N 9°08.3'W 36°43.3'N 8°59.3'W
	Legend to "DANGEROUS CARGO" between	36°41.0'N 9°11.2'W 36°39.0'N 9°01.2'W
	Legend to "NON-DANGEROUS CARGO" between	36°57.7'N 9°34.7'W 36°50.5'N 9°32.8'W
	Legend to "DANGEROUS CARGO" between	36°57.0'N 9°39.8'W 36°50.0'N 9°38.0'W
Add	Purple tint area (traffic separation zone) [M13] bound by limit joining	38°39.2'N 9°43.0'W 38°52.0'N 9°44.3'W 38°52.0'N 9°49.4'W 38°43.3'N 9°49.4'W 38°38.3'N 9°47.9'W
	Purple tint area (traffic separation zone) [M13] bound by limit joining	38°39.7'N 9°40.5'W 38°52.0'N 9°41.8'W 38°52.0'N 9°41.1'W 38°39.8'N 9°39.9'W
	Purple composite line (inshore traffic zone limit) between	38°52.0'N 9°41.1'W 38°52.0'N 9°27.0'W
	Purple composite line (inshore traffic zone limit) between	38°39.8'N 9°39.9'W 38°42.6'N 9°29.1'W
	Purple open-outlined arrow indicating flow of traffic [M10] oriented 175°	38°46.5'N 9°42.3'W
	Purple open-outlined arrow indicating flow of traffic [M10] oriented 355°	38°46.5'N 9°43.2'W
	Legend "NON-DANGEROUS CARGO" between	38°42.7'N 9°41.2'W 38°38.2'N 9°40.6'W
	Purple tint area (traffic separation zone) [M13] bound by limit joining	36°47.8'N 8°58.0'W 36°49.4'N 9°05.9'W 36°55.7'N 9°13.0'W 37°02.0'N 9°14.7'W 37°01.1'N 9°19.5'W 36°53.9'N 9°17.4'W 36°46.1'N 9°08.3'W 36°44.0'N 8°59.3'W
	Purple tint area (traffic separation zone) [M13] bound by limit joining	36°49.7'N 8°57.3'W 36°51.1'N 9°04.6'W 36°56.6'N 9°10.8'W 37°02.5'N 9°12.3'W 37°02.6'N 9°11.6'W 36°56.8'N 9°10.3'W 36°51.6'N 9°04.3'W 36°50.2'N 8°57.2'W
	Purple composite line (inshore traffic zone limit) between	37°02.6'N 9°11.6'W 37°01.4'N 8°59.7'W
	Purple composite line (inshore traffic zone limit) between	36°50.2'N 8°57.2'W 36°59.7'N 8°56.8'W

Purple open-outlined arrow indicating flow of traffic [M10] oriented 169° 37°00.0'N 9°12.9'W
Purple open-outlined arrow indicating flow of traffic [M10] oriented 114° 36°49.3'N 9°00.4'W

Legend "NON-DANGEROUS CARGO" between 36°50.9'N 9°04.4'W
36°49.4'N 8°57.4'W

Note: The above Traffic Separation Scheme Amendments have been adopted by the IMO and will become effective at 0001 UTC hours on 1 December 2010

(NTM0020/2010)

P 51155 1Ed. 7/7/84 LAST NM 31/10 47/10

Delete	Purple tint area (traffic separation zone) joining	36°45'01"N 8°58'55"W 36°46'56"N 9°07'32"W 36°54'16"N 9°16'02"W 37°01'14"N 9°18'04"W 37°00'58"N 9°19'28"W 36°53'42"N 9°17'22"W 36°45'53"N 9°08'18"W 36°43'52"N 8°59'19"W
	Purple composite line (inshore traffic zone limit) between	37°01'14"N 9°18'04"W 37°01'12"N 8°59'42"W
	Purple composite line (inshore traffic zone limit) between	36°45'01"N 8°58'55"W 36°59'33"N 8°56'50"W
Change	Legend to "NON-DANGEROUS CARGO" between	36°44'48"N 9°05'24"W 36°43'18"N 8°59'18"W
	Legend to "DANGEROUS CARGO" between	36°39'58"N 9°05'06"W 36°39'06"N 9°00'54"W
	Legend to "NON-DANGEROUS CARGO" between	36°34'36"N 9°16'36"W 36°33'36"N 9°10'24"W
Add	Purple tint area (traffic separation zone) [M13] bound by limit joining	36°47'38"N 8°58'00"W 36°49'16"N 9°05'52"W 36°55'29"N 9°13'02"W 37°01'51"N 9°14'41"W 37°00'58"N 9°19'28"W 36°53'42"N 9°17'22"W 36°45'53"N 9°08'19"W 36°43'52"N 8°59'19"W
	Purple tint area (traffic separation zone) [M13] bound by limit joining	36°49'34"N 8°57'20"W 36°50'58"N 9°04'35"W 36°56'25"N 9°10'49"W 37°02'18"N 9°12'15"W 37°02'25"N 9°11'38"W 36°56'39"N 9°10'16"W 36°51'25"N 9°04'15"W 36°50'03"N 8°57'10"W
	Purple composite line (inshore traffic zone limit) between	37°02'25"N 9°11'38"W 37°01'18"N 8°59'42"W
	Purple composite line (inshore traffic zone limit) between	36°59'33"N 8°56'51"W 36°50'03"N 8°57'10"W
	Purple open-outlined arrow indicating flow of traffic [M10] oriented 169°	37°00'42"N 9°13'02"W
	Purple open-outlined arrow indicating flow of traffic [M10] oriented 114°	36°49'27"N 9°01'50"W
	Legend "NON-DANGEROUS CARGO" between	36°50'21"N 9°02'00"W 36°49'25"N 8°57'42"W
	Note: The above Traffic Separation Scheme Amendments have been adopted by the IMO and will become effective at 0001 UTC hours on 1 December 2010	
	(NTM0020/2010)	

P 51160	21Ed. 12/3/05	LAST NM 32/10	47/10
Delete	Purple tint area (traffic separation zone) joining		
	36°53.4'N	9°15.0'W	
	36°57.0'N	9°07.6'W	
	36°45.1'N	8°59.0'W	
	36°43.9'N	8°59.4'W	
	36°45.9'N	9°08.4'W	
	36°51.6'N	9°15.0'W	
	Purple composite line (inshore traffic zone limit) between		
	37°01.3'N	9°15.0'W	
	37°01.5'N	8°59.8'W	
	Purple composite line (inshore traffic zone limit) between		
	36°59.6'N	8°56.7'W	
	36°45.1'N	8°59.0'W	
Change	Legend to "NON-DANGEROUS CARGO"		
	36°44.3'N	9°04.4'W	
	Legend to "DANGEROUS CARGO"		
	36°40.0'N	9°06.4'W	
	Legend to "NON-DANGEROUS CARGO"		
	36°32.6'N	9°09.0'W	
	Legend to "DANGEROUS CARGO"		
	36°28.2'N	9°09.5'W	
Add	Purple tint area (traffic separation zone) [M13] bound by chart border and limit joining		
	37°01.9'N	9°15.0'W	
	37°01.9'N	9°14.8'W	
	36°55.6'N	9°13.1'W	
	36°49.4'N	9°06.0'W	
	36°47.7'N	8°58.1'W	
	36°44.0'N	8°59.4'W	
	36°46.0'N	9°08.4'W	
	36°51.7'N	9°15.0'W	
	Note: Area extends beyond chart border		
	Purple tint area (traffic separation zone) [M13] bound by limit joining		
	36°49.7'N	8°57.4'W	
	36°51.1'N	9°04.7'W	
	36°56.5'N	9°10.9'W	
	37°02.4'N	9°12.3'W	
	37°02.5'N	9°11.7'W	
	36°56.7'N	9°10.4'W	
	36°51.5'N	9°04.3'W	
	36°50.1'N	8°57.3'W	
	Purple composite line (inshore traffic zone limit) between		
	37°02.5'N	9°11.7'W	
	37°01.4'N	8°59.8'W	
	Purple composite line (inshore traffic zone limit) between		
	36°59.6'N	8°57.0'W	
	36°50.1'N	8°57.3'W	
	Purple open-outlined arrow indicating flow of traffic [M10] oriented 138°		
	36°53.7'N	9°09.4'W	
	Legend "NON-DANGEROUS CARGO" between		
	36°50.7'N	9°04.6'W	
	36°49.6'N	8°58.4'W	
	Note: The above Traffic Separation Scheme Amendments have been adopted by the IMO and will become effective at 0001 UTC hours on 1 December 2010		
	(NTM0020/2010)		
51261	23Ed. 6/4/94	LAST NM 20/09	47/10
Delete	Depth 18.1 meters Wk		
	32°41.1'N	17°07.4'W	
	Dangerous wreck		
	32°40.9'N	17°07.1'W	
	Depth 127 meters		
	32°59.1'N	16°23.8'W	
Add	Depth 17 meters Wk [K26]		
	32°41.2'N	17°07.4'W	
	Depth 44 meters enclosed by depth contour (50-meter) centered		
	32°59.2'N	16°23.8'W	
	(UKHO ARCS 1831-0)		
52220	7Ed. 7/1/89	LAST NM 32/10	47/10
Delete	(Plan) Buoy (wavemeter)		
	36°45'04"N	5°06'54"E	
Add	Buoy (wavemeter) Y, spherical, "X" topmark, Fl(5) Y 20s [Q130.6]		
	36°45'20"N	5°06'38"E	
	(UKHO ARCS 1710-1)		
52221	7Ed. 6/3/95	LAST NM 32/10	47/10
Delete	Buoy (wavemeter)		
	36°45'14.2"N	5°06'25.6"E	
	Buoy (wavemeter)		
	36°45'04.0"N	5°06'54.0"E	
Add	Buoy (wavemeter) Y, spherical, "X" topmark, Fl(5) Y 20s [Q130.6]		
	36°45'20.3"N	5°06'37.9"E	
	(UKHO ARCS 1710-1)		
52223	4Ed. 6/3/95	LAST NM 32/10	47/10
Delete	Buoy (wavemeter)		
	36°53'47"N	6°56'04"E	
	(Plan)		
Delete	Buoy (wavemeter)		
	36°53'37.0"N	6°56'16.0"E	
	Buoy (wavemeter)		
	36°53'46.5"N	6°56'03.5"E	
	Buoy		
	36°53'38.4"N	6°56'49.8"E	
Add	Buoy R, can, Fl R (42)(49)06 Brest; Fr CH 5787)		
	36°53'13.9"N	6°56'44.3"E	
52262	6Ed. 6/3/95	LAST NM 32/10	47/10
Add	Wreck [K29]		
	35°50'48.9"N	0°14'23.2"W	
	(UKHO ARCS 838-0)		
52263	5Ed. 7/29/95	LAST NM 32/10	47/10
Add	Wreck [K29]		
	35°50'49"N	0°14'23"W	
	(UKHO ARCS 838-0)		
53100	17Ed. 2/11/06	LAST NM 42/10	47/10
Add	"Fishing Prohibited" area [N21] bound by purple composite line joining		
	43°22.7'N	9°56.5'E	
	43°21.8'N	9°58.9'E	
	43°18.9'N	9°57.0'E	
	43°19.8'N	9°54.5'E	
	(Ital CH 4)		
53110	1Ed. 7/22/89	LAST NM 39/10	47/10
Delete	(Panel A) Legend "PA"		
	40°54.4'N	8°19.4'E	
	(Ital CH 910)		
53180	10Ed. 1/21/95	LAST NM 43/10	47/10
Add	Depth 21 meters		
	40°14.0'N	14°50.4'E	
	(Ital CH 10)		
53281	4Ed. 12/27/97	LAST NM 21/10	47/10
Delete	Depth 28 meters Wk (PA)		
	40°54'05"N	8°17'45"E	
	Depth 28 meters Wk (PA)		
	40°53'57"N	8°18'30"E	
Add	Depth 28 meters Wk [K26]		
	40°53'48"N	8°18'24"E	
	Depth 28 meters Wk [K26]		
	40°53'50"N	8°17'59"E	
	Depth 38 meters		
	40°51'50"N	8°11'17"E	
	(Ital CH 289)		
54085	2Ed. 5/30/92	LAST NM 41/10	47/10
Add	Wreck [K29]		
	41°09'51"N	17°05'32"E	
	(Ital CH 31)		
54090	3Ed. 9/14/02	LAST NM 45/10	47/10
Delete	Wreck		
	40°52.2'N	17°30.8'E	
Add	Depth 23 meters Wk [K26]		
	40°52.5'N	17°30.3'E	
	(Ital CH 920)		
54095	3Ed. 9/14/02	LAST NM 41/10	47/10
Delete	Wreck		
	40°52.2'N	17°30.8'E	
Add	Depth 23 meters Wk [K26]		
	40°52.5'N	17°30.3'E	
	Wreck [K29]		
	41°09.9'N	17°05.5'E	
	(Ital CH 31, 920)		
54125	4Ed. 9/3/05	LAST NM 46/10	47/10
Substitute	Depth 26 meters Wk [K26] for 27 meters Wk		
	45°05.2'N	12°35.9'E	
	(See 29/10-54125)		
Add	Depth 17.8 meters Wk [K26]		
	45°23.7'N	12°32.9'E	
	Depth 28.5 meters Wk [K26]		
	45°14.7'N	12°55.1'E	
	Depth 31 meters Obstn [K41]		
	45°17.1'N	13°02.0'E	

(continued on next page)

SECTION I

NM 47/10

54125	(Continued)				
	Depth 30 meters Obstn [K41]	45°17.8'N	13°01.8'E		
	Depth 26.5 meters Wk [K26]	45°07.9'N	12°36.9'E		
	Buoy Y, spherical, Fl(5) Y 20s [Q130.6]	45°34.0'N	13°12.5'E		
	(6(36), 17(31)10 Genova; Ital CH 39)				
54131	2Ed. 2/10/01 LAST NM 43/10			47/10	
	Add Wreck [K29]	41°09.9'N	17°05.5'E		
	(Ital CH 31)				
54161	13Ed. 7/17/10 LAST NM N38/10			N47/10	
	Substitute Depth 26 meters Wk [K26] for 27 meters Wk	45°05'12"N	12°35'54"E		
	Add Depth 17.8 meters Wk [K26]	45°23'44"N	12°32'53"E		
	(17(31)10 Genova)				
54169	3Ed. 11/27/99 LAST NM 42/10			47/10	
	Add Buoy Y, spherical, Fl(5) Y 20s [Q130.6]	45°33'59"N	13°12'29"E		
	(Ital CH 39)				
54333	3Ed. 4/13/96 LAST NM 34/10			47/10	
	Change Light to Fl(2) 15s 36m 18M	35°21'40"N	26°49'28"E		
	(9(223)10 Athens)				
54382	9Ed. 6/1/96 LAST NM 44/10			47/10	
	Add Light Fl G 3s	39°29'11"N	26°55'36"E		
	(14(62)08 Istanbul)				
54389	8Ed. 5/18/96 LAST NM 42/10			47/10	
	Add Buoy Y, pillar, Fl R	38°03'07"N	26°58'59"E		
	Buoy Y, pillar, Fl R	38°01'44"N	26°58'00"E		
	(19(90)08 Istanbul)				
54400	8Ed. 6/2/90 LAST NM 42/10			47/10	
	Substitute Depth 8.6 meters for 9.8 meters	37°17.0'N	27°23.1'E		
	(22(106)08 Istanbul)				
55084	7Ed. 6/1/96 LAST NM 33/10			47/10	
	Change Legend to "Depth 14.5m (2010)"	46°19'03.0"N	30°41'01.1"E		
	(19(2371)10 St. Petersburg)				
55103	3Ed. 10/25/08 LAST NM N18/10			N47/10	
	Add Depth 14.8 meters Obstn [K41]	44°37'24.7"N	33°30'36.7"E		
	(19(2376)10 St. Petersburg)				
55160	2Ed. 6/1/96 LAST NM 40/10			47/10	
	Change Light to Fl R 5s 14m 10M	41°18.4'N	36°21.1'E		
	(17(77)08 Istanbul)				
55161	1Ed. 8/10/96 LAST NM 40/10			47/10	
	(Plan)				
	Change Period of light to 5s	41°18'28.0"N	36°21'03.5"E		
	(17(77)08 Istanbul)				
55190	2Ed. 10/5/96 LAST NM 37/10			47/10	
	Add Depth 7.5 meters Wk [K26] marked by buoy				
	BRB, pillar, double ball topmark, Fl(2) 5s	46°13.1'N	36°58.0'E		
	[Q130.4]				
	(14(1875)05 St. Petersburg; UKHO ARCS 234-0)				
55200	2Ed. 8/17/96 LAST NM 27/10			47/10	
	Add Submarine pipeline [L40.1] joining	44°52.3'N	37°19.0'E		
		44°52.0'N	37°18.5'E		
		44°51.9'N	37°18.2'E		
		44°51.8'N	37°17.8'E		
		44°51.6'N	37°17.5'E		
		44°51.2'N	37°16.5'E		
	(32(4263)10 St. Petersburg)				
61091	6Ed. 6/23/07 LAST NM N23/10			N47/10	
	Add Foul ground symbol [K31] (PA)	29°46'05.4"S	31°07'55.2"E		
	(11(108)09 Cape Town)				
61092	14Ed. 10/6/07 LAST NM N23/10			N47/10	
	Add Buoy Y, spherical, Fl(5) Y 20s [Q130.6]	29°51'48.0"S	31°04'06.6"E		
	(11(108)09 Cape Town)				
63015	11Ed. 2/4/84 LAST NM 34/10			47/10	
	Change Visibility (range) of light (Fl(3)) to 22M	17°00.9'N	82°16.8'E		
	Add Light Fl(4) 20M	11°08.6'N	79°51.3'E		
	(7(147)09, 17(222)10 Dehra Dun)				
63205	2Ed. 4/20/96 LAST NM 44/10			47/10	
	Add "Spoil Ground" area [N62.1] bound by				
	dashed-line circle, radius 1500 meters, centered	10°00'05"N	76°04'57"E		
	"Spoil Ground" area [N62.1] bound by				
	dashed-line circle, radius 1500 meters, centered	9°55'05"N	76°05'57"E		
	(7(110)10 Dehra Dun)				
63260	6Ed. 9/13/08 LAST NM 44/10			47/10	
	Add Light Fl(4) 15s 33m 20M	11°08.6'N	79°51.3'E		
	(17(222)10 Dehra Dun)				
63290	7Ed. 9/1/90 LAST NM 34/10			47/10	
	Change Light to Fl(3) 15s 54m 22M Racon (G)	17°00.8'N	82°17.1'E		
	(Plan)				
	Change Light to Fl(3) 15s 54m 22M Racon (G)	17°00'54.5"N	82°16'57.9"E		
	(See 22/03-63290)				
	(7(147)09 Dehra Dun)				
63291	9Ed. 7/3/99 LAST NM 44/10			47/10	
	Add Stranded wreck [K24]	17°39'40"N	83°17'12"E		
	(Ind CH 3012)				
74189	1Ed. 8/18/06 LAST NM N22/08			N47/10	
	Delete Light from beacon	27°26.420'S	153°03.042'E		
	(Plan Bulimba Reach)				
	Delete Light from beacon	27°26.418'S	153°03.041'E		
	(8(408)10 Wollongong)				
★74518	1Ed. 9/1/83 NEW CHART			N47/10	
	(NGA)				
75130	16Ed. 8/26/95 LAST NM 43/10			47/10	
	Delete Light and sector limits	34°47.4'S	138°24.8'E		
	Pilot station symbol	34°47.4'S	138°22.4'E		
	Add Pilot station symbol [T1.1]	34°48.2'S	138°20.8'E		
	Beacon R, can topmark, Q 10M	34°46.8'S	138°22.5'E		
	Anchor berth "PA" [N11.1]	34°48.2'S	138°19.6'E		
	(10(550)10 Wollongong; Aus CH 138)				
75134	3Ed. 11/18/95 LAST NM 43/10			47/10	
	Delete Beacon "Fairway Beacon" and legend "SEE				
	NOTE"	34°47'12"S	138°24'43"E		
	NOTE "Fairway beacon...entering."	34°11'15"S	138°28'23"E		
	Pilot station symbol	34°47'16"S	138°22'16"E		
	Add Pilot station symbol [T1.1]	34°48'14"S	138°20'49"E		
	Beacon "Entrance" R, can topmark, Q 10M	34°46'49"S	138°22'32"E		
	Anchor berth "PA" [N11.1]	34°48'13"S	138°19'36"E		
	(Plan A)				
	Delete Beacon "Fairway Beacon", sector limits and				
	legend "(see Note)"	34°47'18"S	138°24'40"E		
	Pilot station symbol	34°47'20"S	138°22'12"E		
	(continued on next page)				

75134 (Continued)
 Add Pilot station symbol [T1.1] 34°48'14"S 138°20'49"E
 Beacon "Entrance" R, can topmark, Q 10M
 34°46'49"S 138°22'32"E
 Anchor berth "PA" [N11.1] 34°48'13"S 138°19'36"E
 (10(550)10 Wollongong; Aus CH 138)

76071 9Ed. 1/28/89 LAST NM 22/09 47/10
 Change Light to L Fl 10s 29m 7M with visible sector
 314°-107° 41°15'35.0"S 174°51'48.0"E
 (21(174)10 Wellington)

83025 1Ed. 11/7/81 LAST NM 48/09 47/10
 Delete Depth 18 meters (ED), blue tint and enclosing
 dotted-line circle centered 23°16.5'S 134°52.0'W
 Depth 16 meters (ED) and enclosing
 dotted-line circle centered 23°19.3'S 134°54.3'W
 Depth 18 meters (ED) and enclosing
 dotted-line circle centered 23°20.9'S 134°57.4'W
 Depth 9 meters, blue tint and enclosing
 dotted-line circle centered 23°41.2'S 134°28.5'W
 Depth 425 meters 23°23.7'S 134°52.3'W
 Depth 271 meters 23°25.5'S 134°55.4'W
 Depth 236 meters 23°24.0'S 135°00.0'W
 Depth 303 meters 23°21.2'S 135°04.9'W
 Depth 352 meters 23°20.4'S 135°07.2'W
 Depth 460 meters 23°17.2'S 135°05.0'W
 Depth 220 meters 23°27.8'S 134°58.5'W
 Depth 11 meters 23°39.5'S 134°23.0'W
 Add Depth 10.5 meters 23°39.1'S 134°22.3'W
 (UKHO ARCS 4655-0)

83251 2Ed. 7/11/98 LAST NM 21/09 47/10
 Delete Depth 16 meters (ED), blue tint and enclosing
 dotted-line circle, centered 23°19'30"S 134°52'48"W
 Depth 18 meters (ED), blue tint and enclosing
 dotted-line circle, centered 23°20'51"S 134°56'44"W
 Depth 18 meters (ED), blue tint and enclosing
 dotted-line circle, centered 23°16'42"S 134°52'02"W
 Depth 425 meters 23°23'28"S 134°52'18"W
 Depth 1419 meters 23°24'39"S 134°52'10"W
 Depth 271 meters 23°25'24"S 134°55'24"W
 Depth 236 meters 23°24'21"S 135°00'00"W
 Depth 304 meters 23°25'33"S 135°00'00"W
 Depth 688 meters 23°22'58"S 135°01'45"W
 Depth 303 meters 23°21'10"S 135°04'24"W
 Depth 1179 meters 23°22'48"S 135°05'42"W
 Depth 352 meters 23°20'26"S 135°07'00"W
 Depth 522 meters 23°18'44"S 135°07'30"W
 Depth 460 meters 23°17'06"S 135°04'42"W
 Depth 1591 meters 23°15'35"S 135°05'54"W
 (UKHO ARCS 4655-0)

83253 2Ed. 8/29/98 LAST NM 21/09 47/10
 Delete Depth 18 meters (ED), blue tint and enclosing
 dotted-line circle, centered 23°16'42.0"S 134°51'58.0"W
 Depth 460 meters and enclosing depth contour
 (1000-meter) centered 23°17'09.0"S 135°04'42.0"W
 Depth 1591 meters 23°15'36.0"S 135°05'52.0"W
 (UKHO ARCS 4655-0)

83476 26Ed. 10/12/85 LAST NM 20/05 47/10
 (Plan A)
 Delete Buoy (mooring) 13°48'54.0"S 171°45'35.0"W
 Buoy 13°49'00.7"S 171°45'36.5"W
 Buoy 13°49'01.0"S 171°45'36.0"W
 Add Buoy G, conical, cone topmark, Oc G 6s
 [Q130.1] 13°48'27.9"S 171°45'34.7"W
 Buoy R, can, can topmark, Oc R 6s [Q130.1]
 13°48'38.1"S 171°45'21.5"W
 (22(185)10 Wellington; NZ CH 8655)

91020 5Ed. 2/11/84 LAST NM 46/10 47/10
 Add Light Fl 7s 12°17.6'N 121°55.6'E
 (UKHO ARCS 4484-0)

91030 3Ed. 6/18/94 LAST NM 46/10 47/10
 Change Height of light to 207ft 12°45.2'N 124°17.0'E
 (UKHO ARCS 4486-0)

91040 1Ed. 12/1/51 LAST NM 13/06 47/10
 Change Light to Fl(3) 15s 13°54'46"N 123°48'48"E
 (UKHO ARCS 4412-0)

91220 3Ed. 8/8/98 LAST NM 30/04 47/10
 Change Period of light to 5s 17°19'54"N 120°27'35"E
 (UKHO LL)

91240 5Ed. 3/23/96 LAST NM 14/07 47/10
 Add Light Fl G 5s 10M 16°11'35"N 120°00'13"E
 (2(26)09 Manila; UKHO LL)

91380 2Ed. 8/16/80 LAST NM 10/07 47/10
 Change Height of light to 63m 12°45'10"N 124°17'02"E
 (UKHO ARCS 4486-0)

92030 4Ed. 1/22/83 LAST NM 46/10 47/10
 Add Light Fl 7s 12°17.6'N 121°55.6'E
 (UKHO ARCS 4484-0)

92440 4Ed. 5/30/98 LAST NM 46/10 47/10
 Add Light Fl 7s 12°17'36"N 121°55'36"E
 (UKHO ARCS 4484-0)

92470 3Ed. 6/21/86 LAST NM 46/10 47/10
 Add Light Fl 7s 12°17'36"N 121°55'36"E
 (UKHO ARCS 4484-0)

95268 16Ed. 3/28/98 LAST NM 48/09 47/10
 (Plan A)
 Change Visibility (range) of light to 12-10M 36°47'30.5"N 137°04'21.3"E
 (Jpn LL)

95270 5Ed. 1/24/04 LAST NM 38/10 47/10
 Change Visibility (range) of light to 4M 36°55'18"N 137°01'48"E
 Visibility (range) of light to 5M 36°54'42"N 137°01'24"E
 Visibility (range) of light to 5M 36°53'00"N 136°59'48"E
 Visibility (range) of light (Fl 3s) to 8M 36°51'54"N 136°59'42"E
 Visibility (range) of light to 7M 36°48'06"N 137°04'30"E
 Visibility (range) of light to 12-10M 36°47'30"N 137°04'24"E
 Visibility (range) of light to 3M 36°45'42"N 137°11'36"E
 Visibility (range) of light to 7M 36°45'30"N 137°18'00"E
 Light to Fl(2) G 5s 12m 5M, 36°48'24"N 137°23'24"E
 Fl(2) R 5s 12m 3M
 Visibility (range) of light to 9M 36°55'30"N 137°25'36"E
 Visibility (range) of light (Fl(2) 11s) to 12M 36°58'18"N 137°35'12"E
 (Jpn LL)

96360 4Ed. 8/26/95 LAST NM 16/06 47/10
 Delete Light 53°31.6'N 140°50.2'E
 (14(1886)05 St. Petersburg)

96379 1Ed. 5/13/89 LAST NM 10/03 47/10
 Delete Light 53°31'37"N 140°50'11"E
 (14(1886)05 St. Petersburg)

SECTION I

NM 47/10

Chart 11346

NM 47/10

BELLE PASS AND BAYOU LAFOURCHE CHANNEL							
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO AUG 2010							
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 (NAUT. MILES)	DEPTH MLLW (FEET)
BELLE PASS REACH	24.0	23.0	19.0	8-10	300	1.1	26.0
PORT FOURCHON REACH	16.0	21.0	20.0	8-10	300	3.0	24.0

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

Chart 11537

NM 47/10

CAPE FEAR RIVER CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JUN 2010 AND SURVEYS TO JUN 2010								
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 (STAT. MILES)	DEPTH MLLW (FEET)
BALDHEAD SHOAL								
REACH 3	40.0	42.8	43.0	38.0	5,6-10	500-900	5.7	44
REACH 2	42.7	43.7	42.9	30.9	4-10	900	0.8	44
REACH 1	44.3	45.3	40.8	15.8	4-10	700	0.9	44
SMITH ISLAND	19.8	42.4	46.0	45.5	4-10	500-650	0.9	44
BALDHEAD-CASWELL	41.3	45.7	45.5	48.8	1-10	500	0.4	44
SOUTHPORT	44.7	46.3	44.0	39.4	1-10	500	1.0	44
BATTERY ISLAND	42.6	45.3	44.0	34.4	5-10	500	0.5	44
LOWER SWASH	42.0	42.5	42.7	40.2	5-10	400	1.8	42
SNOWS MARSH	39.4	41.4	41.4	39.7	5-10	400	2.9	42
HORSESHOE SHOAL	38.9	40.1	40.5	37.9	5-10	400	1.2	42
REAVES POINT	41.1	41.9	43.3	40.2	2-10	400	1.2	42
LOWER MIDNIGHT	38.2	41.8	42.8	37.0	5-10	600	1.6	42
UPPER MIDNIGHT	36.8	42.9	41.9	38.9	5-10	600	2.6	42
LOWER LILLIPUT	32.1	41.7	42.5	32.1	4-10	600	2.1	42
UPPER LILLIPUT	39.5	41.0	42.0	40.9	4-10	400	1.9	42
KEG ISLAND	38.2	43.3	41.7	33.1	5-10	400	1.5	42
LOWER BIG ISLAND	38.2	43.7	43.7	35.1	10-09	400	0.8	42
UPPER BIG ISLAND	39.3	43.3	38.9	29.8	3-10	510-700	0.5	42
LOWER BRUNSWICK	40.8	43.4	42.9	38.8	3-10	400	1.6	42
UPPER BRUNSWICK	41.7	44.8	45.3	42.3	3-10	400	0.8	42
FOURTH EAST JETTY	40.5	44.2	43.6	41.3	3-10	500	1.7	42
BETWEEN CHANNEL	37.0	38.0	40.9	40.5	4-10	550	0.5	42
LOWER ANCHORAGE BASIN	37.6	41.3	40.3	37.4	5-10	550-1200	0.75	42
UPPER ANCHORAGE BASIN	35.5	37.1	37.7	34.6	5-10	450-940	0.75	38
HWY 74-76 TO BATTLESHIP (E)	27.0	35.0	36.0	34.0	12-09	400	0.6	32
BATTLESHIP TO HWY 133 INCLUDING TURNING BASIN (E)	13.0	27.0	29.0	19.0	3,5,12-09	180-850	0.9	32
HWY 133 TO HILTON BRIDGE (E)	31.7	32.7	30.8	32.6	12-09	200-400	0.5	32
THENCE TO END OF PROJECT AT 34°16'36"N, 77°57'01"W (E)	17.9A	20.9B	19.2C	13.0D	12-09	200	1.2	25
TURNING BASIN (E)	21.8	16.6	12.5	11.0	12-09	500	0.1	25

A. EXCEPT FOR SHOALING TO 9.5 FEET FOR THE LAST 250 FEET OF THE PROJECT.
 B. EXCEPT FOR SHOALING TO 9.0 FEET FOR THE LAST 250 FEET OF THE PROJECT.
 C. EXCEPT FOR SHOALING TO 9.9 FEET FOR THE LAST 400 FEET OF THE PROJECT.
 D. EXCEPT FOR SHOALING TO 9.0 FEET FOR THE LAST 400 FEET OF THE PROJECT.
 E. CHANNELS ARE NOT REPORTED IN THE CORPS OF ENGINEERS CHANNEL CONDITION REPORT.
 NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

SECTION I

NM 47/10

Chart 11545

NM 47/10

MOREHEAD CITY HARBOR CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JUN 2010 AND SURVEYS TO JUN 2010								
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 (STAT. MILES)	DEPTH MLLW (FEET)
RANGE A	14.3	33.9	31.7	7.8	6-10	450-650	6.6	47
CUTOFF	46.0	29.2	12.9	4.5	6-10	600	0.7	45
RANGE B	31.3	38.7	48.3	46.9	2-10	400	1.3	45
RANGE C	46.1	44.5	43.7	43.1	3-10	1888	0.6	45
EAST LEG	41.2	43.6	43.5	38.6	3-10	455-880	0.3	45
WEST LEG	32.0	35.9	43.0	40.0	3-10	775	0.5	35
NORTHWEST LEG	29.8	34.5	36.0	29.8	3-10	120-1200	0.5	35

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

Chart 11547

NM 47/10

MOREHEAD CITY HARBOR CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JUN 2010 AND SURVEYS TO JUN 2010								
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 (STAT. MILES)	DEPTH MLLW (FEET)
RANGE A	14.3	33.9	31.7	7.8	6-10	450-650	6.6	47
CUTOFF	46.0	29.2	12.9	4.5	6-10	600	0.7	45
RANGE B	31.3	38.7	48.3	46.9	2-10	400	1.3	45
RANGE C	46.1	44.5	43.7	43.1	3-10	1888	0.6	45
EAST LEG	41.2	43.6	43.5	38.6	3-10	455-880	0.3	45
WEST LEG	32.0	35.9	43.0	40.0	3-10	775	0.5	35
NORTHWEST LEG	29.8	34.5	36.0	29.8	3-10	120-1200	0.5	35

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

Chart 12251

NM 47/10

JAMES RIVER CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO OCT 2009								
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)	
DANCING POINT - SWANN POINT SHOAL CHANNEL	25.3	25.3	23.0	9,10-09	300	7.6	35A	
WEYANOKE SHOAL CHANNEL	30.6	30.9	29.5	5-02	300	0.6	35A	
JORDAN POINT - HARRISON BAR WINDMILL POINT SHOAL CHANNEL	25.1	24.9	23.3	12-08;1-09	300	8.6	35A	

A. CHANNEL MAINTAINED TO 25 FEET.
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

**CHARTS AFFECTED BY NOTICE TO MARINERS
NM 2/09 THROUGH NM 47/10**

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.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
11	2	8,23,33,47/09	530	32	4,6,11,21,22,23,26,27,28,29,30,32,34,35,36,37,38,39,40,41,42,46,50/09;1,3,5,7,9,10,11,12,26,38,40,45,46/10	11305	2	N4,N23,N32,N38,N42,N45/09;N1,N2,N15,N36,N47/10	11353	5	3,9,13,14,15,16,22,24,28,31,32,33,35,49/09;1,3,4,6,7,11,14,16,22,25,28,34,40,41/10
12	1	23,29,33,34,45,47/09				11306	21	19/10	11356	38	2,7,8,10,15,25,42,49/09;9,11,17,19,27,34,37,40,42,46/10
13	1	23,29,33,34,45,47/09				11307	38	3*,9,28,47/10			
20	3	4/09;7,36/10				11308	24	4,32,42,43/09;1,2,33,36,46,47/10	11357	40	31*,35,36,41,43,48,49/09;3,4,11,12,28,30,37,38,40,42,46,47/10
21	4	18,46,48/09;7,16,36/10	531	24	4,5,8,23,24,26,32,36,37,43,47/09;2,3,5,6,9,15,28/10	11309	40	27*,33,36,46,47/10	11358	56	41/10*
22	1	4,46,48/09;7,16,36/10				11310	2	N23,N38,N45/09;N11,N15,N16,N36/10	11359	14	9*,22,40/10
50	6	6,22,23,26,28,29,34,35,36,37,39,40,41/09;4,5,7,11,12,22,26,40,45/10	532	17	32,41,50/09;7/10	11311	24	23,38,45/09;15,34,36,46/10	11360	43	3*,4,5,10,12,13,15,16,25,31,32,33,34,35,38,40,41,42,43,45,49,50/09;2,5,7,9,11,14,16,19,23,26,27,28,29,30,31,32,36,41/10
			540	19	6,16,22,27,28,29,30,34,35,39,40,41,42,45,46,52/09;1,6,12,22,23/10	11312	5	34*,38,42,45/09;1,2,15,16,36,47/10			
51	1	6,13,22,28,34,35,39,40,41/09;21,22,31,36/10				11313	23	8,10,38,41,42,43/09;2,12,24,26,47/10	11361	75	40*,41,50/09;2,14,16,22,28,30,40,41/10
52	1	37,38,47/09;7,18/10				11314	25	3/09*	11362	5	N4,N5,N10,N12,N13,N15,N16,N25,N31,N32,N33,N34,N35,N38,N40,N41,N42,N43,N45,N49,N50/09;N2,N5,N7,N9,N11,N14,N16,N19,N23,N27,N28,N29,N30,N31,N32,N36,N41/10
53	2	4,22,32,34,35,38,39,40,41,47,50/09;7,18/10	541	2	6,20,28,29,35,45/09;18,22/10	11316	41	9,23,38,42,45/09;9,11,14,15,16,24,26,29,36/10			
62	3	41/09;23,26,36/10	550	7	28/09;34,37,38,40/10	11317	32	19*,38,45/09;14,15,16,24,29,36/10	11363	42	42/09*;1,2,3,4,6,11,14,16,22,25,28,34,40,41/10
70	4	18/09;4,7,10	600	5	13/09;7/10	11320	1	N38/09	11364	43	42*,50/09;3,17,30,34,42/10
71	4	24,46/09	601	4	13/09;4,7/10	11321	30	16,27/09;9,26,32,37/10	11365	22	9*,11,28,30,31,36,46,47/10
72	4	23,24/09;7/10	602	6	8,18,28,29,33/09;7,43/10	11322	32	3*,6,23,25,38/09;15,17,24,26,29,36/10	11366	13	18*,19,22,23,26,29,30,31,34,36,38,40,41,46/10
73	4	18,24,46/09;4,7/10	603	6	7/10	11323	63	3*,6,12,14,15,25,31,36,40/10	11367	36	24*,37,40,46/10
105	4	46/09	604	5	8/09;7/10	11324	36	11*,23,24,25,27,29,34,38,41,45,49/09;2,14,15,16,19,25,28,29,31,36,40,46/10	11368	24	12,13,30,31,43/09;3,37,40,46/10
107	3	47,49/09;29/10	605	4	8,15,20,35/09;7/10	11326	36	2,4,5,6,9,10,11,23,24,25,27,29,34,38,41,45,49/09;2,14,16,25,28,29,31,38,40,46/10	11370	27	46/09*;3/10
108	9	8,23,24,26,30,33,34,38,46,47/09;3/10	606	1	20,35,48/09;7/10	11327	34	14*,23,38,45/09;15,16,19,25,36/10	11371	39	27*,37/10
109	5	8,30/09	607	1	14,48/09;7/10	11328	25	23,38,45/09;15,16,19,25,36,38/10	11372	34	12*,16,17/10
111	3	45/09	608	2	8,10,15,48/09;6,26,30,34/10	11329	38	6,23,38,45/09;15,16,27,36,38/10	11373	48	4*,6,9,15,16,17,19,22,26,33,37,40,46/10
120	6	8,23,29,33,34,45,46,47,49/09;3/10	609	2	7,48/09;36/10	11330	20	3*,6,9,11,14,16,17,28,29,30,31,37,38,46,47/10	11375	37	31*,33,40,46/10
124	10	23,29,33,34,45,46,47,49/09;3/10	622	9	8,13,17,20,28,29,33,35/09;7/10	11331	21	11*,22,27,30,41,49/09;6,14,34,40/10	11376	54	4*,5,9,11,13,14,17,19,28,33,34,36,37,41,46/10
145	16	8,23,29,34,41,45,46,49/09;3,4,5,7,12,13,21,26/10	623	9	29,33/09;7/10	11332	31	27*,31,36,38,41/10	11377	9	31*,37,41,46/10
200	3	4,48/09;7,36,45,46/10	624	3	7/10	11333	1	N38/09	11378	37	31*,37,41,47/10
201	2	4/09;32/10	625	4	48/09	11339	3	17*,28,33,40,46/10	11380	2	23*,37,41,46/10
202	2	32/10	632	8	7/10	11340	74	40*,41,42,43,45,48,49,50,51/09;1,2,4,6,9,11,14,16,17,19,26,27,28,29,30,31,34,36,37,38,40,41,42,46,47/10	11382	41	31*,32/10
203	2	6/09;36/10	700	4	18/09;7/10	11341	42	2,5,11,15,23,27,33,35,38,42,49,50/09;11,14,15,24,31,33,36,38,41,47/10	11383	51	8,22,23,25,30,38,40,43,45,48/09;2,12,13,16,17,20,22,47/10
204	4	16,36/10	702	5	47/09;4,7/10	11342	53	4,6,11,14,22,23,25,27,30,38,41,45,49/09;5,6,11,14,15,16,19,24,36,37/10	11390	24	9,21,28,30,35,45,50/09;2,24,32,34/10
211	5	4,46,48/09;7,36,45,46/10	703	4	24/09	11343	38	8,22,23,25,27,30,38,41,45,49/09;14,15,16,19,24,34,36/10	11391	24	9,21,28,30,35,43,45,50/09;2,24,32,34/10
301	1	4,16,37,39/09	704	1	38/09	11344	38	50/09;2,9,17,19,28,33,34,37,46/10	11392	7	9,45,50/09
302	1	4,30,39/09	705	3	24,38,47/09;1/10	11345	34	31,35,50/09;19,25,46/10	11393	21	45/09;13,19,26/10
310	20	4,37,39/09	706	4	24,46/09;1/10	11346	2	34*,40,41,43,48,49/09;2,4,11,12,22,28,30,31,33,36,37,38,46,47/10	11401	30	22,45,48/09;32/10
400	3	4,23,24,26,28,29,33,34,45,46,47,49,51/09;3,6,42/10	707	2	24,46/09;4,7/10	11347	38	7,22,31,33,36,38,43,50,51/09;2,9,28,33,40,46/10	11402	21	48/09;32/10
401	5	16,24,28,33,34,47/09;6,42/10	708	3	18/09;7,33/10	11348	22	31,51/09;9,28,33,40/10	11403	23	22,43,48/09
402	4	4,16,23,29,47,49,51/09;3/10	709	2	33,39/10	11349	43	9,24,31,35,42,45,50/09;14,16,19,25,30,40,46,47/10	11404	29	10/10
411	52	3,4,5,8,10,14,16,24,25,28,32,33,34,41,45,52/09;6,11,29,41,42,43,46/10	800	4	17,31,41/09	11350	27	35,45/09;19,30/10	11409	29	37/10
500	8	26,32,36,37/09;3,28/10	803	1	17,26,31,32,36,37,41,45/09;7,24/10	11351	42	12*,19,29/10	11411	17	5,8,10,33,46/10
501	13	35*,36,47/09;5,10,11,12,14,21,26,36,39,40,47/10	805			11352	41	10*,11,22,30,31,46,47/10	11412	44	9,14,16,30,39,41/09;5,6,8,10,21,46/10
502	2	13,26,27,43/09;4,10,21,34,36,47/10	1113A		10*,13,14/10				11415	8	14,24,30,41/09;5,6,21,33,46/10
503	4	41,43/09;10,13,21,29/10	1114A		7,8,22,24,30,41,45/09;8,10,11,32/10				11420	29	10*,13,14/10
504	4	6,16,22,27,28,29,34,35,38,39,40/09;22/10	1115A		3*,4,5,10,12,13,15,16,25,31,32,33,34,35,38,40,41,42,43,45,49,50/09;2,5,7,9,11,14,16,19,23,26,27,28,29,30,31,32,36,41/10						
505	2	14,21/09	1116A		40*,41,42,43,45,48,49,50,51/09;1,2,4,6,9,11,14,16,17,19,26,27,28,29,30,31,34,36,37,38,40,41,42,46,47/10						
506	2	37,47/09;18/10	1117A		2,4,5,6,8,14,15,16,23,25,32,38,41,43/09;4,6,9,14,16,28,29,37,38,46,47/10						
507	2	37,47/09;7,18,38/10	11004	8	4,8,9,10,15,16,17,22,23,24,25,27,28,29,30,31,32,33,34,35,36,41,42,43,51/09;1,4,6,9,11,14,16,37,40,42,46,47/10						
508	2	38/09;7,38,40/10	11006	33	17*,24,25,26,28,31,32,34,35,38,40,41,43,45,49,52/09;7,9,16,19,27,28,29,30,32,40,41,42/10						
509	4	23,29,38/09;18,19/10	11009	38	3,10,22,24,26,33,38,45,46,47,52/09;14,31,41,45,46/10						
510	3	23,29,37,38,47/09	11013	47	8,16,22,24,27,28,31,32,40,45,51,52/09;14,37/10						
511	4	23,24/09;18/10	11299	1	N23,N38,N45/09;N15,N16,N36/10						
513	7	4,41,50/09;7,45/10	11300	42	2,4,5,6,8,14,15,16,23,25,32,38,41,43/09;4,6,9,14,16,28,29,37,38,46,47/10						
514	7	22/10	11301	25	4,15,17,22,23,35,38/09;9,15,16,19,33,36/10						
520	127	6,13,22,23,26,27,28,32,34,35,36,37,39,40/09;3,4,5,11,12,22,24,26,40/10	11302	32	15,22,23,35,38/09;9,15,16,33,36/10						
521	11	4,22,27,34,35,38,39,40,41,50/09;7/10	11304	13	19/10						
522	87	24,29,37,38,47/09;18,34,38,40/10									
523	8	4,6,22,24,27,28,29,32,34,35,37,38,39,40,41,47,50/09;7,18/10									
524	12	29,37,38,47/09;7,18,34,38,40/10									
525	3	37,38,47/09;18/10									
526	10	6,20,22,28,29,33,34,35,37,38,39,40,47/09;7,18,22/10									

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 2/09 THROUGH NM 47/10

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.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
11423	8	N7,N16,N24,N29,N31,N33,N40,N46,N51,N52/09;N2,N5,N13,N14/10	11513	25	8/09;7,22/10	12243	14	3*,31,46/10	12347	31	35*,39/10
			11514	30	3,9,18,30,41,43,46/09;1,8,13,23,25,32,37/10	12244	13	20,43/09	12348	34	32/10*
			11516	31	23/09;22,34/10	12245	67	8,12,24,25,32,39/09;29,35,44/10	12350	59	40,41/09;42/10
11424	19	7,16,25,26,29,33,36,46/09	11517	18	8/09	12248	42	6,7,9,47/09;14,17,37,38/10	12352	32	30/10
			11518	37	12*,34,35,45/10	12251	23	6,18,32,47/09;10,14,19,47/10	12354	43	43/10*
11425	38	40/10*	11520	43	3,21,24,25,42/09;16,40,45,46/10	12252	24	2,14,35,52/09;19/10	12358	20	9,10,18,21,22/09;10,18,23/10
11426	38	17/09*;2,5,13,14/10	11521	29	15,23,28,41,43/09;5,14,20,21,34,37,45/10	12253	46	5,8,9,11,12,13,24,26,31,42/09;27,29,35/10	12362	17	38/10*
11427	34	37,41/09;5/10	11522	21	23/10*	12254	48	17*,29,32/09;19,27,33/10	12363	41	15*,27,43,46,47/10
11429	22	11/09;21/10	11523	24	15,23,39,41,43/09;5,14,20,34,37/10	12255	17	29/09;33/10	12364	38	14,15,29,36,49/09;5,27,33,46,47/10
11430	27	17*,30/09	11524	52	12*,14,16,20,23,27,34,35,37,45/10	12256	16	14*,29,32/09;19,33/10	12366	29	29/09;33,46/10
11431	13	21/10	11525	7	N3,N5,N10,N21,N24,N25,N33,N42,N46/09;N16,N40,N45,N46/10	12261	29	20/09	12367	24	11,14,15,49/09
11434	28	31,40,52/09	11527	17	39/09;7,23,27,33,37/10	12263	55	2,4,7,8,12,32/09;1,4,6,14,30,38/10	12368	27	11,36/09;27,47/10
11435	14	N31,N40,N52/09	11531	22	16/10	12266	30	10*,30/10	12369	26	5/10
11439	26	31,45,52/09;20,32/10	11532	21	13,15,18,36/09;7,8,14,16,17,27,37/10	12268	11	34/10*	12371	24	11,13/09;5,43/10
11441	41	15,40/09;8,20,32,41,45/10	11533	21	13,15,18,36/09;7,8,14,16,17,27,37/10	12270	34	2,4,7,12,13,25/09;1,14,38/10	12372	34	2,9,11,14,15,19,21,38,44/09;5,10,22,32,42,43/10
11442	35	40/09;32,41,45/10	11534	36	42*,47/09;7,8,14,27,37,41,45/10	12272	31	36,51/09;23/10	12401	10	1*,3,4,5,22,43/10
11446	32	15/09;41,45/10	11535	12	27/09;16/10	12273	57	5,18,26,35,41,51/09;15,23,32,45,47/10	12402	11	31*,49/09;22/10
11447	37	7/09*;8/10	11536	19	44/10*	12274	35	5,26,41/09;23,47/10	13003	50	28*,30,43,44,45,46/10
11450	10	14/10	11537	38	9*,17,20,21,26,27,39,40,47/09;7,14,22,32,47/10	12277	35	40/10*	13006	35	23*,27,29,30,33,39,40,43,46,47/10
11451	34	52/09*;13,14,23,27,36/10	11539	19	44/10*	12278	76	5,9,18,26,35,51/09;15,23,32,38,45/10	13009	35	44*,46,47/10
11460	42	47/09*;2,14/10	11541	39	19*,31,45/10	12280	9	31*,32,36,37,39,41,42,44,49,50,51,52/09;1,2,4,6,7,11,12,14,19,23,29,36,38,40,41,44,46/10	13200	37	23*,29,33,40/09;13,31,42/10
11461	5	23,37,40,51/09	11542	17	12,21/09	12281	52	3,9,26,35,38,51/09;3,4,27,33,38,40,41,43/10	13201	11	N2,N5,N6,N9,N12,NP15,N19,N23,N26,N27,N32,N33/09;N46/10
11462	25	18/10*	11543	23	12,21,25/09;31,46/10	12282	35	2,7,12,13,18,25,35,51/09;1,38/10	13203	50	28*,30,43,44,45,46/10
11464	17	14/10	11544	39	31,46/10	12283	26	2,7,12,13,25/09;1/10	13204	12	6/09
11465	38	11,15,27,30,32,39/09;13,23,25,36/10	11545	63	3,8,10,11,14,25,26,30,36,43/09;7,14,31,32,47/10	12284	16	35/09*	13205	38	5,10,14,21,30,38,39,42,44,46/09;4,6,10,12,18,22,23,32,39,40,42,44,47/10
11466	38	5,11,27,30,31,32,34,39,40,49/09;2,5,13,25/10	11547	37	3,8,10,14,25,26,36,43/09;7,14,31,32,47/10	12285	40	24*,33,36,43,44/10	13209	25	9,10,14,21,22/09;10,12,18/10
11467	41	11,15,27,30,31,32,39,40/09;2,3,4,6,11,23,27,36/10	11548	40	5,24,47/09	12286	30	11,24/09;43/10	13212	39	32*,42/10
11468	42	15*,23,25,27,36/10	11550	29	5,24/09	12287	18	46/09*;43/10	13213	41	2,9,15,19,38,44/09;10,22,32,42/10
11469	8	12,27,30,31,39/09	11551	20	3,6/09	12288	20	11,15,41/09;2,15,43/10	13214	28	22,32/10
11470	38	27,32/09;2,3,4,6,11/10	11552	29	47/09	12289	49	22,25/09;1,2,15/10	13215	19	9*,23,39,40,44,47/10
11471	1	N27/09	11553	40	5,25,42/09	12300	48	31*,42,47/10	13216	1	N22/10
11472	34	37*,41,46,49/09;5,7,8,25,41/10	11554	49	5,6,7,8,18,31,37,42,48,49/09;1,2,31,44,45/10	12301	22	N5,N6,N8,N11,N13,N14,N18,N19,N21,N24,N25,N26,N29,N30,N32,N37,N39,N45/09;N1,N4,N19,N39,N42,N47/10	13217	15	42,46,47/09;23,40/10
11473	1	N27,N30,N31/09;N36/10	12201	26	N5,N6,N7,N8,N9,N10,N13,N18,N31,N36,N37,N42,N48,N49/09;N1,N2,N31,N44,N45/10	12304	45	39/09;47/10	13218	41	47/09*;1,4,6,19,20,21,23,39,40,44,47/10
11474	10	8,29/09;7,14/10	12204	37	2,9,31/09;45/10	12311	45	7*,9,15,18,29,32,36,47/09;3,11,14,29,31,32/10	13219	12	6,40,44/10
11475	19	31*,46,49/09;7,8/10	12205	32	9*,12,19,27,45/10	12312	55	39*,48,51/09;1,11,26,38/10	13221	58	28*,29,39/10
11476	22	15/10*	12206	33	26,31,42/09	12313	52	7*,14,24,35,48,51/09;26,38/10	13223	41	35*,43/09;29/10
11477	6	N18,N25,N27,N28,N32,N45,N48/09;N6,N7,N20,32,N34/10	12207	22	1/10*	12314	32	8,35,37/09;7,10,11,19,36,43/10	13224	39	39/09*;7,29,41/10
11478	22	35*,45/10	12208	14	44*,49,51/09;12,19,40/10	12316	34	24,25/09;21/10	13225	34	4/10*
11479	5	N8,N18,N22,N24,N25,N27,N28,N30,N31,N45/09;N2,N14/10	12210	38	13,21,26,37,39,42,48/09;2,31/10	12317	32	24/09	13226	6	19,30/09;5,29,39/10
11480	40	15,24,25,30,32,34,45/09;5,7,40,46/10	12211	43	5,7,8,9,10,13,15,17,21,26,27,36,39,42,48/09;2,31,44/10	12318	45	23/10*	13227	14	5,39/10
11481	7	46*,48/09;6,7,20,21,32,34,45/10	12212	38	13,21,26,37,39,42,48/09;2,31/10	12319	25	3*,8,25,37,48/09;21/10	13228	12	3/10*
11482	1	N27/09;N3,N4,N6,N11/10	12214	48	17,37,39,48,49/09;15,41/10	12320	34	44/09*;3,4,5,19,43/10	13229	30	3,6,8,11,13,20,22,41,46,50/09;3,12,13,21,39,40,41,45/10
11484	23	15,25,27,28,32/09;6/10	12216	28	8,39/09;15,41/10	12321	32	43/10	13230	50	40/10*
11485	36	37/10*	12218	80	9*,22,24,29,32,36,37,38,39,49,51/09;12,19,27,30,33,40/10	12322	36	4*,19,39,42,46,47/10	13232	5	1*,21,41,45/10
11486	15	32/09	12222	52	44*,51/09;12,19,27,29,33,35,44/10	12323	25	3*,8,25,37,48/09;21/10	13233	18	13,14,20,50/09;3,39,40,42/10
11488	26	34/09;5,32/10	12224	24	3,8,22,24,37,40/09	12324	34	44/09*;3,4,5,19,43/10	13235	6	20,50/09;3,12,13,37/10
11489	38	11*,16,23,35,48/09;7,13,14,36,42/10	12225	59	9*,11,19,20,36,38,41,44,46/10	12325	51	23*,45/09;22,30,42/10	13236	30	6,41,46/09;39/10
11490	19	23,34,46/09;16,23,32,36,37,46/10	12226	18	39*,42,50/09;7,11,19,41,46/10	12327	103	9*,12,13,19,20,21,22,23,29,39,40,43,44,45,46,47/10	13237	40	11,14,15,19,20/09;5,20,40,42,45/10
11491	37	26*,36,37,46/10	12228	32	7,27,40,42,44,50,52/09;2,4,7,11,14,20,36,38,41,44/10	12331	32	12*,20/10	13238	16	14,20/09;40,42/10
11493	10	N48/09*;N8,N16,N32,N45/10	12230	64	17*,27,41,44,49,50,52/09;2,11,29,33,36,38,44/10	12332	22	10,19,20/09;5,11/10	13241	16	15/09;20/10
11494	9	N5*,N7,N16,N32,N45/10	12231	28	44/09*;29,38,44/10	12333	36	4*,19,39,42,46,47/10	13242	38	2,26,29,30,33,41,46/09;2,12,19,39/10
11496	10	N3,N15,N24,N25,N30,N33,N34,N45/09;N5,N7,N16,N40,N46/10	12233	37	7,8,11,18,41,50/09;2,11,33,36,38,44/10	12334	70	35*,39,44,52/09;5,12,13,23,39,44,45,46,47/10	13249	13	2,41/09;12,19/10
11502	31	11,16,30/09;5,14,20/10	12235	32	5,9,20,25,36,37,38,42,44,49,50/09;2,4,7,14,20,38,41/10	12335	44	19*,29,40/10	13250	8	2,41/09;39/10
11503	42	7,11,15,16,48/09;7,16,32,45/10	12237	27	2,5,47/09	12337	23	8,30,38,43,44/09;11,12,39,42/10	13251	15	41/09
11504	17	35/09;14,20/10	12238	40	31*,37/09;12,30/10	12339	46	35/09;5/10	13252	20	35/10*
11505	3	9,18,30,41,43,46/09;1,7,8,13,23,25,37/10	12241	22	20,38/09;30,46/10	12341	27	35/09*;29,39/10	13253	20	35/10*
11506	44	22*,39,46/09;1,13,14,16,20,21,25,34,35,40,42,43/10				12342	23	6/09	13260	40	8,9,12,26,27,30,32,33,40,41/09;1,3,30,43,46,47/10
11507	33	16,37/09				12343	19	6,22,31/09;6,30,36,39,41/10	13263	8	N8,N9,N12,N26,N27,N30,N32,N33,N40,N41/09;N13,N30,N43,N46,N47/10
11509	31	5,16,35,37/09;32/10				12345	10	6/09;41/10	13267	34	9,12,19,33,35,40,41/09;2,12,13,27,33/10
11510	20	16/09				12346	11	6/09;30,32,36,39/10	13269	10	9/09;2/10
11511	17	5,35,37/09									
11512	62	15*,23,25,32,37/10									

SECTION I

NM 47/10

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 2/09 THROUGH NM 47/10

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.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
13270	63	9,23,30,35,43/09;2,18,32,33,39/10	14190	2	6/09**	14842	15	16,24,34,49/09;10,37/10	14968	28	12,40/09
13272	50	5,6,8,23,30,33,35,37,38/09;5,32,39/10	14191		N28/09**	14843	23	2/09	14969	22	47/10
13274	27	9,19,25,30,33,35,47/09;2,11,27,33,40,41/10	14214	1	N30/09*	14844	32	8,24,34,36/09	14970	26	7,29/09;32,38/10
13275	31	9,20,33,35/09;2,11,27,33,40/10	14217		N30/09	14845	27	10,36,49/09	14972	26	33,43/09;17,39/10
13276	22	20/09;19,40/10	14224		N28/09**	14846	13	10,11,16,24,26,31,40/09;	14973	27	12,15,31,36/09;1/10
13278	27	47*,52/09;41/10	14229		N28/09**			10,11,33,35,37/10	14974	24	2,29/09;1,39/10
13279	33	39/09*	14247		N28/09**	14847	31	11,31/09;10,35/10	14975	35	9,10,25/09;32,45/10
13282	12	46/09*	14248		N28/09**	14848	58	9,11,25,29,32/09;10,33,37,39/10	14976	18	40/09
13283	20	11,33,47,52/09;20,41/10	14249		N18/09	14850	53	4,8,14,16,17,29,32,36/09;	15000	1	N23/09*
13285	11	12,47/09;19,20/10	14250		N28/09**			12,32/10	15001	1	N12/10**
13286	30	15,41,47,52/09;18,47/10	14251		N28/09**	14852	46	4,14,16,17,29,36,37/09;5,12,32,47/10	15004	1	N12/10**
13287	12	15/09	14254	1	N6,N22/09			12,32/10	15005	1	N12/10**
13288	43	35/10*	14320	1	N29/09**	14853	17	4,8,9,11,12,16,17,24,25,29,32,36,37/09;5,10,12,32,33,38,47/10	15007	1	N19/09
13290	39	35/10*	14321	19	8/09**			4,8,9,11,12,16,17,24,25,29,32,36,37/09;5,10,12,32,33,38,47/10	15008	3	12/10**
13292	40	35/10*	14322	4	6/09**	14854	14	9,11,32/09;33,38/10	15010	1	N31/09**
13293	34	11,30,36,42/09;19,39/10	14323	1	N29/09**	14860	36	30,40/09;8,32/10	15016	1	N31/09**
13295	11	11,36/09	14324	1	N11/10*	14862	28	29,49/09;38/10	15018	3	12/10**
13296	25	30,36,42/09;19,39/10	14325	13	29/09**	14863	31	24/09;8/10	15019	1	N31/09**
13298	10	19/10	14326	6	29/09**	14864	26	32/09;32,35/10	15020	5	12/10**
13301	20	23/09	14327	8	29/09**	14865	16	17,29,37,49/09	15021	1	N31/09**
13302	22	5,41,45/09;24,40/10	14328	5	29/09**	14867	26	11,24,29,30,41/09;10,32/10	15022	1	N31/09**
13303	12	41/09	14334	1	N9*,N22/09	14868	1	N10/09*	15024	1	N6/09*
13305	28	20/09;24,40/10	14337	1	N29/09**	14869	26	32,36/10	15025	1	N31/09**
13307	10	20/09;24,40/10	14340	25	9/09**	14870	1	N30/09*	15031	1	N12/10**
13309	29	44/10*	14341	5	29/09**	14871	2	41/09**	15034	1	N31/09**
13312	22	22/10	14342	20	11/10**	14872	2	30/09**	15035	1	N6*,N32/09
13313	20	21/09;22/10	14343	1	N12/10**	14873	2	30/09**	15036	1	N31/09**
13316	22	21/09	14344	2	24/09**	14875	2	30/09**	15037	1	N31/09**
13318	18	21,45/09;22/10	14345	5	29/09**	14876	1	N30/09**	15043	3	31/09**
13321	9	45/09;22/10	14348	1	N12/10**	14877	1	N8/09*	15046	4	31/09**
13325	15	46/10	14349	7	10/09**	14878	1	N35/09*	15064	1	31/09**
13392	2	11/09;46/10	14350	12	12/10**	14879	1	N8/09*	15067	2	13/09**
13394	3	22/10	14351	11	12/10**	14878	1	N35/09*	15068	2	6/09**
13396	5	28/10*	14352	2	29/09**	14880	32	24,30,40/09;8,38,45/10	15069	4	24/09**
13398	3	11,43/09;22/10	14353	3	29/09**	14881	33	27*,30,40/09;8,45/10	15070	3	6/09**
14000		N20/09	14354	2	29/09**	14882	35	45/10	15074	1	31/09**
14001		N2,N8,N18,N20/09	14355	3	29/09**	14883	43	2,40,43/09	15081	4	31/09**
14003	6	5,6,7,8,P15,23,26,27,29,33/09;43,46/10	14357	1	N29/09**	14884	39	6/09;10/10	15083	6	31/09**
14004		N18,N20,N22/09	14358		N29/09**	14885	21	8/10	15140	7	12/10**
14006		N12/10**	14359	1	N25/09*	14901	15	4,6,12,13,14,16,17,24,25,27,30,32,36/09;14,32,36,37,45/10	15300	1	N48/09*
14007		N11,N18,N20/09	14360	36	12/10**			27,30,32,36/09;14,32,36,37,45/10	15312	1	6/09**
14011		N22/09	14362	1	N12/10**	14902	29	4,6,14,24,25,30,32,36/09;	15444		N32/09**
14012		N18,N20/09	14364	6	25/09**			32,36,38/10	15445		N32/09**
14013		N2/09	14366	1	25/09**	14903	24	16/09;37/10	15446	1	N32/09**
14016		N8,N18/09	14369	1	N29/09**	14904	26	2,6,12,16,32/09;10,16,36,39/10	15450		N32/09**
14019		N2,N8,N18,N20/09;	14372	2	29/09**	14905	31	3,6,13,17,22,24,27,31,32/09;14,37,39,42,45/10	15484	1	N44/09*
		N46/10	14373	2	12/10**			3,6,13,17,22,24,27,31,32/09;14,37,39,42,45/10	15505		N32/09**
14021	1	N8/09	14377	1	N12/10**	14906	24	9,16,32/09;3/10	15520	1	N44/09*
14024	5	18,19/09	14380	19	19/09	14907	27	17/09*;32/10	15540		N39/09
14028		N4,N8,N20/09	14382	4	29/09**	14908	18	4,25/09;32,45/10	15543	1	N35/09*
14030		N8,N20/09	14383	3	29/09**	14908	18	4,25/09;32,45/10	15561	1	N45/09*
14031		N20/09	14384	4	29/09**	14909	20	24,32,36,44/09;32,42/10	15568	1	N46/09*
14034		N27/09**	14386	3	29/09**	14911	21	19,32,36/10	15569	1	N23/09*
14038		N27/09**	14402	2	30/09**	14912	17	14,24/09	15570	1	N46/09*
14047	1	N13/09*	14403	5	30/09**	14913	19	24/09	15644	1	N32/09**
14055	2	N27/09**	14404	4	30/09**	14915	25	25/09;32,42,45/10	15661		N32/09**
14056	1	N27/09**	14415	4	12/10**	14916	10	12,32/10	15670		N11/10**
14057	2	N27/09**	14427		N10/09**	14917	24	2/09;19,42/10	15672	1	N44/09*
14058		N2/09	14756		N30/09	14918	27	48/09;12,32/10	15724	1	N27/09*
14061	27	11/09	14760		N30/09	14919	28	37/09;14,32,42/10	15750	1	N25/09*
14063	1	N27/09**	14775	1	N14/09*	14922	20	3*,8,16/09;17,35,37,39/10	15770	1	N25/09*
14069	1	N27/09**	14776	1	N6/09*			3,8,16/09;17,35,37,39/10	15785	1	N44/09*
14071	1	N27/09**	14786	14	7*,30/09;45/10	14924	28	16,24,48/09;38,42/10	15800	1	N7/09*
14074	1	N27/09**	14800	10	24/09;45/10	14926	11	3,13,17,24,27,32/09;35,39,42,45/10	15822	1	N44/09*
14081	21	27/09**	14803	27	45/10			3,13,17,24,27/09;10,35/10	15863		N3/10
14082	1	N27/09**	14804	24	24/09	14927	25	3,13,17,24,27/09;10,35/10	15881		N25/09*
14092	1	N27/09**	14805	24	40/09			3,24,27/09;35,39/10	15883		N32/09**
14094	1	N27/09**	14809	1	N6/09*	14928	22	3,24,27/09;35,39/10	15884		N32/09**
14095	1	N27/09**	14812	3	6/09**	14929	24	13,17,27/09;35,42,45/10	15885	1	N32/09**
14096	1	N6/09*	14813	21	45/10	14930	25	31,35/09;14,37,45/10	15900	1	N24/09*
14130	2	27/09**	14815	23	24/09	14932	23	9,10,29,42/09;3,35,37/10	15925		N32/09**
14135	2	6/09**	14820	21	8,16,22/09;3,10/10	14933	24	4,24,32,44/09;32/10	15926		N35,N38/09
14164		N28/09**	14824	26	48/09	14934	29	16,27,34,49/09;37/10	15932		N32/09**
14167	1	N20/09	14825	25	16,22/09	14935	21	10/09	15937		N32/09**
14168	1	N23/09*	14826	27	6,8,22,24/09;3,8,10/10	14937	24	16,37/09;42,45/10	15940		N38/09
14169	2	28/09**	14828	6	22/09	14938	24	3,7,13,36/09;36/10	15945		N35,N38/09
14174		N2,N11,N18,N19/09	14829	6	8,16,22,24/09;3,10/10	14942	26	3/10	15948	1	N44/09*
14175		N28/09**	14830	32	10,16,24,26,40/09;8,10,11,33,35,37/10	14961	12	8,9,29,31,32,36,40,42,43/09;10,42/10	15952		N46/09
14176		N28/09**	14832	34	4,42,48/09;32/10			4,10,29/09;10/10	15956	1	N7/09*
14177		N28/09**	14833	26	4,42,48/09;32/10	14962	20	4,10,29/09;10/10	16003	17	27,28,31,41/09;22/10
14178		N28/09**	14835	32	6/09;32/10	14963	20	4,40,43/09;47/10	16004	12	19/10
14184		N11,N19/09	14836	27	48/09;15,37/10	14964	21	32,40,42,43/09;42/10	16005	10	27,28,31,41/09;22/10
			14837	28	40/09	14965	21	9,12,13,31,35/09;37,42/10	16006	35	34,41,52/09;7,22/10
			14839	37	1*,8,10/10			15,29,31,36/09	16011	37	34,41,43,52/09;3,7/10
			14841	29	7/09;8/10	14966	27	15,29,31,36/09	16012	22	4,41/09;1,3,45/10
						14967	23	9,13/09;32/10			

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 2/09 THROUGH NM 47/10

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.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
16013	30	3,4,27,36,37,41/09;3,46/10	17317	20	34/09;7,14,22,45/10	17506		N51/09	18436	1	N33/09;N5,N17/10
16016	21	26,27,36,42/09;4,28/10	17318	7	19/09**;7,30/10	17510	1	N31/10*	18437	1	N33/09
16041	8	38/09	17320	18	8,18,20,28,37,42,52/09;14,28,34,46/10	17511	1	N24,N34/09;N1,N19/10	18438	1	N35/09**
16082	7	19/10	17323	12	42/09	17514	1	N25,N26,N37/09;N12,N19,N31/10	18439	1	N35/09**
16123	6	4/09;40/10	17324	15	21,42/09;14,46/10	17515	7	6/09**	18440	29	8,9,11,12,14,15,16,19,20,22,24,26,28,33,40,41,42,43,47,48/09;5,7,13,14,15,20,22,23,24,25,28,29,35,36,37,40,41/10
16124	6	4/09;40/10	17325	9	52/09	17517	8	44/09**			
16200	14	41/09;22/10	17326	16	8,18,20,21,22,28/09;25,30,34/10	17520	2	N5/09;N4/10			
16204	6	22/10				17521		N31/09			
16220	5	41/09	17327	23	8,11,21,22/09;25,30/10	17522	1	N44/09	18441	46	9,11,14,15,16,18,20,22,26,33,34,41,42,43,47,48,52/09;5,13,15,19,20,25,36,37,40,41,44/10
16322	8	45/10	17328	7	8/09	17524		N27,N34,N35,N40/09;N5,N17/10			
16323	9	41/09	17338	14	42/09	17525		N35/09;N4,N17/10			
16363	12	29,34/10	17339	12	18,25,42/09;17/10	17528		N27/09	18442	1	N48/09;N2/10
16420	10	45/10	17360	35	20,37/09;1,5,35,40/10	17541	3	34/09**	18443	17	12*,41/10
16421	10	45/10	17372	11	1,3/10	17542	6	25/09**	18444	17	4*,5/10
16423	2	45/10	17375	22	9/10*	17543	13	34/09**	18445	33	28*,30,33,40,41,42,47,49,50,51/09;5,13,14,15,18,20,22,23,24,25,28,29,32,34,35,37,41,42,44,45/10
16431	7	45/10	17376	8	14/10	17546	22	31/10**			
16432	11	45/10	17378	14	5/10	17549	6	34/09**			
16471	12	1*,5/10	17382	17	42,52/09;4,25/10	18000	8	13,26,27/09;4,7,10,11,12,21,22,36,40,44,47/10	18446	17	15,24,29,34,42/09;5,20,25/10
16475	9	5/10	17383	3	42/09				18447	29	15,24,25,29,36,40/09;5,41/10
16476	10	5/10	17384	9	42/09;22/10				18448	34	8,11,21,24,26,28,40,42,47/09;13,14,22,23,24,28,29,35,37,41/10
16500	10	14/09;7/10	17385	17	4*,22,34,40/10	18002	7	N13,N26,N27,N30,N34,N37,N41,N46/09;N4,N7,N10,N11,N12,N21,N22,N36,N38,N40,N44,N47/10			
16520	23	29,34,35,39,52/09;45/10	17387	13	5/10				18449	18	14,16,20,21,27,33,47,50,51/09;18,23,25,29,35/10
16522	6	52/09	17400	17	5,7,8,9,18,20,21,22,26,29,30,37,42/09;1,2,4,5,7,12,13,25,34/10	18003	20	5,8,21,22,25,30,39,44,46,47,48/09;3,12,17,20,35,36,40/10	18450	18	14,27,33/09;18/10
16528	17	26,52/09;40/10	17402	11	37/09;5/10	18006	4	N6,N11,N22,N25,N28,N41,N42/09;N7,N8,N9,N10,N11,N21,N22,N36,N40,N43,N46/10	18451	1	N19/09
16529	15	12,26,38/09	17403	14	21/09	18007	33	N25,N41/09;N7,N10,N21,N22,N36/10	18452	16	20,47/09;35/10
16530	7	28/10*	17404	14	5,9,18,29,30/09;2,25/10	18008	8	14*,16,21,23,25,34,42,44,47,49/09;1,3,5,10,12,17,20,23,24,31,39,40,43,46/10	18453	26	35*,42/10
16531	7	43,52/09;40,45/10	17405	16	5,8,9,18,21,29,46/09;1,2,3,5,7/10	18009	3	N5,N11,N16,N21,N23,N25,N33,N42,N44,N47,N49/09;N5,N6,N10,N12,N17,N20,N21,N24,N31,N39,N40,N43,N46/10	18454	5	N26,N42/09;N13,N14,N24,N28,N41/10
16532	6	45/10	17406	7	5,7,8,9,18,21,22,46/09;4,12/10	18010	21	6,9,11,16,22,28,34,42,48,51/09;8,10,11,12,20,22,23,39,40,43,46/10	18455	2	N11/09
16536	12	12,21/09;3/10	17407	15	5,8,9,18,20/09	18022	35	6,9,10,11,16,24,25,26,28,30,34,37,42,46/09;4,7,8,9,11,12,20,21,22,24,25,29,32,36,37,38,40,41,43,44,46,47/10	18456	20	8,21/09;29/10
16540	12	7,9,11,18,34,35,41,43,44,52/09;4,12,14,22,34/10	17411	1	N25,N43/09	18028	38	6,11,26,27,28,34,37,42,46/09;7,9,10,11,12,20,21,22,32,36,37,38,40,41,43,44,46,47/10	18457	16	9,11,12/09;37,44/10
16547	9	41,43/09;28,30,37/10	17421	1	16/10	18037	33	22,32,36,37,38,40,41,43,44,46,47/10	18458	16	9,11,12/09;37,44/10
16549	16	23*,30/10	17422	9	42/09	18040	48	7*,14,15,19,20,22,23,25,27,29,34,36,37,40,42,43,47,48,49/09;7,12,15,29,30,31,34,40,42/10	18459	5	N9,N11/09;N37,N44/10
16551	10	4,12,14,22/10	17424	9	1/10*	18042	2	N44/10*	18460	13	4,25,26,27,37,46/09;12,29,31,34,40/10
16553	6	18,44/09;34/10	17425	6	16/10	18043	11	N35/09**	18461	1	N19/09;N2,N42/10
16556	5	18/09;22,34/10	17426	15	42/09	18044	49	15,22,29,33,36,39,43,47,49,51/09;2,7,20,26,29,30,31,38,40,42/10	18462	1	N46/09;N3,N7/10
16570	11	20/09	17428	10	21,22,43/09;24,46/10	18045	1	N35/09**	18463	25	16,26,34,41/09;37/10
16580	14	37/09;3/10	17429	2	N43/09	18046	38	N42/09;N8,N11,N12,N22,N43,N46/10	18464	38	14,19,20,39,42,43,46/09;7,14,15,38,40/10
16595	15	25,34/10	17430	11	21,22,32,43/09;24/10	18047	1	N16/10	18465	1	N16/10
16606	11	27/09	17432	7	42/09	18048	18	N5,N10/10	18466	2	N5,N10/10
16640	24	27,41/09;17,18/10	17433	11	42/09	18049	11	16,19,20,26,34,41,42,48/09;37,40/10	18467	18	14,15/10
16645	19	35*,45/10	17434	13	46/10	18073	8	15,22,24,34,41,42,48/09;5,13,15,20,25,37,44/10	18468	18	14,15/10
16646	13	41/09;13,16,30,46/10	17436	9	42/09	18074	8	9,11,12,14,16,20,24,27,28,33,40,47,50,51/09;15,18,22,23,24,25,28,29,35/10	18469	8	9,11,12,14,16,20,24,27,28,33,40,47,50,51/09;15,18,22,23,24,25,28,29,35/10
16647	3	27,41/09;13,16,17,18,45/10	17438	12	12/10**	18075	5	9,11/09;13,25,27,34,37,44/10	18470	31	4,25,26,27,37,42,46/09;12,19,29,31,34,36/10
16660	30	11,12,30,51,52/09;1,2,22,23,30,46/10	17439	1	N12/10*	18076	12	39/09	18471	11	16,19,20,26,34,41,42,48/09;37,40/10
16662	8	12,30,51,52/09	17440	1	N12/10*	18077	8	15,22,24,34,41,42,48/09;5,13,15,20,25,37,44/10	18472	8	9,11,12,14,16,20,24,27,28,33,40,47,50,51/09;15,18,22,23,24,25,28,29,35/10
16663	8	11,12,30,51,52/09;1,2,22,23,46/10	17441	1	N12/10*	18078	5	41,48/09;13,37,44/10	18473	31	4,25,26,27,37,42,46/09;12,19,29,31,34,36/10
16665	9	11,30,52/09;1,2,22,23,46/10	17442	1	N27,N29/09;N13/10	18079	12	39/09	18474	8	9,11,12,14,16,20,24,27,28,33,40,47,50,51/09;15,18,22,23,24,25,28,29,35/10
16680	11	27/09	17443	12	48/09;5,16/10	18080	37	46*,47,48/09;1,2,5,7,14,15,20,26,29,30,31,36,37,38,40,41,42/10	18475	74	40*,42,48,49,51,52/09;16,18,26,27,37/10
16681	10	27/09	17445	2	12/10**	18082	27	22,36,51/09;29,30,31,36/10	18476	57	26*,28,29,31,32,33,37/10
16682	17	27/09	17446	1	N10/10	18083	1	N35/09**	18477	36	3,13,17,22,27,34,40,50,52/09;15,16,21,22,36,27,29,30,37/10
16700	31	11*,23,52/09;3,22,29,30,34,46/10	17447	1	N10/10	18084	23	26/10	18478	36	22*,27,33,40,48,52/09;13,16,22,27,36,37/10
16701	22	4,21/09;22/10	17450	1	N12/10*	18085	9	22/09;5,36/10	18479	59	31*,40,48,52/09;7,13,16,22,27,35,36,37/10
16702	14	47/09*;34/10	17451	1	N34/09**	18086	7	47,48/09;40/10	18480	22	8,11,24,30,48/09;13,35/10
16704	13	12/09	17454	1	N12*,N16/10	18087	6	23,33/09;40,42/10	18481	11	8/09;7,15/10
16706	10	7,34,50/09	17456	1	N44/09*	18088	7	46/09;2/10	18482	22	3,27,37,40,52/09;13,16,27,41/10
16707	13	17/09*;45/10	17458	1	N13/09*	18089	1	N11/10	18483	21	3,28,36/09;13,28/10
16708	27	3*,4,11/09;40,45/10	17460		N24,N27,N43,N44,N47,N51/09;N7/10						
16709	24	23/09;3,29,34,40,46/10	17464	4	12/10**	18404	2	N44/10*			
16713	4	40/10*	17467	3	22/09**	18411		N35/09**			
16760	10	3/10	17468		N2,N16/10	18419	11	31/09;3/10			
16762	9	39/09	17470		N2/10	18421	49	15,22,29,33,36,39,43,47,49,51/09;2,7,20,26,29,30,31,38,40,42/10			
17003	4	23,26,47/09;2,4,5,6,21/10	17471		N7/10	18422	1	N35/09**			
17005	10	23,25,31,35,40,43,44,46/09;4,5,6,7,16,20,31/10	17472	4	34/09**	18423	37	46*,47,48/09;1,2,5,7,14,15,20,26,29,30,31,36,37,38,40,41,42/10			
17007	1	N27,N43,N47/09;N7,N15,N16/10	17480	4	12/10**	18424	27	22,36,51/09;29,30,31,36/10			
17300	31	18,34,35,42/09;7,13,15,17,30,34,46/10	17482	1	N7/09*;N15/10	18425	1	N35/09**			
17302	18	18,21/09;7,15,45/10	17483	3	N5,N9/09;N15/10	18426	1	N5,N17/10			
17303	10	15/10	17484	3	34/09**	18427	23	26/10			
17311	1	42/09	17485	4	44/09**	18428	9	22/09;5,36/10			
17312	2	42/09;17/10	17486	3	13/09**	18429	10	36,39,42,46/09;14/10			
17313	9	31/09*	17487	3	34/09**	18430	9	40/10*			
17314	12	42/09	17488	1	N12/10*	18431	7	47,48/09;40/10			
17315	24	4,11,20,									

**CHARTS AFFECTED BY NOTICE TO MARINERS
NM 2/09 THROUGH NM 47/10**

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.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
18554	8	32/10*	18741	19	N24,N26,N30,N34, N46/09;N4,N7,N8,N10, N12,N22,N25,N26,N29, N32,N36,N38,N41,N44, N46,N47/10	19361	9	18/10*	22082	5	10,16,30,42,43/10
18556	25	23,50/09	18744	33	44*,46/10	19362	14	39*,43,48/09;6,11/10	22083	6	42/10
18558	38	22,47,50/09;7,12,13, 37/10	18746	38	3*,7,32,40/10	19366	37	9,18,48/09;11/10	22084	4	5,17,49/09;15,16,40/10
18561	12	22,30/09;7/10	18748	1	5,13,16/09;10,24,28/10	19367	39	26,28,33/09;40/10	22090	2	10,14,35,44/09;40/10
18580	22	5,26,30,43,47/09;7,35, 36/10	18749	43	24*,32,39,40,46/10	19369	6	3,4,26,28,33,48/09;40/10	22100	3	28/09
18581	18	16,21,22,23,30/09;3,7,29, 34/10	18751	46	42/09*;11,37,39,46/10	19379	2	N32,N41,N48/09;N6/10	22101	20	4/09
18583	39	21,43,47/09;34,35,36/10	18754	17	8,44,46/10	19380	15	32,41,48/09;6/10	22102	19	17,27,46/09
18584	48	15,22,43/09;2,23,34, 35/10	18756	8	17/10	19381	9	11*,23,25,36/09;2,25/10	22103	2	27,46/09
18587	70	9,15,20,22,26,30,33/09;7, 12,13,22,23,37/10	18758	6	27,29,40/10	19382	16	18*,23,25/10	22109	3	27,28,46/09;8/10
18588	37	20,26/09;2,15,21,38/10	18760	7	N5,N24,N25,N26,N34, N37,N41,N46/09;N4,N7, N10,N12,N20,N22,N25, N32,N34,N36,N38,N40, N44,N47/10	19383	17	23/09	22111	4	40/10
18589	16	3,13,23,40/10	18761	3	N17,N24,N34/09;N7, N12/10	19388	3	N27,N35,N39,N40/09	22112	3	20,28,40,41,44,52/09;40, 46/10
18600	14	19,48,51/09;10,20,40/10	18762	16	10*,12,38,41/10	19401	9	31/09	22113	8	6,9,18,29,40,41/09;8,14, 40/10
18601	14	25/09;13/10	18763	10	17,24,34,46/09;7,12/10	19402	7	31/09	22114	5	40/09;40/10
18602	12	16,19,48,51/09;15,26, 36/10	18764	9	46/09;38,41/10	19421	8	31/09	22117	3	40/09;46/10
18603	16	19,36,41,47/09;10,31/10	18765	16	21,24,30/09;7,10,22,25, 34,37,43,44,46/10	19442	6	31/09	22120	3	8,10,14/09;23,45/10
18605	12	26/10	18766	7	24,30/09;4,7,10,22,25,26, 34,38,41/10	19461	7	31/09	22121	9	14/09;34/10
18620	23	8,16/09;7,11,12,23,26, 39/10	18768	5	N24,N30/09;N4,N7,N10, N22,N25,N26,N29,N34, N38,N41/10	19480	9	31/09	22122	2	10,14,24,35/09;5/10
18622	55	35*,42/10	18769	3	N17,N24,N34,N46/09; N7,N12,N26,N36,N38, N41,N44/10	19481	11	31/09	22125	2	10,14,26/09
18623	11	16/09	18772	48	30/09;22,27,28,32,34,43, 44,46/10	19482	9	31/09;40,45/10	22126	1	14/09
18626	15	11/10	18773	41	14,23,39/09;1,4,7,8,12, 16,25,27,28,32,35,37,43, 44,46/10	21005	5	13/09	22130	2	8,16,26/09;6,23,45/10
18628	8	11/10	18774	11	21,46/09;8,29,31,32,36, 38,41,44,46/10	21008	62	3,42/09	22138	3	10,16,35/09;6,24,37/10
18640	25	9,11,22,23,26,42/09;43, 46/10	18775	3	N17,N24,N34,N46/09; N7,N12/10	21011	5	8/09;6/10	22140	2	14,26,35/09;45/10
18643	18	10/10*	19002	11	N46/10*	21014	72	3,4,8,11,13,14/09;5,6, 47/10	22142	2	8,10,14,35,42/09;5,45/10
18645	26	9,11,23,26,42/09;26,37, 43,46/10	19004	38	6,13,14,16,24,28,32,41, 42,46/09;1,6,12,15,18,23, 26,45/10	21017	50	4,5,8,13,14,46/09;5/10	22143	4	14,15/09
18647	16	22/09*;46/10	19007	18	6,16,22,27,28,30,34,35, 39,40,42,46,52/09;1,6,23, 36/10	21020	42	3,46/09;21/10	22160	2	15,26,30,35/09;6/10
18648	5	N46/10	19008	5	6,16,22,27,28,29,34,35, 39,40,42,46,52/09;1,6,16, 18,21,22,36/10	21021	3	3,4,6/09;47/10	22170	3	10,14,15,16,26,30,35/09; 6,7,8/10
18649	67	4*,8,11,20,24,25,26,27, 28,29,30,35,37,40,41, 43/10	19010	19	6,13,14,16,24,28,41,42, 46/09;1,12,15,18,22,23, 26,45/10	21023	41	4,5,12/09;21,47/10	22172	8	30,35/09;6,23,37,45/10
18650	56	46*,47,50,51/09;1,7,8,20, 24,25,28,29,30,35,41/10	19013	18	13,14,22,24,27,30,32,34, 35,39,40,41,42,46,52/09; 6,12,18,23,26,36,45/10	21026	47	4/09;29,47/10	22173	36	15,26,30,35,42/09;6, 34/10
18651	44	23,33/09;7,24,42/10	19016	12	16,22,27,30,34,35,40/09; 16/10	21033	46	7,24,41,43/09;2,10,13, 16/10	22180	2	25/09
18652	35	40*,47,48,50,51/09;1,7,8, 10,11,13,20,22,24,25,26, 27,29,31,32,35,37,40,41, 42/10	19019	11	30/09	21036	7	5,41/09;2,10,13/10	22181	17	8,10,14,42/09;5,34/10
18653	11	1*,20,24,27,30,37,41/10	19022	12	30/09	21100	29	8/09;6/10	22182	7	8,10,14,31/09;7,23/10
18654	44	21,24,27/09;1,24,27,30, 32,40,42/10	19320	17	16,24,25,41,42/09;1,12, 15,18,23,26,45/10	21120	27	8,11,14/09;5,6,32/10	22183	4	10/09
18655	59	21,27/09;1,30,42/10	19324	22	30,40/10	21121	18	8,14/09;6,43/10	22190	2	8,14/09
18656	56	40/10*	19327	11	18,25,36,42/09;1/10	21126	2	N19*,N34/10	22205	2	9/09;8/10
18657	19	8,24/09;7,13,24,25,26,30, 35,37/10	19330	11	18,36/09	21140	1	3,24,26/09;4,7,22,26, 34/10	22221	20	9,52/09;8,45/10
18658	31	8,24/09;13,23,24,25,30, 35,37/10	19331	7	1/10	21141	23	3/09	22225	2	6,21/09
18659	15	8,12,21/09;13,22,25,30, 35/10	19339	2	N3,N13,N14,N24,N32, N41,N42,N43,N46,N48, N49/09;N6,N11,N12, N15,N16,N18,N23,N26, N45/10	21180	1	13/09	22233	30	N24/10*
18660	3	12/09;10,22/10	19342	11	15*,40/10	21182	34	3,4/09	22234	2	N19/10*
18661	30	19/09*;7,10,22,40/10	19348	8	36/09;16,40/10	21183	4	4,8/09;47/10	22250	2	21/09;23,30/10
18662	22	26/09*;7/10	19350	11	49/09	21184	1	3,4/09;47/10	22251	12	N32/10*
18663	6	22,40/10	19351	10	14,24,41/09;23/10	21188	1	13/09	22252	19	N35/10*
18666	1	8,24/09;13,25,30,35/10	19353	13	18/10*	21200	16	5,6,10,18/09;4/10	22259	5	18/10
18680	31	5,9,11,14,22,23,26,28, 42/09;8,11,22,43,46/10	19357	24	3,32,41,43,46,48,49/09;3, 6,11,40/10	21342	28	3/09;30,43,47/10	22262	3	35,39/10
18685	33	5,9,14,22,24,31/09;8, 22/10	19358	21	36/09	21384	4	3,5/09;43,47/10	22263	2	9,12,22/09;46/10
18700	22	5,10,25,41,44/09;10,12, 22,37/10	19359	12	46/09;3/10	21401	21	30/10*	22264	3	9,12,22,48/09;18,26, 46/10
18703	25	5,7,10,44/09;12,24,32, 37/10	19360	1	N48/09;N6/10	21441	27	4,12/09	22275	3	48/09;15,23,26,30,32/10
18704	13	37/10				21478	3	42/09	22281	10	23,30/10
18720	33	5,21,25,30,44,49/09;4,10, 11,12,16,20,22,44,47/10				21483	1	16/09;39/10	22282	17	12,21/09
18721	12	10*,12,20,22/10				21500	1	41/09;29/10	22285	1	12,21/09
18723	3	41,44/09				21510	1	4/09;47/10	22286	1	23,30/10
18724	2	19*,21,50/09				21520	1	25,30/09;25/10	22290	4	7,9,48/09;8,26,27,35/10
18725	29	8,21/09;8,11,22,31/10				21521	15	25,30/09;16,25/10	22293	15	9,12,48/09;15,18,26, 32/10
18728	9	44/10				21524	3	29/09	22294	16	12/09
18730	2	N44/10				21526	5	N37/10*	22305	2	7,21/09;27,30,35,47/10
18740	42	5,15,16,17,21,24,30,34, 37,46,47/09;4,7,8,10,11, 12,16,20,22,24,25,26,29, 32,36,37,38,40,41,44,46, 47/10				21529	3	19/10*	22311	19	13/09
						21530	1	19/10*	22312	2	7,13/09
						21544	20	47/10	22313	2	7,13/09
						21560	33	41/09;47/10	22314	1	7,13/09;6,33/10
						21563	3	26,30/09	22315	2	N22/09;N26,N30/10
						21581	5	41/09	22335	4	21/09;26,30/10
						21584	2	41/09	22341	9	21/09;6,26,30,36,39/10
						21601	4	41/09	22342	9	52/09;6,26,32,36/10
						21602	2	41*,51/09	22343	1	N21/09;N26,N30/10
						21603	10	41/09*	22347	6	N52/09;N6,N26,N36/10
						21604	26	50/09*;8/10	22351	1	N21/09;N30/10
						21661	12	5,13/09	22352	6	22/09;26,30/10
						22000	16	5,6,10,18/09;4/10	22360	2	22/09;15,26/10
						22004	38	8,10,14/09;15,16,23, 40/10	22361	2	N48/09;N15/10
						22008	35	8,14,15,16,30,35/09;6, 23/10	22370	2	48/09;26,46/10
						22012	31	8,9,10,14,25/09	22371	5	48/09;30,46/10
						22032	20	22/09;5/10	22379	2	N17/10*
						22036	28	5,34,36/10	22392	2	36/10
						22040	1	19,43/09;2,10/10	22401	5	N8*,N23/10
						22050	4	6,7,24,28,42/09;2,5,15, 16,28/10	22403	1	N12,N29/10
						22051	19	18/09;10,22,23,24,36/10	22404	15	10/10
						22052	7	18,23/09;10,23,24,36/10	22405	6	8,10,11/10
						22054	1	20/09;22,24/10	22408	1	N12/10
						22055	1	18/09;10,22,23,24,47/10	22409	4	N12/10
						22080	3	6/09;8,15,16/10	22410	32	21,22/09;5,7,8,26,34,46, 47/10
						22081	1	7/09;5,43/10	22413		N20/09

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 2/09 THROUGH NM 47/10

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;
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Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
22415	8	6,7/10	24155	6	37/09;27,31,32,41,42/10	24490	3	2,4,43/09;16,21,22,25,29/10	26184	5	19/10*
22417	1	N6,N7/10	24156	3	31,32,40/10	24491	3	2,4,7,43,49/09;16,22,29,36/10	26186	18	17*,20/10
22418	2	11/10	24159	1	31/10	24492	21	N4,N43/09	26187	1	10/10*
22420	2	29,30/10	24160	21	33,37/09;4,14/10	24500	1	2,4,5,7,16,20,23,25,31,49/09;16,29,36/10	26188	11	7,10/10
22421	4	N21,N22/09;N6,N7/10	24161	11	27,39,45/09;4,44/10	24501	3	2,7/09;22,29/10	26194	5	6/10
22423	3	N11/10	24162	9	27,39,45/09;18/10	24502	6	4,5,7,16,20,23,25,31,44,49/09;24,25,29,36,46/10	26206	10	16/10
22425	2	22/09;7,26,35/10	24164	6	5/09;27,41,42/10	24504	7	2,37/09;4,22,23,28,40,42/10	26207	1	16/10*
22427	1	N21,N22/09;N5,N27/10	24170	14	32,33/09;41,42/10	24507	1	2,37/09;4,19,22,23,28,36,40,42/10	26218	2	40/09;5/10
22429		N6/10	24171	20	N32/10*	24508	4	32*,42,43/10	26219	5	5,6/10
22430	6	11/10	24172	5	N37/10*	24509	3	37*,40,43/10	26229	11	40/09;2,5/10
22433	3	11/10	24180	15	33/09;27,31,32/10	24510	3	38*,42,43/10	26230	13	N8/10*
22440	1	34/10	24190	15	22,42/10	24512	3	39/10	26237	3	16/10
22461	1	N41/10	24200	14	31,41,46/10	24513	18	39/10	26244	3	37/09
22471	31	9/09;5,36/10	24201	5	39/10	24514	1	39/10	26250	18	37/09
22481	35	5,8,11,27,47/10	24202	7	21,38/10	24517	2	42/09;30/10	26261	27	33/10
22482	17	N27/10*	24203	36	39/10	24521	3	43/09	26282	7	N34,N45/09
22492	3	14/10	24210	14	32,46/10	24531	4	43/09	26295	1	34,45/09
22521	3	5,6/09;4,40/10	24211	8	11/10	24551	3	39/10	26300	7	24/09
22523	3	27/09;40/10	24220	14	31,37,41/09	25001	7	4,29,31,42,47,51,52/09;3,16,22,23,29,47/10	26308	5	24/09
22524	2	27/09	24221	17	20/09	25017	6	N29/09;N12,N17,N47/10	26310	1	N24/09
22528	3	45/10	24222	3	31,37,41/09	25018	9	3,12,17,47/10	26311	1	N24/09
22529	3	5,10/09	24223	33	41/09;44/10	25400	2	42/09;45/10	26320	5	12,22,24,27,30,31,40,49/09;5/10
22531	2	10/09	24224	1	27/09;32,34/10	25480	1	1/10	27005	4	24,31,34,45,49/09;1,3,37/10
22532	2	5/09	24231	7	38/10	25485	45	25,48/09	27040	5	37/09
22544	2	18/09	24235	2	38/10	25487	2	25,48/09	27041	4	37/09
22545	1	5,18/09	24240	5	31/09	25521	35	52/09	27060	2	23,37/09
22547	4	N46/10*	24250	5	37/10	25524	43	52/09;46/10	27061	5	23/09
22549	2	5/09	24251	23	39/09;17,41,46/10	25525	17	1/10	27080	4	23,31,40,51,52/09;26/10
23000	5	5,36,40/10	24252	5	39/09;41,46/10	25526	2	52/09;1,46/10	27083	39	50/09;47/10
23010	4	36,37,47/10	24263	2	37/10	25527	31	52/09;46/10	27084	4	47/10
23020	4	4/09;33,36/10	24270	3	44/09	25550	2	8,31,52/09;17,39,46/10	27100	2	40/09
23023	4	36,37/10	24271	14	33/09	25561	24	51/09	27120	4	1,6,34/10
23030	6	4,8/09;36,47/10	24274	2	42/09	25563	50	52/09;39/10	27142	5	5/10
23071	3	37/10	24290	3	27,40/10	25564	7	19/10	27160	2	1,37/10
23101	5	36,45/10	24291	4	24,40/10	25566	27	30/10	27180	2	28/09;14,34/10
23102	7	N39/09*;N45/10	24292	4	22,27,31,40/10	25567	16	16/10	27211	22	28/09;14/10
23115	3	36/10	24293	6	27,30,31/10	25570	3	8,31/09	27241	23	34,37/10
23121	7	37,41,47/10	24294	23	22,31,39/10	25575	4	8/09	27242	2	34,37/10
23122	8	35/10	24311	4	11,31/10	25600	47	46,52/09;6,12,17,25,47/10	28004	1	31,34,45/09;1,6/10
23123	3	47/09;36/10	24319	1	11,31/10	25607	4	52/09;6,17,28,32,46/10	28041	4	41/09
23124	3	N35,N36,N37,N41,N47/10	24320	4	5/09;40/10	25609	5	26/09;39,47/10	28042	3	35,41/09
23125	4	47/09;36/10	24321	3	40/10	25611	22	34/10	28050	3	12,33/10
23126	6	N35,N37,N41/10	24322	6	5/09;40,42/10	25613	3	42,46,49,52/09;6,12,16,25,32,33,47/10	28051	2	40/10
23127	4	N35/10	24350	2	22,45/10	25640	43	3/09*;3,17/10	28052	2	27/09
23129	2	N35/10	24355	2	45/10	25641	27	26/09;21,38/10	28054	2	27,52/09
23131	7	32/10	24360	1	48/09	25644	13	8/09	28104	2	34/09;20,24/10
23141	7	4/09	24370	1	48/09;29,32,46/10	25646	7	N8/09	28130	1	34/09
23142	10	4/09;37,40/10	24375	2	15,32/10	25647	11	26/09;21/10	28144	4	27/09;46/10
23145	3	4,8/09	24380	2	31,52/09;43,46/10	25649	20	40/10*	28150	3	30/09;46/10
24000	39	33/09;32/10	24385	1	31/09;43/10	25670	43	8,20,30/09;13,16,27/10	28153	1	51/09
24004	36	27,33,39/09;11,32/10	24388	2	31,52/09;30,39,42/10	25671	18	41/09;3,35/10	28154	2	27,40,51/09;46/10
24008	42	27/09;22,32,42/10	24390	3	49/09	25673	16	17/09	28161	4	30/09
24012	40	31/09	24400	1	29/10	25675	9	35/10	28162	29	30,48/09;24/10
24016	53	31,43/09;37/10	24404	9	9,41,42/09;17,19,39/10	25677	21	3*,5/09;17/10	28164	17	48/09;24/10
24024	46	48/09;22/10	24405	11	N7*,N9,N42/09;N19,N22,N30,N39/10	25683	19	31/09*	28165	21	23/09*;24/10
24028	6	48,49/09;22,29,32,43,45/10	24406	32	N37/10*	25700	3	41/09	28168	24	N30/09*
24050	11	4/09;36,40,41,47/10	24408	21	44/09;19,30,39/10	25720	3	33/10	28170	1	31/09
24051	1	25/09	24410	2	41/09;29/10	25727	3	33/10	28171	1	30,31/09
24052	16	25/09;37,40,41,47/10	24423	2	46/09	25800	3	26/09;7,34,47/10	28190	2	6,34/10
24053	16	37,41,45/10	24430	5	4,21,27,40,41,42,46/09;16,22,23,28,30,33,45/10	25803	17	10*,34/10	28196	4	1,6,34/10
24055	6	25/09;40,47/10	24431	14	21,27,40/09;23,28/10	25842	10	26/09	28197	4	25/09;1/10
24057	5	4/09;36,46/10	24434	4	27,41/09;16,22,28,45/10	25847	1	10/10*	28201	8	42/09
24058	2	25,47/09;37,41,47/10	24435	5	25,29/10	25848	26	26*,42/10	28202	22	8/09;34,39/10
24080	5	27/09	24441	3	33/10	25849	13	34/10	28210	2	34,43/10
24091	7	N6*,N14,N41/10	24442	3	49/09;24,33,36/10	25849	13	34/10	28220	2	34,43/10
24092	15	N6*,N14/10	24452	7	49/09;37/10	26001	4	2,47/09;1,22,29/10	28223	4	43/10
24100	5	17,26,41/10	24453	5	25,46/10	26060	1	19/10	28260	30	3,4,6,8,14,22/09;34/10
24101	3	41/10	24454	5	41,52/09;25,46/10	26068	12	10/10*	28263	3	5,6,8,14,42/09
24102	3	41/10	24460	4	20,41,43/09;22,23,24,29,36/10	26081	9	N43/10*	28264	3	5,6,42/09
24110	3	37,43/09;26/10	24461	4	46/09;24,28/10	26082	1	N43/10*	28265	4	N25/09*
24120	9	33/09;46/10	24462	5	24,28,40/10	26083	14	12,33/10	28281	32	3,4,5/09;47/10
24121	10	31,44/10	24463	6	41/09;16,25,30,46/10	26100	4	5/10	28282	2	3,4,5/09;47/10
24122	2	44/10	24464	20	24/10	26122	30	22,29/09	28300	1	3,4,8,14/09;32,39,43/10
24130	14	39/09;11,27/10	24465	6	45/09	26130	20	22,42/09;34/10	28302	16	19/10**
24131	8	37,43/09	24466	1	42,43/09;23/10	26146	1	28/10*	28303	1	N48/09*
24132	13	33,37,39/09;41,42/10	24468	1	42,43/09;23/10	26147	31	32/09;5,10,28/10	28304	1	N19/10*
24133	6	32,41/10	24469	1	42,43/09;23/10	26181	20	7,11/10	28310	2	3,4,8,11,44/09;39,43/10
24140	18	33/09	24470	4	20,34,43/09	26182	1	11/10*	28320	6	3,4,6,14,42/09;32/10
24141	4	33,39/09;41/10	24471	9	31,34/09;22/10				28323	2	3,4,6,21,42/09
24142	43	22/10	24480	1	2,7,37/09;19,22,23,28,29,40,46/10				28325	2	6,42/09;43/10
24149	2	42/10							28330	2	4,8,42/09
24150	27	33/09;14,42/10	24481	7	16/09				29002	9	33/10
24151	4	33/09;42/10	24485	1	4,43/09				29018	4	4/10
24153	6	5,37/09;44/10	24486	1	42/09;30/10				29022	5	4/10
24154	12	37/09;44/10							29040	3	33/10

**CHARTS AFFECTED BY NOTICE TO MARINERS
NM 2/09 THROUGH NM 47/10**

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Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
29104	4	33/10	36013	1	N41/09**	37127	11	38/10	37401	9	44,45,47,49,51,52/09
29105	5	34/10	36017		N3/09	37129	7	N46/10*	37403	23	12,52/09;42,46/10
29121	5	14/10	36020	1	N3/09	37140	33	2,4,9,33/09;38/10	37420	1	31,51,52/09;46/10
29122	5	39/10	36021	1	N26/10*	37162	12	38,40,41,45,47/09;5,10,11,14,23,27,32,44,47/10	37421	8	32,38/10
29124	1	39/10	36022	1	N3/09				37423	5	32,38/10
29126	2	39/10	36025	1	N4,N9/09	37163	20	N39,N41,N49/09;N3,N22,N31,N44/10	37446	3	N28/10
35000	26	15/09;25,37,40/10	36026	1	N41/09**				37461	9	38/09;17,20,26,27/10
35001	2	N33/09*	36027	3	N41/09**	37164	5	N25*,N38,N41,N45/09;N10,N14,N27,N44,N47/10	37464	2	N24/10
35002	1	N32/09	36028	2	N41/09**				37481	7	37/09
35008	21	4,15,21/09;39/10	36029	1	N41/09**				37506	4	24/09
35014	3	N33/09*	36030	1	N3/09	37165	3	4,5,6,9,11,14,15,19,21,22,26,30,31,32,33,37,40,41,43,44,47,48,49,52/09;	38032	6	17/09
35015	2	N8,N10/09	36031	1	N41/09**				38220	2	49/09
35024	2	N7/09;N25/10	36033		N3/09				38460	7	49/09
35025	1	N39/09**	36034	1	N33/09*				38540	4	25/10
35027		N39/09**	36035	1	N33/09*				38545		N25/10
35028	1	N39/09**	36037		N41/09**	37166	3	9,40,41,48/09;1,5,10,11,14,23,27,32,47/10	38580	8	39/10
35034		N39/09**	36038		N41/09**				38585	4	39/10
35035	1	N6/09	36042		N8/09	37200	16	16*,29,44/09;23,31,43/10	38603	2	27,43/09
35037	1	N6/09	36043	3	N41/09**				38604	2	N31*,N32/10
35038	2	N39/09**	36045		N41/09**	37205	3	5*,33,44,49,52/09	38606	1	43/09
35039	1	N39/09**	36047		N41/09**	37221	14	4,5,9,11,18,20,21,23,31,32,37,39,47,52/09;1,7,11,19,26,27,31,43/10	38607	2	31,43/09
35045	1	N10/09	36048		N41/09**				38610	1	7,31,43/09;23/10
35046		N39/09**	36049	1	N33/09*				38641	5	N12/10*
35048	1	N4/09*	36050		N36,N40/10	37222	14	N46/10*	38642	1	N18*,N32/10
35049		N39/09**	36051		N41/09**	37223	14	21,32,39,40,41/09;1,5,10,11,21,23,32,33,44,45,47/10	38670	2	27/09
35051		N39/09**	36052		N41/09**				38681	3	14/09
35052		N4/09	37000	23	22/10*				38682	3	26/10
35053		N39/09**	37001		N42/09**	37224	11	3,5,14,15,21,26,51/09;3,19,22,27/10	38690	2	32/10
35054	1	N39/09**	37002		N42/09**				42640	6	36/10
35055	1	N10/09	37004	3	N39/10*	37226	18	N4,N5,N11,N13,N23,N30,N31,N34,N39,N41,N43/09;N4,N11,N15,N19,N21,N27,N31,N43,N45,N46/10	42740	5	36,41/10
35056	1	N10/09	37005	17	4,21,29/09;1,11,39/10				42742	3	2,22/10
35057	2	N39/10*	37009		N42/09**				42760	5	17,49/09;1,2,22/10
35058	2	N39/10*	37010	24	4,9,21/09;1,11/10				42762	3	N49/09;N22/10
35059	2	N33/09*	37011		N42/09**				42765	3	36/10
35061	2	N39/09**	37012	1	N42/09**	37228	14	11,14,31,41,43,52/09;13,32,42,43,45,47/10	43030	24	43/09;15,32,39,47/10
35065	2	N39/10*	37013		N42/09**				43040	6	36/10
35067	1	N4/09	37014	1	N42/09**	37229	15	4,34,52/09;7,42,43/10	43058	3	17/09
35068	2	N39/10*	37015	1	N34,N36,N40/10	37230	14	13,19,30/09;45/10	43059	3	17/09
35069	1	N39/09**	37016	2	N39/10*	37231	18	4,5,6,11,13,14,15,19,21,26,28,31,39,43,49,52/09;13,15,19,23,43,45,46/10	43060	4	17/09
35071	2	N39/10*	37018	1	N42/09**				43143	4	10/09
35078	2	N10/09	37019	2	N39/10*				43144	4	15,25/09
35079	4	N39/10*	37022	1	N42/09**	37232	13	N4,N5,N9,N18,N41/09	43145	4	15/09
35089	2	N12/10*	37023	1	N42/09**	37234	13	4,9,15,18,19,23,43/09;19,26,46/10	43146	2	24/09
35092	3	N13/10*	37025	26	41,49/09;26,34,36,37/10				43148	4	25/09
35093	4	N39/10*	37026		N42/09**	37235	11	9,15,18/09	43150	3	N24/09
35094	1	N4/09	37027	1	N6/09	37236	9	15/09	43160	6	24/09
35098	1	N39/09**	37028	1	N6/10*	37238	6	39,41,45,49,51/09;4,10,11,22,23,27,32,47/10	43162	3	2/09
35102	1	N40/09**	37029		N42/09**				43167	5	27/09
35105	1	N40/09**	37030	1	N43/09**	37241	19	N20*,N38,N39,N41,N44,N49/09;N1,N4,N5,N10,N14,N31,N45/10	43181	3	27/09
35106	2	N33/09*	37031	1	N43/09**				43203	3	4/09
35107	1	N40/09**	37032	2	42,46/10				43220	3	4/09
35108	1	N40/09**	37035		N43/09**	37242	11	41,45,48,49/09;1,4,11,14,27/10	43221	4	4/09
35109	1	N8/09	37036	1	N43/09**				43224	3	4/09
35111	1	N40/09**	37037	1	N43/09**	37243	7	41/09;1,11,22,32/10	43240	4	30/09
35112	1	N40/09**	37038	1	N43/09**	37244	11	23,30,31,32,33,34,41,43,44,45/09;1,2,10,11,14,22,23,27,32,44,47/10	43242	4	30/09
35116	1	N8/09	37039	3	N43/09**				43244	4	29/09
35118	2	N33/09*	37040	2	N22/09*				43245	4	29/09
35119	2	N8/09	37050	9	18,25,26,34,36,37,40,42/10	37246	15	23,27,31,32,33,38,39,41,44,45,48,49/09;5,10,11,14,22,23,27,31,32,41,45/10	43246	5	11/09
35121	1	N8,N29/09							43247	5	4/09
35122	1	N40/09**	37051	1	N2/09				43260	4	31/09
35124	1	N40/09**	37052	2	N9/09				43262	5	2,11,17,25,31/09
35125	2	N40/09**	37053	1	N43/09**	37248	19	19,22,23,27,28,29,30,32,33,34,37,39,45,49,51/09;10,13,14,21,22,23,31,32,44,46/10	43263	7	12,17,25,30/09
35129	1	N40/09**	37054		N43/09**				43264	2	11,25,31/09
35132	1	N40/09**	37055		N4/09;N5,N10,N14,N22,N44/10				43265	2	12,17,25/09
35133	1	N40/09**							43280	5	30/09
35134	2	N40/09**	37056	1	N43/09**	37258	4	18/10	43281	6	11,29,31/09
35137		N40/09**	37062	3	N33/09*	37261	10	18,20/10	43283	6	31/09
35145	1	N40/09**	37066	6	N26/10*	37262	20	18/10	43285	5	27/09
35146	1	N40/09**	37067	5	N43/09**	37264	3	18,36/10	43287	2	11,15,31/09
35147	1	N3,N7,N27/09	37080	4	N37/10*	37265	3	18/10	43300	5	12/09
35151	1	N26/10*	37085	8	43/09**	37266	3	18/10	43302	4	45/10
35172	3	N33/09*	37090	8	8,17,18,23,34,36,37,40/10	37281	15	18/10	43303	4	30/09
35180	6	29/09				37320	16	21,22,25,26,34,36,37/10	43321	6	30/09;45/10
35303	7	43/09**	37091	1	N43/09**	37325	9	N10,N12,N14/10	43323	4	31/09
36000	1	N4,N7,N9/09;N24,N25/10	37095	3	18,27,34,36,40/10	37326	2	10,12/10	43324	4	26,31/09
			37103	9	18/10	37328	2	10,14,21,22,26,37/10	43340	13	21/09
36001		N34,N36,N37,N40,N42/10	37104	4	N18/10	37330	2	5,7,8,9,18,25,26,30,34,36,37/10	43341	7	10,27,30/09
			37106	4	18/10				43342	7	10,26,27/09
36002		N3,N27/09;N25/10	37110	11	2/09;18/10	37342	3	3,4,12/09	43345	4	21,26/09;44/10
36003	1	N41/09**	37112	1	18/10	37344	11	3/09;10/10	43356	2	11/09
36004	1	N41/09**	37115	2	2/09;18/10	37360	15	3,12,36/09;22,26/10	43360	21	21/09;2,15,39/10
36005	2	5,7,9,17,18,22,26,30,34,36,37,40,42/10	37120	3	2,23,30,31,33,43,45/09;13,14,18,27,38,44/10	37362	6	26,48/09;11/10	43363	5	12/09
36006	1	N7,N10/09;N24,N25/10	37121	11	2/09;18,38/10	37363	9	N22/10*	43364	6	N12/09
36007	1	N24/10	37123	9	38/10	37367	1	11/10	43365	5	29/09
36008	1	N8/09;N24/10	37125	15	38/10	37380	2	26/09	43368	5	11,17/09
36009	1	N24/10	37126	8	38/10	37400	10	33,44,45,46,49,51,52/09;32/10	43369	6	17/09
									43371	13	11,19,24,27,29,30/09

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43372	5	N27/10*	44206	1	32/09;11/10	51145	2	18,41/09;31/10	53082	14	11,14,50/09;1/10
43373	8	24,32/09;17,25/10	44220	5	28/10	51146	3	18,41,45/09	53083	8	8/10
43374	1	19,24,27,29,30/09	44223	1	28/10	51150	1	15,18,21,23,41,48/09;17,32,P47/10	53084	6	32/10
43375	7	15,17,25/10	44224	1	22/10				53085	6	32/10
43377	2	24/09	44240	8	35/09;6,28,29,42/10	51153	1	N48/09*	53086	8	22,30,32/10
43382	2	17/09	44243	2	34/10	51154	3	20/09	53087	9	32/10
43384	1	15/10	44260	7	12/09;11,15,32/10	51155	1	20,21/09;6,31,47/10	53088	8	18,26,51/09;1/10
43385	1	15,22,39/10	44280	9	43/09;10,15,29,32/10	51160	21	21,23/09;6,17,31,32,P47/10	53090	1	42/10
44000	16	26,P48/09;1,5,11,12,14,32,P43/10	44281	2	22/10				53093	3	32/10
44001	2	23,26,29,32,P48/09;1,4,5,8,12,13,14,15,18,21,24,29,30,32,34,36,P43,45,46,47/10	44282	1	35/09;10,28/10	51164	18	52/09;26,28/10	53100	17	16,35,48,51/09;6,16,21,24,39,41,42,47/10
44015	9	49*,51/09;1,4,5,8,12,14,17,18,24,30,34/10	44284	2	7,8/10	51165	9	N52/09	53101	8	N10*,N21,N42/10
44030	8	29*,43,P48/09;1,10,11,14,17,28/10	44285	1	25,47/10	51166	4	N52/09	53103	1	N21/10
44036	5	41,49/09	44286	1	47/10	51167	7	N52/09	53104	3	N50/09*;N1,N15,N21/10
44037	5	29,49/09;22/10	44310	5	6,10,17/10	51168	2	26,28,31,35/10	53105	21	N8,N40/10
44039	1	N27/10*	44313	1	6,10/10	51260	4	36/09;4,23/10	53106	7	28,37,51/09;16/10
44040	24	11/10*	44319	3	27*,30,34,36/10	51261	23	18,20/09;47/10	53107	17	N33/09;N21,N42/10
44041	7	22/10	44320	4	9,13,17,20,26,27,32/09;5,8,12,16,18,30,34,P43/10	51341	23	36/09;15,18,23/10	53108	3	16,32/09;33/10
44042	8	N37,N46/10	44321	6	6,13,P43/10	51342	3	31,32/10	53110	1	16,39,47/10
44044	6	43/09	44340	12	9,10,12,20,26,30,36,37,41,43/09;5,6,14,16,17,18,19,30,34,36,P43/10	51343	3	36/09	53120	14	11,12,33,40,41,47,49/09;2,3,24,42,45,46/10
44045	6	32/09;24,36,39/10	44341	7	26/09;6,7,8,11,18,P43/10	51346	1	N26/10*	53122	3	1,42/10
44046	10	42/09;22,24/10	44342	8	11/10	51347	1	N26/10*	53123	3	1/10
44047	22	24,32/10	44352	3	N9,N13,N15,N19,N20,N26,N32,N34,N36,N41/09;N16,N17,N18,N19,N30,N31,N36,NP43/10	51380	5	36/09	53125	2	33/09
44048	12	N5/09*	44360	10	9,13,23,25,31,37,41,48,52/09;5,6,14,17,18,19,20,34,36/10	51420	5	17/10	53130	1	11/09;45,46/10
44049	10	N24,N29/10	44361	7	N32*,N46/10	51440	4	17/10	53135	2	23,33,47/09;2,45/10
44050	22	N44/10*	44362	1	N30/10*	51460	4	10/10	53141	5	14,41,47/09;22,30,44/10
44051	2	N44/10*	44365	1	30,33,36,44/10	51500	7	44*,45/09	53147	3	3,15,35/09;8,42/10
44052	2	N44/10*	44366	1	25/09;30,32/10	51520	4	37/09;7/10	53149	3	N10*,N40/09;N42/10
44053	1	32/10	44367	2	5,14,17,18/10	51540	3	38,41,44/09;7/10	53160	14	11,12,14,16,41,47,49/09;2,24,27,30,44/10
44054	1	N26/09*	44400	4	3,9,11,12,13,23,25,26,27,29,32,33,34,37,39,41,43/09;16,18,19,30,31,34,36,44,45/10	51559	4	9/09*	53161	8	3,5,12,13,16,22,28,38,42,47,48,49/09;2,6,21,44/10
44057	5	15,19,20/09;2,4,25,32/10	44401	8	N18*,N37/10	51605	11	14/10	53162	7	3,16,22,42/09;30,44/10
44059	1	N5/10*	44410	4	3,11,23,32,39,43/09;12,15,31,34,45,47/10	51621	10	N10/10*	53164	9	16,42/09
44061	22	45/09*;2,24/10	44420	7	44*,P45/10	51622	1	N10/10*	53165	14	N6/09*
44062	8	29/09	44430	3	44*,P45/10	51641	5	N48/09*	53166	1	16,22,28,29,38,42,47,48/09;22/10
44063	8	2,32/10	44442	1	N39*,N51/09;N31,N37/10	51642	4	N19/09*	53179	1	N39/09*
44064	19	26,42,49/09;22,24,25,32/10	44443	1	N39/09*;N45/10	51663	4	5/09*	53180	10	5,16,17,23,35,38,49/09;2,8,13,15,24,30,39,41,43,47/10
44065	7	4,6,13,29,31/09;7/10	44444	7	N44/09*	52031	1	4/09	53181	4	3,38,43,49/09;27,41/10
44066	10	18,29,30,43/09;31,33/10	44445	1	N26*,N31/09;N24/10	52039	4	44/09;28/10	53183	13	14,22/09;8,13,27,30,39/10
44067	23	42*,52/09;2,7,22/10	44446	1	N35/09*;N32/10	52040	18	44/09;18,26/10	53184	5	13,23,26/09;8,28,40/10
44068	11	6,13,14,19,20,30,42/09;19,29,32,47/10	44461	10	2,13,17,18,20,32,35,39,40,45/09;32,35,45/10	52043	21	2,39,44/09	53191	1	N17/10*
44069	16	5,6,11,13,14,20,26,29,30,37,39,52/09;19,22,47/10	44462	4	2,6,20/09;7,20,41,42/10	52066	3	19/10	53200	7	12,25,39,46/09;6,13,18,24,27,29,30,43/10
44070	7	6,15,19/09;11,26/10	44463	9	17,18,35,40/09;4,8,20,31/10	52082	2	37/09	53201	6	33,37,40/09
44071	4	26/09	51002	7	21,46/09	52084	2	26/10	53203	11	23/09;6/10
44072	4	13,19,44/09	51007	22	15,23,27,41,46/09	52085	3	37/09	53204	10	23/09;6/10
44073	2	11,18/09;32,43,47/10	51013	4	23,32/09	52118	1	23/10	53205	3	6/10
44075	4	6,52/09;15,43/10	51017	31	36/09	52140	6	4,5,22/10	53206	7	N23,N45/09;N6/10
44076	3	6,9,19,31,34,41,49/09;15,26,31,43,47/10	51022	11	36/09	52142	3	24/10	53207	1	N6/10
44081	9	2,4,6/09;23,27,46,47/10	51027	8	38/09;7/10	52143	8	4,26/10	53212	3	33,46/09
44082	11	15,48/09;27,P43/10	51030	10	38/09;14/10	52144	6	N11/09*;N3,N4,N5/10	53220	7	9,12,25,35,39,46/09;6,10,24,27,29,43,45/10
44083	8	2,9,18,20,31/09;7,8,20,24/10	51031	3	19,21,48/09	52145	1	N11/09*;N3,N4,N5/10	53223	5	41/10
44084	1	2,7,15/09;4,7,20,23,32/10	51061	14	18,19,27,41/09	52164	2	3,4,6,17,27,33/09;10,29/10	53226	3	5,25,27,35/09;29/10
44085	2	6,11,30,37,48/09;3,26,27,28,31,46/10	51062	18	18,19,37,41/09;19/10	52170	3	4,17/09	53242	12	39,43/10
44100	8	12*,23,27,29,46/10	51064	2	27,37/09;33/10	52172	2	17,36/09;22,45/10	53244	2	43/10
44120	8	19*,27,P43,45,46/10	51081	10	19,21,34,46/09	52180	14	3,4,6,16,18,25,29,32,36,40,46/09;1,8,15,27,31,39,43,45/10	53263	6	37/09;40/10
44140	9	19*,20,32,41,P43,45/10	51082	7	21,37,48/09	52184	3	25,46/09;45/10	53266	4	14/10
44160	7	12,24,P43/10	51100	7	13,15,16,20,22,23,38/09;3,6,20,31/10	52186	3	18,32,46,47/09;1/10	53268	4	13,37/09;10,15/10
44161	2	12/10	51102	10	37/09;19,31/10	52200	8	52/09;10,45/10	53269	5	13,17,37/09
44164	1	32/10	51104	1	20/10	52202	7	52/09;11/10	53279	4	3,42/09;3,6,41/10
44165	1	24/10	51109	5	13,16,20,22,23/09;3,6,17,32/10	52207	7	16/09;32,47/10	53281	4	15,16,21,47/10
44178	2	47/10	51120	6	16,18,23,27,37,41,46/09;3,6,32/10	52221	7	32,47/10	53282	8	32,47/09;14,19,46/10
44179	2	40/10	51135	2	N31/09*;N3/10	52222	4	10,32,47/10	53283	4	43/09;6,45,46/10
44180	6	P48/09;1,7,24,29,32,34,47/10	51142	2	13,18,20,41,48/09;14,31,32,47/10	52223	4	10,32,47/10	53285	4	3,42/09;3,6/10
44181	6	N26/09*	51143	5	N37/10*	52243	11	32/10	53287	6	3,42/09;3,6,38,45/10
44182	5	N42/09*;N12,N29/10	51144	4	N39/10*	52262	6	32,47/10	53290	1	17/09;14,15/10
44183	6	11,12,29,41,44/10				52263	5	32,47/10	53291	4	38,45/10
44184	9	11/10				53011	2	3,4,12,13,16,17,39,41/09;24,27,29,30,39,43,45/10	54040	3	49/09;15,30,39/10
44185	8	N42/09*;N11,N29/10				53031	1	35,47,49/09;8,15,41,43,45,46/10	54041	7	23,26,38,40,43/09
44186	2	17,29/10							54043	2	17,28,33,38,41,43/09
44187	2	42/09;22,41/10							54060	5	3,5,15,25,26,27,28,32,37,41,49/09;16,33/10
44192	1	42/09;25/10							54061	12	N23,N27/09;N33/10
44193	1	35/09;15,23,37/10							54063	3	3/09
44200	9	P48/09;1/10							54064	2	28,49/09
44203	1	P48/09;1/10							54081	4	N10/10*
44205	2	35/09;32/10							54082	13	N27/09
									54083	4	31/10

**CHARTS AFFECTED BY NOTICE TO MARINERS
NM 2/09 THROUGH NM 47/10**

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* indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
54085	2	3,5,20,25,39,40,47/09;41,47/10	54333	3	19,34,47/10	55046	4	39,40,42,43,48,49/09;1,5,6,11,12,13,14,16,23,36,37,39,42,44,45,46/10	57169	1	5/10*
54090	3	3,5,9,15,20,25,26,28,41,42,49/09;11,31,33,39,45,47/10	54334	3	4/09;24,35,37/10	55047	8	40,42,43/09;5,7,8,9,10,12,13,22,36,46/10	57241	13	N12/09*
54091	1	41/09*;33/10	54335	3	12,44,50/09;35/10	55048	12	43/09;5,7,8,9,10,16,20,37,45/10	57242	9	25/09*
54095	3	3,5,8,20,25,27,29,34,40,47/09;41,47/10	54337	4	N19*;N47/09	55049	6	48,49,52/09;1,5,11,12,13,16,20,27,35,42/10	57245	2	38/09*
54105	3	8,21,27,28,29,34,40,41,47/09;2,41/10	54338	2	47/09	55060	8	N30/09*	57380	3	6/09
54115	3	14,18,21,15,23,29,33,34,37,41/09;2,5,8,18,29,33,38,41,46/10	54339	9	N18*;N47,N50/09;N19/10	55064	3	8,9,10,12,20,25,26,36,38,46/10	57381	13	N16/10*
54120	5	5,8,21,28,33,37,38,41/09;2,8,18,41/10	54340	8	4,9,14,22,24,26,27,37,41,44,50/09;18,24,35/10	55082	9	8,17,23,37/09;6,31/10	57400	4	26/09
54125	4	3,5,14,15,23,24,25,26,28,31,34,35,40,41,43,47/09;2,5,6,7,18,19,26,27,29,33,38,40,42,46,47/10	54341	4	2,8,22,26,44/09;18,34,45/10	55084	7	31,33,47/10	57403	3	N22/10*
54131	2	3,12,15,20,25,28,37,39,40,41,49/09;2,16,24,27,29,30,31,33,39,43,47/10	54342	6	12,14,41,44,47,50/09;18,24,34,35,45/10	55085	9	23,37,43/09;6/10	57420	3	23/09
54140	8	5,14,18,24,28,33,35,40,41,47/09;2,8,18,26,29,33,38,40/10	54343	10	14,16,19,41,47,50/09;18,45/10	55100	8	46,48,49/09;8,13,23,32,34,44/10	57440	3	23/09;26/10
54151	1	8,14,30/09	54344	6	12,14,41,44,47,50/09;18,24,34,35,45/10	55101	5	8,48,49,52/09;2,14,27,33,36,40/10	57460	4	13,34/09;22/10
54161	13	N38*;N47/10	54346	9	5,16,19,47,50/09;4,18,43/10	55102	4	25,51/09;27,33,40,41/10	57471	3	23/09
54165	2	29/09	54347	4	4,33/10	55103	3	N47/09;N18,N47/10	57480	8	23/10
54167	2	7/10	54349	4	3,9,22,24,37/09;18/10	55104	2	14/09;24,27,30,32,35,36,40/10	57482	13	N5/10*
54168	1	23,33,35,38/09	54350	4	9,11,27,30/09;45/10	55105	7	45,46,47,48/09;12,24,26,32,40,44/10	57483	12	N5*,N13,N22/10
54169	3	14,23,24,29,33,35,47/09;7,29,42,47/10	54351	7	48,50/09;18,35/10	55106	2	P43/10	57484	20	N16/10*
54180	7	23,24,25,29,33,34,47,51/09;5,8,33,38,46/10	54352	3	9,48/09;11/10	55107	2	45,46,47,48/09;12,24,26,32,40,44/10	57488	7	N10/10*
54181	7	5/10	54353	2	2,33,36/09	55108	2	8,13,23,39,44,46/10	61000	20	6,10,23,26/09
54195	3	25,33,51/09	54356	6	8,17,50/09	55109	2	34/10	61003	17	6,23,31/09
54200	4	23,25,29,31,34,47,51/09;5,8/10	54367	3	19/09	55110	2	34/10	61020	2	6/09
54201	6	25,31,34,47/09;18/10	54369	4	9,11,48/09;1,2,13,19,20,26,38,44/10	55112	2	37,49/09;10,14,30,31/10	61040	6	10/09;26/10
54220	5	24,29,30,34,41,44,47/09;8,22/10	54380	6	9,20,35,48/09;1,2,6,11,14,25,26,35,38,42,44,45/10	55128	3	N43/09;N6,N7,N22,N41/10	61050	5	6,23,34/09
54222	4	34/09;44/10	54382	9	11,41,47/09;1,6,20,23,29,33,36,37,44,47/10	55129	7	43/09;6,7,22,31,32,36,41/10	61051	9	N19/10*
54223	2	25,31,34/09	54386	10	20,30,35,50/09;4,11,19,22,25,26,33,36,42,46/10	55130	2	14,23,25,43,46,48,49/09;5,6,10,30/10	61060	6	23/09
54224	3	46/10*	54387	7	36/09;1,13,29,36,38,39,42/10	55131	1	23,25,49/09;16/10	61061	10	6/09;23/10
54225	2	30,34,41/09	54389	8	50/09;8,14,23,26,35,39,42,47/10	55133	4	N18*;N24/10	61090	6	31/09;22,23/10
54226	2	47/09;5,8,26,43/10	54400	8	11,13,14,18,24,25,31,36,48/09;4,12,22,24,26,40,41,42,47/10	55135	1	8/09*	61091	6	N23,N47/10
54227	3	N6/09*;N5,N8,N26,N43/10	54403	4	7,8,15,23,24,25,26,40,42/10	55139	6	28/10*	61092	14	N34/09;N23,N47/10
54230	1	44/09*	54404	4	8,20,25/09;42/10	55140	2	17,36,46,47/09;10,30,32,37,43/10	61100	4	6,31/09;22/10
54265	1	11/10*	54406	2	2/09;18,43/10	55142	2	8,22,25,27,42,44/10	61110	3	6/09
54266	2	42/09;11/10	54407	4	4,24,25,31/09;4,6,8,11,12,18,22,25,26,40,41/10	55146	2	6,12,13,25,35,39,40,47/10	61112	11	N32/10*
54279	4	5,9,10,12,17,18,30/09;11,33/10	54408	4	8,9/09;8,18,34/10	55161	1	6,40,47/10	61210	6	8,48/09
54280	11	2,10,11,12,17,20,29,30,32,36,50/09;6,11,43,45/10	54409	2	24/09;10/10	55170	2	8,37,48/09;6,22,26,32,36,40/10	61212	3	N7/09
54281	6	12,18,29,47/09	54412	1	24/09*	55175	1	25/10	61220	5	8/09
54282	1	33,35/10	54413	3	9,31/09;4,6,11/10	55180	2	43,45,47/09;7,18,24,37/10	61221	1	N8/09*
54283	5	12,14,22/09	54416	5	13,18,27/09;24,35,40/10	55190	2	23/09;10,18,30,32,37,47/10	61300	2	6/10
54284	1	4,14,18,24,30/09;24/10	54418	4	4,24,25/09;4,6,8,38,41/10	55200	2	32,43,45/09;22,27,47/10	61410	2	8/09
54285	1	29,36/09;24/10	54419	2	47/09;38/10	55205	1	23,32,37,43,44,47/09;1,5,7,10,14,22,27,36,44/10	61540	2	32,35/10
54286	4	4/09;12/10	54421	6	33/09;13,22,26,36,45/10	56011	1	4,12,22,46/09;24,27,29,43,45/10	61541	8	45/09
54287	7	12,13,17,23,26,29,32,36,48/09;11,33/10	54422	4	23,33/09;45/10	56031	1	11,14/09;24,25/10	61542	7	45/09
54288	5	10,11,24,26/09	54423	5	25,35,42/10	56044	3	7/10	61550	2	31/09
54289	8	10,17,23,24,26,35,36,50/09;43/10	54424	1	26,44/10	56045	1	16/10	61581	5	31/09
54300	12	17,25,33,44,46/09;6,43,45/10	54425	1	23/09	56060	9	3/09;7,24,29,40/10	61582	4	31/09
54301	4	5,31/09;45/10	54430	1	13,15,22,26,39,40,42/10	56063	1	5/09;4,29,40/10	61591	4	39/10
54302	1	25,33,44/09;6/10	54440	4	10,35/10	56064	6	5/09;7,24,29,40/10	61592	5	N32*,N39/10
54303	4	25/09	54441	6	10,24,25,27,42/10	56065	3	3,5/09;24,29,40/10	62000	20	15/09;23,32,33/10
54314	2	12,13,17/09;11,33,34,37/10	54463	5	11/09;22,41/10	56067	3	3/09;24,29,40/10	62001	5	24,38/09;27/10
54318	3	17,36,44/09;6/10	54464	5	22/10	56082	17	N19/10	62024	13	10,31/10
54320	4	8,11,13,14,17,20,24,25,26,36,44/09;6,24,35,36,45/10	54481	9	7,12,13,14,22,26,38,39,46/10	56100	14	10/09;25/10	62028	15	21,22,31,38/09;31/10
54321	3	N16*;N24,N36/09;N24,N45/10	55001	4	8,12,13,24,44/10	56101	7	24/09	62032	16	7,22,25,36,51/09;22/10
54322	8	4,11,13,17,44/09;6,37,43/10	55040	4	33,34,37,38,39,40,42,49/09;1,20,23,37,42,46/10	56102	24	24/09	62033	3	N7,N22,N25,N36,N51/09;N22/10
54324	9	4,14,24,34/10	55041	7	33,34,35/09;13,20,36,39,44/10	56103	7	51/09	62080	5	15/09
54327	4	4,14,20,33/09	55042	1	38,39,42/09;5,12,13/10	56104	3	5,25/10	62090	7	15/09;23/10
54329	4	11,17,25,44/09;19,24/10	55043	2	38,43/09;5,15,16,22,27/10	56120	13	24/09	62092	7	51/09;27/10
54330	2	25/09;19,35/10	55044	5	34,37,38/09;13,20/10	56220	4	4/09;29/10	62093	8	9/09;27,32/10
54332	3	13,22,26,27/09;37/10	55045	2	37,38,42/09;5,12/10	57006	5	38/09	62097	6	15/09
						57029	9	6,26/09;36/10	62098	7	15/09
						57035	10	34/09;16/10	62105	4	N16/09*
						57061	6	37/10*	62110	10	24/09
						57064	4	N5/10*	62142	10	5/10
						57080	8	10/10	62143	3	36/09;5/10
						57100	10	25,38/09	62144	3	36/09
						57101	18	38/09	62170	2	33/09
						57120	13	38/09	62171	4	33/09
						57142	6	32/10	62225	4	N38/09*
						57160	10	19/09	62230	3	24,38/09;27/10
						57161	5	N10/10*	62241	10	51/09
						57162	7	19/09	62250	5	33/09;5,27/10
						57163	4	N32/10*	62270	5	5,24/10
						57164	3	N32/10*	62271	5	49/09;24/10
									62276	3	49/09
									62290	4	24,49/09;24/10
									62295	4	24/09
									62302	3	27/10
									62310	2	31/10
									62313	4	8,51/09;24,31/10
									62314	3	25/09;31/10
									62340	3	31/10
									62343	4	25/09;31/10
									62350	3	22/09;22,31/10
									62353	4	22/09;31/10
									62355	7	22/09;31/10
									62360	5	21,22,51/09;31/10
									62361	2	N21,N22,N51/09;N31/10
									62362	1	22/09;31/10

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62364	1	8,22,51/09;31/10	63070	4	7,8,11,17,18,19,35,49/09;7,29,31,44,46/10	71243	6	18,32/09;26/10	74016	3	10/09**
62366	4	13/09;39/10				71244	4	14,23,32/09	74019	1	N10/09**
62377	2	21/09	63080	6	6,35,48/09;3,5,14,31,34,46/10	71247	19	18,43,44/09;12,23,24,26,27,29,46/10	74020	4	10/09;33/10
62387	3	N23/09*							74021	7	10,50/09;38/10
62388	3	N14/09*	63090	9	23*,30,52/09;11,31,38,45/10	71248	3	N18/09;N12,N22,N29,N46/10	74027	9	33/10
62389	1	N8/09							74033	1	N50/09
62391	5	21/09	63091	4	6,7,35,48/09;3,4,5,8,30,34,46/10	71249	2	23/10	74045	1	N10/09**
62392	7	21,25/09;5,22,31/10				71250	1	N36,N43,N44/09	74143	1	N30/10
62393	7	25,36,51/09;5/10	63092	4	4,8,34/10	71251	13	N36,N43,N44/09;N22,N23,N46/10	74150	2	N44/10*
62394	10	25,36/09;5/10	63100	2	11,35/09;11,46/10				74154	1	N48/09;N29,N43/10
62395	3	25/09	63101	17	N14*,N48,N52/09;N11,N15,N42,N45,N46/10	71252	2	N2,N11,N13,N14,N16,N22,N23,N32,N36,N43/09;N3,N7,N12,N24,N29,N46/10	74155	1	N48/09
62396	5	31/10							74164	1	N29,N38/10
62400	17	7/09;11,19,30/10	63102	21	N14*,N35,N52/09;N1,N11,N15,N42,N46/10				74171	4	41/09
62401	9	10,16,19/10							74180	1	N26,N27,N29/10
62402	10	16,32/10	63103	19	N7*,N11,N35/09;N1,N8,N46/10	71253	11	2,14,18,36,43/09;3,12,23,26,27,28,32,45,46/10	74189	1	N47/10
62403	5	7/09							74190	7	11/09
62404	3	18/09	63110	4	11,19,35,49,50/09;1,11,13,21/10	71254	2	N14,N36/09;N24,N29/10	74191	2	11/09**
62407	5	19,30/10				71255	7	N41*,N44/09;N12,N23,N27,N29,N46/10	74205	2	45/10**
62408	7	11,19,30/10	63111	10	14,15,50/09;13,21,34,45/10	71256	2	N6,N11,N14,N18,N23,N32,N35/09;N22,N23,N26,N46/10	74208	1	N43/09
62411	1	7,15,48/09;28/10							74209	1	N43/09
62412	13	9,11/09;5,7,18,30/10	63112	1	N38/10				74212	2	N41/10
62413	13	9,11/09;5,18,30/10	63113	1	N15,N38/10				74217	1	N11/09**
62414	2	19/10	63120	2	19,35,48/09;1,11,20,29,44/10	71261	9	16,22,40/09	74220	8	33,36/10
62416	14	36/09				71262	7	13,16,32/09;39/10	74222	1	N11/09**
62417	3	N46/10*	63121	6	35,48/09;1,3,11,19,20,29,44/10	71265	4	2,11,14,16,18,23,32,36,43/09;3,7,23,24,26,28,29,46/10	74224	1	N11/09**
62419	6	27/10							74225	2	N33/10
62420	5	9/09;5,27/10	63150	1	6,24,50/09;20/10				74226	1	N38/10
62431	8	5/10	63172	5	N4/09	71271	11	7,32,40/09;4,14,28/10	74227	1	N38/10
62432	18	2,5/10	63200	5	37/09;3,8,44,45/10	71272	11	31,36,40/09;32,41/10	74228	3	N39/10*
62433	13	5/10	63201	11	N41*,N52/09;N3,N8,N44/10	71273	3	7,32,36,40/09;28,41/10	74235	1	N11/09**
62437	12	51/09				71275	4	7,14,16,18,22,36,43/09;3,4,7,12,14,24,29/10	74237	3	N45/10*
62440	8	10/09;10,11,16,19,30/10	63205	2	52/09;3,8,44,47/10				74243	1	N45/10*
62442	2	7/09	63210	3	24/09;14,21,46/10	71285	4	7,18,32/09;4,12,14,28/10	74244	1	N45/10*
62446	4	N10/09	63220	5	14/10	71295	3	17/10*	74246	1	N33/10
62449	4	7/09	63230	6	47/09	71305	2	8,30,32,45/09;11,41/10	74247	1	N33/10
62453	6	N18/09*;N18,N30/10	63231	9	N47/09	71315	2	8,24,30,45/09;11,31,33,41/10	74248	1	N45/10*
62455	7	27/10	63250	6	35,48/09;14,44,46/10				74249	1	N41/10*
62457	6	32/10	63252	2	N48/09;N45,N46/10	71320	1	11/09;22,28,41/10	74251	8	11/09
62459	2	10,16,24,27/10	63260	6	17,35/09;14,15,18,34,44,47/10	71325	8	24,32/10	74252	9	41/10**
62460	4	7,21,25/09;5,11/10				71330	13	11/09;28,41/10	74255	1	N11/09**
62462	2	7,32/09	63268	2	14/10	71331	11	11/09;6,32/10	74256	1	N11/09**
62463	2	32/09	63270	7	18,48,52/09;5,31/10	71333	2	11/09	74258	1	N41/10*
62464	4	N10/10*	63271	9	N48,N51/09;N3,N31/10	71340	11	32/10	74262	1	N33/10
62480	2	7,21,22,25,36,51/09;11,22,28/10	63280	3	7,11/09;5/10	71343	3	14/10	74265	2	33,36,43/10
			63290	7	6,7,11,52/09;3,4,7/10	71350	8	32/10	74267	1	N36/10
62490	2	7/09;11,28/10	63291	9	6/09;3,12,44,47/10	71400	5	34/10	74270	3	35,36/10
62498	5	N28/10*	63310	5	50/09	71410	1	32,34/10	74275	2	N36,N38/10
62499	6	N10/10*	63320	8	50/09;4,13/10	71420	1	32/10	74276	1	N11/09**
62510	3	7,21,25,36/09;5,11,22/10	63321	6	13/10	71440	2	11,18,36,43/09;23,24/10	74281	7	46/10
62512	3	N7,N21,N25,N36/09;N5,N11,N22/10	63324	2	50/09;1,4/10	71460	1	14/10	74286	2	11/09**
			63352	6	16/09	72000	8	34/10	74290	12	20/09*
62515	2	10/09	63370	2	8/09	72007	10	32/10	74292	8	11/09;29/10
62520	6	7,10,51/09;5,10,11,16,19,28/10	63380	2	7,11,16/09	72014	10	14/09;28,32/10	74295	3	29/10
			63383	5	45/10	72021	8	28/10	74300	1	N29/10
62521	4	N7,N10,N51/09;N5,N10,N11,N16,N19,N28/10	63390	2	7/09	72028	7	4/09;4/10	74302	1	N12/09;N30,N35/10
			63400	1	30,46/09;11/10	72070	4	47/09	74311	2	N29,N33,N46/10
62530	6	7,9,51/09;5,7,10,11,27,28,31/10	63410	6	45/10	72075	2	47/09	74312	1	N12/09**
			63420	2	45/10	72094	2	32,34/10	74341	1	N12/09**
62531	4	N7,N9,N51/09;N5,N7,N10,N11,N27,N28,N31/10	63430	3	48/09	72100	7	14/09;32,34/10	74342	1	N41/09;N12/10
			63440	4	22,24,48/09;11,32,41/10	72103	2	32,34/10	74343	1	N12/09**
			71005	1	7,18,30,43/09;3,14/10	72105	2	14/09;32/10	74345	1	N46/10*
62540	6	7,24,40/09;2,5,11,27/10	71015	5	28,34/10	72107	2	14/09;32,34/10	74346	1	N12/09**
62541	3	N7,N24,N40/09;N2,N5,N11,N27/10	71018	10	4,28,34/10	72109	3	35/10	74347	1	N46/10*
			71027	9	6,7,37/09;24,27,28,39,41/10	72110	9	14/09;28/10	74376	5	36/10**
62550	3	7,9,51/09;5,7,10,28/10				72143	5	32/09	74383	3	N44/10*
62552	1	32/10	71033	31	7,28/10	72173	2	14/09;28/10	74386	1	N12/09**
62560	4	5,11,27,31/10	71036	8	32,34/10	72231	9	N44/10*	74397	1	N42,N43,N46,N50,N51/09;N12,N30,N35/10
62570	4	24/09;2,5/10	71040	5	24,26,30,38/09;11,32,33,41/10	72234	3	N42/10*	74398	2	N12,N30/10
62572	3	2/10				73000	9	7/10	74399	1	N12/09**
62580	3	2/10	71042	2	N13,N41/10	73006	2	7/10	74410	3	12,43/09
62590	3	24/09	71043	3	26/09;13,41/10	73014	10	23/09	74420	3	12/09
62591	4	N24/09	71044	2	24,25/09;33,41/10	73022	4	4/10	74451	2	N30/10
63000	13	6,19,21,31,35,48/09;2,8,11,31,34,38/10	71045	2	35/10	73081	2	14/09*	74464	1	N41/10*
			71050	2	46,48/09;35/10	73291	4	4/10	74475	2	10/09
63005	18	11,19,35,48,49/09;1,21,44,45/10	71058	3	N7,N12/09	73341	8	23/09	74491	4	12/09
			71059	2	N7,N12/09	73393	1	N41/10*	74492	7	12/09**
63010	14	6,24/09;3,21/10	71061	16	N7,N12/09	73395	1	N10/09**	74493	3	10,12/09;33/10
63015	11	7,11,48/09;5,34,47/10	71066	2	7,22,45/09;22,24,39/10	73396	1	N41/10*	74496	1	N12/09**
63050	2	9,20,21,31/09;2/10	71091	5	N22/10*	73398	1	N10/09**	74510	2	50/09
63053	5	9/09	71180	29	28,34/10	73441	3	N43/09*	74515	4	50/09;38,46/10
63054	3	9,31/09	71182	2	34/10	73481	2	4/10	74517	3	36/10**
63060	7	6,9,21,35/09;2/10	71185	24	6/10	74000	6	41/09;38/10	74518	1	N47/10*
63062	8	6,7,8,11,18,21,35,47,49,52/09;3,7,15,31,37,44,45,46/10	71186	2	6/10	74001	1	N10/09**	74520	2	38/10
			71230	11	6/10	74002	2	29,33/09	74550	4	33/10
			71239	4	N23,N32/09	74003	5	29/09	74560	10	46/10
63063	9	6,35,49,52/09;7,14/10	71241	11	N8*,N11,N13,N22,N32/09;N3,N24,N29/10	74010	1	N10/09**	74583	15	33/10
63065	6	37,45/10				74011	1	N10/09**			

SECTION I

NM 47/10

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 2/09 THROUGH NM 47/10

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.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
74588	1	N44/09	81002	6	47/09;19/10	92385	4	44,45/10	94060	12	2,15,48/09;6,13,33,38/10
74589	1	N12/09**	81004	5	37,38,47/09;18/10	92440	4	23,47/09;44,46,47/10	94061	6	12,13,38/10
74590	2	12,45/09	81012	3	46/09	92450	3	47/09;44/10	94063	5	28/09;6,10/10
74593	1	N45/09;N33/10	81025	3	N37,N38,N47/09;N10,N18/10	92460	2	32/10*	94067	11	6,15,27,28/09;33/10
75000	6	12/09	81048	10	20,36,52/09	92470	3	23/09;44,46,47/10	94080	8	12*,31,46/10
75025	9	4/10	81054	16	7/09	92480	2	10/10	94082	9	16,28/09;31/10
75051	6	46/10	81059	1	N47/09;N18/10	92500	1	10/10	94083	12	16/09
75052	2	13/09	81060	2	47/09;18/10	92560	4	35/09	94084	1	16/09;45/10
75111	1	N25/10	81067	9	14/09*	93006	3	4,6,11,28,49/09;19,31,33,39,46/10	94120	7	6,8,15,28,34/09;19,29,30/10
75114	1	N33/10	81076	12	30,36/10	93010	6	6,7,24,26,27,30,35,37/09;13,27,33,39,41/10	94122	8	N39/09*;N29,N32/10
75119	1	N13/09**	81435	4	5/09*	93018	8	6,7,24,26,30,35,37/09;13,27,33,39,41/10	94123	9	6,15,28,34/09;16,19,30,34/10
75130	16	45/09;43,47/10	81711	7	32*,37/10	93020	2	24/10	94124	15	N6,N15/09;N30/10
75134	3	13,45/09;43,47/10	81715	5	37/10*	93025	5	37/10	94127	2	28/09;34/10
75136	1	N13/09**	82005	5	34/10	93030	7	38/10*	94160	2	9/09
75137	2	N39,N45/09;N43/10	82020	7	8/09	93036	11	6,11,28/09;39,40/10	94165	4	8,9/09;14/10
75142	5	13/09**	82025	3	8/09	93044	2	37/10	94180	9	9,16/09
75143	4	13/09	82030	8	8/09;4,7/10	93045	2	13,38/10	94184	2	N16/09
75147	1	N38/10	82095	2	34/10	93047	2	37/10	94187	3	14/10
75154	1	N13/09**	83005	33	40/09	93048	1	11/09;22/10	94188	2	6,10/09;5,39/10
75155	1	N13/09**	83010	6	12/09	93049	1	24,38/10	94203	10	6,8,9,10/09
75160	6	13/09	83015	8	21/09	93050	1	N37/09	94207	5	N6/09
75162	1	N13/09**	83021	1	52/09	93110	2	6,11/09	94216	8	N12,N37,N39/10
75163	1	N13/09**	83023	4	48/09;7/10	93113	3	N7,N22/09	94217	6	N39/10
75164	3	N44/10*	83024	2	48/09	93115	3	N30/09*	94220	4	6,8,10/09;12,38/10
75165	2	N33/10	83025	1	48/09;47/10	93117	3	7,11/09	94226	6	44/10*
75166	1	N52/09;N33/10	83026	32	12,35/09	93160	4	6,12,24,30/09;39/10	94280	6	N44/10*
75169	1	N14/09**	83032	1	4,7/10	93180	8	N24,N30,N35,N37/09;N27,N32,N33,N41/10	94281	7	N7/09
75170	12	17/10**	83034	1	10/09;4,7/10	93200	4	24,30,35,37/09;11,31,33,41/10	94282	9	2/09;38,39/10
75174	2	N33/10	83039	11	10,12,15,35/09;4,7/10	93220	6	24,26,27,35,37/09;32,34,41/10	94283	8	N18/09;N38/10
75177	7	38/09	83059	3	22/10*	93224	3	34/10	94287	2	2/09;39/10
75178	2	N49/09	83153	2	7/09*	93240	11	24,26,27,28,35,37/09;12,33,34/10	94290	2	2,6/09;14,39/10
75182	1	N14/09**	83251	2	21/09;47/10	93241	9	25,26,28,51,52/09;33,34,41/10	94322	14	38/09
75185	2	4/10	83252	8	21/09	93242	7	33,41/10	94360	6	3,6,8,11,15,18,23/09;35,38/10
75188	1	N14/09**	83253	2	21/09;47/10	93243	6	25/09	94361	13	37/10
75207	2	14/09**	83254	2	21/09	93244	8	25,37/09;33,34/10	94363	4	11,13,15,18/09;35,38/10
75208	2	14/09**	83382	10	N19/10*	93245	6	25,30,35,51/09;11,12,31,32,33,34/10	94380	4	N6/09;N5,N35/10
75210	1	N14/09**	83383	2	25/09	93246	5	12,31,34/10	94384	4	5/10
75213	2	14/09**	83385	19	11,25/09	93247	8	24,26,28,35/09;12,27,32,34/10	94420	3	6,9,15,23/09;35,36,38,39/10
75215	2	14/09**	83425	6	30/09	93248	1	26,35/09;11,32,34/10	94421	11	7,15/09
75220	12	19/09	83476	26	47/10	93249	1	30,37/09;33,34/10	94423	12	7,15/09
75222	8	14/09**	83484	12	24/10*	93260	8	24,26,28,35/09;12,27,32,34/10	94440	3	6,38/09
75223	1	N14/09**	83500	1	10,19,22/09;4,7/10	93261	5	28,35/09;27,34/10	95016	8	14,23,29/09;7,15,18/10
75240	4	22/10	83567	3	19,22/09;4/10	93280	5	32,34/10	95040	9	8/10
75252	1	N52/09;N33/10	83570	2	10/09;7/10	93340	6	31,35/10	95060	14	23,28,42/09;6,8,9,10,19/10
75255	1	N14/09**	83572	2	N42/10*	93406	13	34/10	95065	7	N19/10*
75266	1	N29,N43/10	83580	1	4/10	93520	3	8,12,14/10	95066	13	N38*,N41/10
75267	1	N25,N29,N30/10	83633	5	25,29/09	93650	2	8,9/09;12/10	95067	15	N44/09*;N10,N24,N25,N26,N27,N29,N31,N45,N46/10
75268	1	N14/09**	83637	4	25,29/09	93680	3	8/10	95068	2	N44/09;N28,N31/10
75269	1	N25,N30/10	91005	6	38/09;13,32,38,40/10	93688	3	N8,N12/10	95080	14	8,9,11,13,18,22,28,31,32,34,39,40,42/09;6,12,18,22,37,45/10
75271	1	N14/09**	91008	1	2,6,8,15,23,27,28,33,48/09;31,32,33,40,46/10	93690	3	12/10	95082	10	N8,N31,N32,N34,N39,N41/09;N23/10
75272	1	N14/09**	91010	6	2,6,8,15,23,27,28,33,48/09;31,32,33,40,46/10	93710	3	8/09;14,38/10	95083	8	9,22,27,43,50/09;5,11/10
75273	2	N14/09**	91020	5	23,47,51/09;32,44,46,47/10	93720	11	6,13,25,49/09	95084	7	32,43,48/09;8,22,27,32,45/10
75274	1	N43/10	91030	3	47/09;44,46,47/10	93721	6	N6,N8,N13,N22,N25,N36,N49/09;N4,N7,N27,N29,N32,N37,N39,N41,N44/10	95085	4	8,11,27,32,45/10
76015	1	13,14,22,23,25,32,48/09;4/10	91040	1	47/10	93726	5	6,21/09	95086	5	4,8,11/10
76020	7	8/09;4/10	91120	3	33/09	93728	2	7/09;5/10	95100	13	9,11,14,26,28,31,32/09;8,12,18,19,37,45/10
76030	9	8,48/09;4,7,24/10	91140	4	23,33/09;10/10	93730	4	4,6,8,11,13,25,49/09;4,19,22,37/10	95101	8	9,18,22,26,28,30,48/09;7,9,16,37/10
76040	8	14,16/09	91151	3	10/10	93733	14	N4,N6,N13,N40,N49/09;N4,N13,N19,N29,N32,N44/10	95102	8	9,11,22,30/09;4,6,7,8,10,12,13,19,37/10
76041	2	13,15,16,19,31/09	91160	3	32/10	93734	13	N6,N13/09;N4,N9,N19,N29,N44/10	95103	8	9,14,23,27,30,32,42,49/09;3,5,6,7,9,10,11,12,13,17,18,35,36,45/10
76050	8	14,20,21,22,23,25,32,48/09;14/10	91175	3	23,33/09	93736	25	N6,N31,N40,N49/09;N9,N13,N15,N29,N44,N45/10	95120	9	49/09;3,7,17,18,45/10
76052	8	13,14,15,20,21,22,23,25,30,32,48/09;22,24/10	91220	3	47/10	93778	8	16/09;8/10	95138	9	N14/09
76054	5	14,21/09	91240	5	47/10	94004	6	2,6,15,34,48/09;30,31,33,38,46/10	95140	15	22,24,25,37/09;1,12,14,16,17,18,22,35/10
76056	3	19,22,25,48/09;5,26/10	91247	6	N14/09*	94016	3	12*,30,33,38/10	95141	8	6,9,11,14,27,47,50/09;6,11,12,14,19,32,45/10
76060	7	13,22,23/09;32,41/10	91330	1	10/10	94028	8	48/09*;5,20,37,38,41/10	95142	9	42,43/09;1,3,6,20,22,34/10
76061	3	14,16,19,22,23/09;32/10	91331	3	23,47/09;44,45,46/10	94033	5	6,8,9,15,23,38/09;8,19,35,38/10	95143	12	N6,N8,N13,N14,N22/09;N1,N7,N32/10
76070	9	13/09;31,38/10	91340	3	23,47,51/09;44,45,46/10	94040	14	6,15/09;8,24,31,33,39,46/10	95144	10	9,18,31,32,37/09;1,5,6,7,16,17,19,21,26/10
76071	9	18,22/09;47/10	91360	2	47/09	94042	9	6,7,9/09;24/10			
76080	8	14,21/09;38/10	91380	2	47/10						
76081	7	19,21,22,42/09;24/10	92006	5	23/09						
76083	3	13,21/09;35,39/10	92010	3	32/09						
76090	6	23,49/09;37,39/10	92020	2	10/10						
76110	5	7,43/10	92025	3	45/10						
76120	6	14,19,31/09	92030	4	23/09;44,45,46,47/10						
76141	8	22,34/09	92033	5	10,13,32,38/10						
76142	1	19/09	92210	3	16/10						
76146	1	15/09	92220	2	16/10						
76147	1	15/09	92290	2	46/10						
76150	6	15/09	92293	2	46/10						
76160	4	41/10	92320	4	44,45/10						
76161	10	15,16,18,49/09;41/10	92380	3	44,45/10						
76162	1	19/09;22/10	92383	7	45/10						
76170	7	18/09;24/10									
76171	10	13,19/09									
76180	1	7/10									
81001	1	46/09									

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 2/09 THROUGH NM 47/10

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.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
95146	16	27,31,48/09;6,7,16,17,18,19,21,24,26,28,31,32,35,42/10	96880	6	5,14/10	97200	9	38,47,48,52/09;8,16,20/10	97398	4	9,10/09;4,37/10
95147	14	48/09;12,16,24,26,28,31,32,45/10	96900	4	24,36,44,45,47/09	97201	7	26,45/09;8/10	97400	4	8,10,37,39/09;4/10
95149	10	6,22,27,30,32,40,51/09;5,16,17,18,21,25,27,42,46/10	96901	3	24,36,44,45,47/09;38/10	97202	16	N47/09	97409	5	26/09
95151	18	8,22,32,40,51/09;5,12,24,25,27,29,35,42/10	96904	3	44/09	97204	9	31,38,52/09;10,20/10	97410	9	25,36/09;4/10
95152	6	22,40/09;18,21,25,27,29,42/10	96906	2	24/09	97206	3	20/10	97412	7	25/09
95153	3	21,24,27,42,46/10	96910	1	5,14/10	97218	3	37/09;12/10	97420	17	24,25,36,41,46,47/09;4,7,11,14,38,39/10
95160	14	48/09*;11,14,16,17,18,20,32,38/10	96938	4	24,44,45/09	97219	4	37,52/09;12,17/10	97421	13	47/09;7,38/10
95161	16	9,11,13,21,28,40,41,42,43,49,50/09;8,11,12,13,17,28/10	96939	3	24,36/09;8,42/10	97220	4	50/09;39/10	97423	3	N25,N47/09
95162	2	4,9/09;5,7,41/10	96940	1	N24/09;N5/10	97221	21	N18*,N31,N35,N41,N47,N48,N50,N52/09;N1,N10,N12,N17,N20,N38,N39/10	97425	7	N5*,N25,N36/09;N38,N39/10
95163	2	31,44/09;7,16,19,28,30,32,34,35,37,38/10	96941	8	3,23,24,32,38/09;5/10	97222	12	31,41,48,52/09;1,38/10	97441	5	24,43,46/09;16/10
95164	4	4,22,43/09;7,16,27/10	96942	10	N5*,N23/09;N5/10	97225	32	31,41,50,52/09;1,10,20,38,39/10	97443	6	24,43,46/09;16/10
95167	11	N35/09*;N26,N30,N31,N35/10	96943	15	21,23,29,36,38,41/09;2,11,15,38,39/10	97228	16	N34/09*;N39/10	97460	7	6,12,16,19,37,43,46/09;10,16/10
95169	2	4,9,41,42/09;4,15/10	96948	8	21,36/09;39/10	97229	12	50/09;39/10	97461	9	6,12,14,16,19,37/09;18/10
95171	1	8,13,23/09;5,8,10,16,19,21,22/10	96949	21	21/09;13/10	97231	11	37/09;12/10	97465	9	6,12,14,23,34/09
95172	1	10,16/10	96951	1	N46/10*	97232	9	31/09	97466	3	N48/09*
95173	1	49,50/09;3,5,18/10	96960	3	3,23,24,32,36,45/09;5,8,42/10	97233	12	35,39,43,50/09;11,12,13,38,43,46/10	97469	10	12,34/09;18/10
95174	1	50/09;18/10	96961	4	46/10**	97234	17	35,49/09;13,38/10	97471	6	N25/09*
95176	2	3,11,18,23/10	96962	4	21,36/09;11/10	97235	2	9,11/10	97472	8	6,12/09
95177	2	N43/09*;N30,N35,N38/10	97005	9	21,22,23,25,29,36/09;11/10	97236	20	31,43,49/09;38/10	97473	8	N19/10*
95180	11	8,11,13,23,41,44,49/09;3,4,5,6,7,8,15,18,19,21,22/10	97015	10	7,25,35,37,47/09;3/10	97238	11	31/09	97474	7	12/09
95185	3	5,11,20,32/10	97021	7	7,25,26,31,37/09;3,5,17/10	97239	10	35,37,43/09;46/10	97480	8	6,8,15/09;16,30/10
95200	6	14,49/09;5,9,19/10	97026	10	7,26,29,38,45,46/09	97241	6	35,36/09	97481	6	34/09
95250	4	21,23,36,41,47/09;2,11,15,38,39/10	97029	3	7,25,32,35,37/09;20/10	97243	9	N31,N34,N37,N39,N43,N50/09;N12,N16,N43,N46/10	97483	7	32,38/09;16/10
95255	2	24,25/09	97040	5	22,30/09;1,17/10	97244	5	39/09;7/10	97521	6	49/09;20/10
95258	3	25,40/09	97041	9	1,13/10	97245	11	39/10	97564	3	34/09
95261	7	24,25,26,38/09;39/10	97042	7	22,30/09;17/10	97246	7	31/09	800113	6	N26*,N46/09;N38,N41/10
95264	9	N39/09;N39/10	97043	2	26,49/09	97251	4	31,52/09	800669	9	N26*,N34,N46/09;N7,N12,N38,N41/10
95267	6	37/09	97060	8	22,27,30/09;17/10	97261	15	31,35,36,38,50/09;1,38/10	800744	1	N3,N26,N41,N46/09
95268	16	48/09;47/10	97061	4	22/09	97262	11	N43/09;N1,N46/10	801217	1	N6,N12,N16/09
95270	5	49/09;38,47/10	97062	13	10*,22,39/09	97266	10	31,35/09;46/10	801959	2	N21/09
95271	5	N50/09*	97063	2	30/09;7/10	97267	16	N5*,N12,N38,N43,N44,N45,N46/10	802202	8	N44/10
95273	2	24,25,43/09	97064	2	22,30/09	97269	12	N39/09*	802260	6	N26*,N34/09;N7,N12/10
95274	4	24,25,26,38/09;38,39/10	97080	6	22,26/09;1,13,42/10	97270	7	N38,N47/09	803222	1	N31/09*
95276	4	46/10**	97082	6	N39/09	97271	12	31,41/09;5/10	803400	1	N40/10*
95280	10	24,26/09;17/10	97100	4	7,26,47/09;1,12,13,42/10	97272	11	27,35,41,43,52/09;7/10	803401	1	N24/10*
95281	15	42/09	97101	2	30,47/09;12/10	97273	11	27,31,41,52/09;5,7,21/10	803408	1	N47/09*
95282	8	N10/10*	97104	4	1/10	97274	19	31,40,48,52/09;2,7,11,16,38/10	803410	1	N46/09*
95284	1	N46/10*	97105	3	1,42/10	97276	2	44/09	803417	1	N24/10*
95285	3	26,48/09	97108	4	30,47/09;12/10	97277	12	26,31,35,39,41,43/09;5,7,13,20,21,37/10	803418	1	N47/09*
95300	6	34,37/09;17/10	97120	6	4,6,15,16,30,37,47/09;3/10	97278	12	31,38,43,46/09;5,13,20,21,37/10	803429	1	N31/10*
95320	15	41,45/09;11/10	97135	1	N46/10*	97279	10	N14/09*;N5,N20/10	803436	1	N47/09*
95341	9	N8*,N34,N35,N41,N42,N46,N47/09;N11,N38/10	97137	1	N46/10*	97281	3	21/10	803437	1	N40/10*
96000	5	24/09	97139	1	N46/10*	97282	4	N31/09;N20/10	803470	1	N46/09*
96004	14	14,21,24,29/09;7/10	97140	17	6,15,16,25,30,32,34,35,36,37/09;3,13,15,17,22,37/10	97285	7	41,52/09;11,38/10	803472	1	N31/10*
96020	4	45/09	97141	5	4,6,15,47/09	97286	7	34,41,47,52/09;2,38/10	803475	1	N46/09*
96024	3	5,14/10	97143	12	4,6,15,30,44,50/09;3,39/10	97287	6	34,44,47/09;11/10	803481	1	N47/09*
96028	5	1,45/10	97144	14	4,6,15,16,30,44,50/09	97300	6	30,36,38,46/09;37,39/10	803482	1	N47/09*
96032	3	41/10	97146	10	46/10**	97304	1	39/10	803486	1	N47/09*
96036	2	41/09	97148	9	4,15,38,50/09	97320	6	38,43,46/09;37,39/10	803487	1	N40/10*
96039	7	14,47/09;4,5,7,35/10	97149	21	N46/10**	97340	8	26,34/09;37/10	803491	1	N10/10*
96041	11	39,47/09;4,7,30,33,36/10	97150	13	46/10**	97342	14	34/09;37/10	803496	1	N46/09*
96042	11	17,39,47/09;10,12,25,27,28,32,33,41/10	97151	17	4,15,30/09;21,39/10	97343	12	34/09	803738	1	N40/10*
96043	8	14/09;5,7,14,30/10	97154	2	17/10	97360	6	23,24,37,46,52/09;7,14,37/10	804233	1	N31/09*
96044	10	48,51/09;14,23,30,33,36,40,46/10	97155	15	30/09;21/10	97380	7	8,9,10,14,16,17,24,25,46,47/09;2,4,5,7,14,37,39/10	804344	1	N31/09*
96060	7	5/10	97156	6	44/09;7/10	97381	7	37,46,52/09;7,14,37/10	804567	4	N40/09;N2,N5/10
96181	5	39/09;30,36/10	97159	6	25,34,37/09;13,15,22/10	97383	16	24,25,37,44,46/09;1,2,7,11,15,37/10	805118	4	N6/10*
96200	5	17,24,44,45,48/09;7/10	97163	14	52/09;22/10	97384	5	44,46/09;15/10	805576	1	N31/09*
96340	4	46/09	97166	1	52/09;13,22/10	97385	11	25,44/09;1,7,11/10	805647	2	N32,N43,N48/09;N6/10
96360	4	47/10	97167	3	25/09;37/10	97386	6	40/09	805980	4	N24,N41/09;N15,N18/10
96379	1	47/10	97180	7	N5*,N15,N38/10	97387	3	36,44/09;1,7/10	806413	1	N31/09*
96381	2	46/09	97181	20	26,30,32,36,37,46,48,50/09;2,5,12,38,42/10	97388	6	40/09	806464	1	N31/09*
96441	1	12,36/10	97182	14	N33*,N48/09;N5/10	97389	2	11/10	806675	1	N31/09*
96660	4	41/09	97183	9	30,36/09;38/10	97390	6	N13*,N14,N25,N34,N44,N47/09;N2/10	806901	1	N47/09*
96760	4	36,38,44/09	97184	16	N35/09*;N38/10	97391	27	34/09	806928	1	N40/10*
96762	4	36,38,48/09	97185	2	47/09;42/10	97392	5	17,25,34/09;4,37,39/10	806929	1	N40/10*
96763	7	36,38,45/09	97187	3	36/09	97396	14	8,9,10,14,17,25,47/09;2,4,14,37,39/10	806946	1	N46/09*
96764	3	36,44,48/09;38/10	97188	3	47,52/09;5,42/10	97397	8	N9*,N10,N14,N17/09;N4,N37/10	806952	1	N47/09*
			97189	2	30/09;38/10				806958	1	N47/09*
			97190	2	26,31,32,36,37,45,50/09;8,16,20/10				806959	1	N31/10*
									806967	1	N24/10*
									807448	2	N24,N41/09;N15/10
									808528	1	N41/09
									808568	1	N49/09;N31,N33/10
									808916	4	N6/09*

**CHARTS AFFECTED BY NOTICE TO MARINERS
NM 2/09 THROUGH NM 47/10**

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.			
809055	7	N8,N29,N32,N46/10			
809310	10	N47/09*;N46/10			
809381	1	N31/09*			
809679	2	N30/09;N22,N27,N34, N43,N44,N46/10			
809780	1	N13,N37/09			

SECTION II
NGA/DLIS CATALOG CORRECTIONS

NM 47/10

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 2					
25ACO25800 (7642014012022)	Isla Beata to Isla Saona <u>Plan: Canceled</u> Chart 25848 announced in NM 26/10 replaced Plan	300,000	3	6/95	A	47/10
	REGION 7					
<u>74ACO74518</u> (7642015366807)	<u>Aus. 357A, Bass Strait Oil Fields</u> <u>39 29 00S 146 20 00E</u> <u>39 29 00S 147 16 00E</u> <u>39 31 15S 147 16 00E</u> <u>39 31 15S 147 23 00E</u> <u>39 29 00S 147 23 00E</u> <u>39 29 00S 149 30 00E</u> <u>37 48 00S 149 30 00E</u> <u>37 48 00S 146 20 00E</u>	<u>300,000</u>	1	<u>9/83</u>	<u>AHS</u>	47/10
	MISCELLANEOUS CHARTS AND PUBLICATIONS					
DNCDX016 (7644014337966)	Bahamas/Bermuda		<u>25</u>	<u>8/10</u>	DS	47/10
LLPUB112 (7642014007537)	Western Pacific and Indian Oceans Including the Persian Gulf and Red Sea			<u>2010</u>		47/10
NOSPBCP2 (7642014008447)	<u>No. 2 Atlantic Coast: Cape Cod, MA to Sandy Hook, NJ.</u> <u>2011</u>				NOS	47/10

Price Categories effective 1 October 2010

A	21.25	E	11.00	G	6.50
D	13.25	F	11.00	H	11.00

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.

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COAST PILOT 6 (Continued)**Channels**

The dredged harbor basin is entered from the S between breakwaters that extend from the E and W sides of the entrance. An inner breakwater protects a dredged small-craft basin in the N part of the harbor. The outer ends of the entrance breakwaters and the inner breakwater are marked by lights. In 2010, the main harbor basin had depths of 14 to 16 feet, thence depths of 7 feet were available in the small-craft basin.

(LL/10; DD 18475)

47/10

SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME I ATLANTIC COAST, 2010							
(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
376	<i>UMASS North Wilkinson Basin Research Lighted Buoy A</i>						<i>Remove from list.</i>
							* 47/10
*13260.9	Parnet River Buoy 10	41 59 30 N 70 04 26 W					Private aid.
							47/10
17462	Halfmile Rock Buoy 5A	41 30 20 N 71 05 01 W				Green can.	
		*					47/10
17463	Halfmile Rock Buoy 5B	41 30 25 N 71 05 05 W				Green can.	
		*					47/10
17465	Halfmile Rock Buoy 6	41 30 15 N 71 04 53 W				Red nun.	
		*					47/10
17475	- Channel Buoy 8	41 30 28 N 71 05 03 W				Red nun.	
		*					47/10
18596	<i>Dominion Energy Temporary Lighted Research Buoy MSS1</i>						<i>Remove from list.</i>
							* 47/10
18596.1	<i>Dominion Energy Temporary Lighted Research Buoy MSS2</i>						<i>Remove from list.</i>
							* 47/10
18596.2	<i>Dominion Energy Temporary Lighted Research Buoy MSS3</i>						<i>Remove from list.</i>
							* 47/10
18596.3	<i>Dominion Energy Temporary Lighted Research Buoy MSS4</i>						<i>Remove from list.</i>
							* 47/10
18596.4	<i>Dominion Energy Temporary Lighted Research Buoy MSS5</i>						<i>Remove from list.</i>
							* 47/10
18596.5	<i>Dominion Energy Temporary Lighted Research Buoy MSS6</i>						<i>Remove from list.</i>
							* 47/10

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, 2010

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
18596.6	<i>Dominion Energy Temporary Lighted Research Buoy MSS7</i>						<i>Remove from list.</i>
							* 47/10
18596.7	<i>Dominion Energy Temporary Lighted Research Buoy MSS8</i>						<i>Remove from list.</i>
							* 47/10
19481	BLOCK ISLAND NORTH LIGHT	41 13 39 N 71 34 33 W	FI W 5s	58			Private aid.
				*			47/10
21750	Pine Island Channel Avery Point Breakwater Light 1A Marks end of breakwater.	41 18 58 N 72 03 37 W	Q G			SG on spindle.	Private aid.
		*					47/10
24335	- Channel Buoy 12						<i>Remove from list.</i>
							* 47/10
24340	- Junction Buoy						<i>Remove from list.</i>
							* 47/10
24345	- Buoy 14						<i>Remove from list.</i>
							* 47/10
24350	- Buoy 16						<i>Remove from list.</i>
							* 47/10
32845	- Buoy P13						<i>Remove from list.</i>
							* 47/10
32850	- Buoy P15	40 37 51 N 73 35 14 W				Green can.	Private aid.
		*					47/10
34961	St. George Ferry Racon	40 38 39 N 74 04 15 W					RACON: S (•••). Private aid.
							* 47/10
37001	Constable Hook Artificial Reef Daybeacon A						<i>Remove from list.</i>
							* 47/10
37002	Constable Hook Artificial Reef Daybeacon B						<i>Remove from list.</i>
							* 47/10
37003	Constable Hook Artificial Reef Daybeacon C						<i>Remove from list.</i>
							* 47/10

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SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME II ATLANTIC COAST, 2010							
(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
1685	<i>Deadman Shoal Lighted Buoy 1DS</i>	39 05 12 N 74 59 53 W	FI G 4s		3	Green.	Maintained from May 1 to Nov. 1. * 47/10
5150	PUBLIC LANDING LIGHT 1	38 09 01 N 75 16 50 W	FI G 2.5s	15	3	SG on multi-pile structure.	Light equipment removed when endangered by ice. * 47/10
5400	- <i>Lighted Buoy 29</i>	37 55 48 N 75 23 27 W	FI G 4s		4	Green.	Replaced by can when endangered by ice. * 47/10
7130	<i>Chesapeake Channel Junction Lighted Buoy CY</i> 75 feet outside channel limit.	37 06 03 N 76 07 10 W	FI (2+1) G 6s		5	Green and red bands.	 * 47/10
19142	ACADEMY OF NATURAL SCIENCE INTAKE LIGHT A LIGHT A						<i>Remove from list.</i> * 47/10
19152	ACADEMY OF NATURAL SCIENCE INTAKE LIGHT B LIGHT B	38 23 36 N 76 30 48 W	FI Y 4s	16		NY on pile.	Private aid. * 47/10
28025	<i>Oregon Inlet Lighted Buoy 12</i>	35 46 31 N 75 31 56 W	FI R 2.5s		3	Red.	 * 47/10
28027	Oregon Inlet Buoy 13	35 46 27 N 75 31 54 W				Green can.	 * 47/10
28335	Walter Slough Buoy 8	35 47 30 N 75 33 30 W				Red nun.	 * 47/10
28340	- <i>Lighted Buoy 9</i>	35 47 31 N 75 33 30 W	FI G 2.5s		3	Green.	 * * 47/10
28345	- Buoy 10	35 47 35 N 75 33 17 W				Red nun.	 * 47/10
29395	FORT MACON REACH RANGE FRONT LIGHT	34 42 44 N 76 40 40 W	Q W (Night) Q W (Day)	29 32		On skeleton tower.	Lighted throughout 24 hours. DAY: Visible 4.0° either side of rangeline. NIGHT: Visible all around; higher intensity 10.0° either side of rangeline. * 47/10

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SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME II ATLANTIC COAST, 2010							
(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
29397	FORT MACON REACH RANGE FRONT PASSING LIGHT						<i>Remove from list.</i>
							* 47/10
*31667	Albemarle Beach Outfall Warning Buoy OP	35 56 12 N 76 38 29 W				White and orange can marked "OP".	Private aid.
							47/10
39380	- Daybeacon 29	34 29 26 N 77 27 23 W				SG-SY on pile.	
		*					47/10

CORRECTIONS TO C. G. LIGHT LIST, VOLUME III ATLANTIC AND GULF COASTS, 2010							
(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
21500.1	- Daybeacon 1						<i>Remove from list.</i>
							* 47/10
21500.2	- Daybeacon 2						<i>Remove from list.</i>
							* 47/10
21500.3	- Daybeacon 3						<i>Remove from list.</i>
							* 47/10
21500.4	- Daybeacon 4						<i>Remove from list.</i>
							* 47/10
21500.5	- Daybeacon 5						<i>Remove from list.</i>
							* 47/10
21500.6	- Daybeacon 6						<i>Remove from list.</i>
							* 47/10
30885	- Lighted Buoy 7	18 26 06 N 66 06 28 W	FIG 4s			3 Green.	
		*					47/10
47823	- Buoy 6B	25 54 09 N 80 07 53 W				Red nun.	
		*					47/10

CORRECTIONS TO C. G. LIGHT LIST, VOLUME IV GULF OF MEXICO, 2010							
(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
17387	Caillou Boca Shoal Buoy 3	29 03 58 N 90 48 01 W				Green can.	
		*					47/10

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SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME IV GULF OF MEXICO, 2010							
(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
17595	- Daybeacon 43	29 15 19 N 90 47 28 W				SG on pile.	Ra ref.
		*					47/10
21550	- SABINE PASS C RANGE REAR LIGHT 1,123 yards, 323.0° from front light.	29 45 55 N 93 53 44 W	Iso R 6s (Night) Iso W 6s (Day)	70 67		KRW on skeleton tower on piles.	Lighted throughout 24 hours. Visible 1° each side of rangeline.
			*	*			* 47/10
*21550.01	RANGE C REAR LIGHT PASSING LIGHT	29 45 55 N 93 53 44 W	FI R 4s	20	3	On same structure as Sabine Pass Range C Rear Light.	
							47/10
23556	- LIGHT 94 150 feet outside the channel limit.	29 41 23 N 94 59 05 W	FI R 4s	17	4	TR on pile.	Ra ref.
		*					47/10
23987	- LIGHT 105 100 feet outside the channel limit.	29 42 30 N 95 01 18 W	FI G 4s	17	4	SG on pile.	Ra ref.
		*					47/10
27873	TEXAS A RESEARCH PLATFORM LIGHT A						<i>Remove from list.</i>
							* 47/10

CORRECTIONS TO C. G. LIGHT LIST, VOLUME VI PACIFIC COAST AND PACIFIC ISLANDS, 2010							
(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
10428	<i>Wauna Mill Water Outfall Lighted Buoy B</i>	46 10 06 N 123 24 54 W	FI Y 4s			Yellow.	Private aid.
	*						47/10
10440	<i>Wauna Mill Water Intake Lighted Buoy A</i>	46 09 09 N 123 23 50 W	FI Y 4s			Yellow.	Private aid.
	*		*			*	47/10
24112	- RANGE FRONT LIGHT	58 05 07 N 134 46 27 W	Q W	13		KRW on single pile.	Obscured from 202° to 066°.
				*			* 47/10
24113	- RANGE REAR LIGHT 398 yards, 178.4° from front light.	58 04 55 N 134 46 27 W	Iso W 6s	19		KRW on single pile.	Obscured from 194° to 125°.
	*			*			* 47/10
*27500.5	CARL E MOSES HARBOR LIGHT 1	53 52 02 N 166 33 13 W	FI G 2.5s	19	5	SG on spindle.	
							47/10

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CORRECTIONS TO C. G. LIGHT LIST, VOLUME VI PACIFIC COAST AND PACIFIC ISLANDS, 2010

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
28010	Kauhola Point Light	20 14 47 N 155 46 17 W	FI W 15s	108	24	White cylindrical concrete tower. 86	Obscured from 306° to 101°. Lighted throughout 24 hours.
		*		*			* 47/10

CORRECTIONS TO C. G. LIGHT LIST, VOLUME VII GREAT LAKES AND THE ST. LAWRENCE RIVER ABOVE THE ST. REGIS RIVER, 2010

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
20480	- Reef Light Marks east side of reef.	42 43 39 N 87 44 10 W	FI W 6s	50 15	11	On skeleton tower. 50	HORN: 1 blast ev 15s (2s bl). Operates continuously from Apr. 1 to Nov. 1.
		*					* 47/10

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SECTION II

CORRECTIONS TO PUB 110, LIST OF LIGHTS, 2010 EDITION							
(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
12560 <i>J 4847.1</i>	--Rear, 612 meters 182°54' from front.	23° 00.6' N 82° 45.5' W	Q.W.	29 9	16	White triangular daymark, black border, on wall; 23.	* * 47/10
CORRECTIONS TO PUB 111, LIST OF LIGHTS, 2010 EDITION							
(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
1100 <i>G 1954</i>	-On tower.	23° 06.5' S 70° 26.5' W	Q.R.		6	Red iron framework tower, white bands; 100.	Obstruction. Aero Radiobeacon. * * * * 47/10
*1101 <i>G 1955.1</i>	-ENAEX Terminal Range, front.	23° 05.6' S 70° 25.5' W	F.G.	72 22	4		Occasional. 47/10
*1101.5 <i>G 1955.11</i>	--Rear, 150 meters 199° from front.	23° 05.7' S 70° 25.5' W	F.R.	72 22	4		Occasional. 47/10
*1102 <i>G 1955.2</i>	-Puerto Mejillones SA Terminal Range, front.	23° 05.2' S 70° 25.0' W	F.G.	33 10	4		Occasional. 47/10
*1102.5 <i>G 1955.21</i>	--Rear, 200 meters 146° from front.	23° 05.3' S 70° 24.9' W	F.R.	66 20	4		Occasional. 47/10
*1102.6 <i>G 1955.25</i>	--On chimney.	23° 05.3' S 70° 24.7' W	FI.R. period 2s	148 45	8		47/10
*1103 <i>G 1955.3</i>	-Interacid Terminal Range, front.	23° 04.8' S 70° 23.9' W	Q.R.	62 19	4		Occasional. 47/10
*1103.5 <i>G 1955.31</i>	--Rear, 120 meters 181° from front.	23° 04.9' S 70° 23.9' W	FI.R. period 2s	79 24	4		Occasional. 47/10
*1103.6 <i>G 1955.35</i>	--E.	23° 04.9' S 70° 23.1' W	F.R.	282 86	5		47/10
*1104 <i>G 1955.4</i>	-Puerto Angamos Terminal Range, front.	23° 04.2' S 70° 23.1' W	Q.R.	98 30	4		47/10
*1104.5 <i>G 1955.41</i>	--Rear, 180 meters 130° from front.	23° 04.3' S 70° 23.0' W	F.R.	115 35	4		47/10

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CORRECTIONS TO PUB 111, LIST OF LIGHTS, 2010 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
* G 1955.54	*1105 -Range, front.	23° 04.2' S 70° 23.0' W	Q.R.	85 26	4	White metal framework tower, triangular daymark, point up, orange band; 16.	Visible 061°-210°. Private light.
							47/10
* G 1955.535	*1105.5 --Common Rear.	23° 04.2' S 70° 22.9' W	F.R.	121 37	4	White metal framework tower, triangular daymark, point down, orange band; 20.	Visible 068°-203°. Private light.
							47/10
* G 1955.53	*1105.6 -Range, front.	23° 04.1' S 70° 22.9' W	Q.R.	85 26	4	White metal framework tower, triangular daymark, point up, orange band; 16.	Visible 060°-221°. Private light.
							47/10
* G 1955.52	*1106 -N. Mole.	23° 03.9' S 70° 23.3' W	Fl.R. period 3s fl. 1s, ec. 2s	26 8	5	Red metal framework tower, red triangular daymark, point up; 13.	Visible 052°-231°. Private light.
							47/10
* G 1955.51	*1107 -S. Mole.	23° 04.0' S 70° 23.3' W	Fl.G. period 3s fl. 1s, ec. 2s	26 8	5	Green metal framework tower, square daymark; 13.	Visible 052°-231°. Private light.
							47/10
* G 1918.8	*1162.9 -Pt. Loros Range, front.	28° 28.3' S 71° 14.6' W	Fl.R.			Metal tower, white rectangular daymark, black ball; 33.	
							47/10
* G 1918.81	*1162.95 --Rear, 60 meters 143°46' from front.	28° 28.3' S 71° 14.6' W	F.G.			Metal tower, white rectangular daymark, black ball; 26.	
							47/10
* G 1745.4	*1495 Barra Rio Lingue.	39° 26.8' S 73° 13.6' W	Fl.R. period 5s fl. 0.5s, ec. 4.5s	16 5	3	Red metal pole, red triangular daymark; 13.	Visible 095°-268°.
							47/10
2444 G 1426	-Isla Contramaestre.	52° 56.7' S 70° 21.6' W	Fl.W. period 10s fl. 0.5s, ec. 9.5s	82 25	9	White round concrete tower, red band; 20.	Visible 243°-155°.
							47/10
4620 K 4014	-Somes Island.	41° 15.6' S 174° 51.8' E	L.Fl.W. period 10s fl. 4s, ec. 6s	95 29	7	White tower.	Visible 314°-107°. F.R. 2.5 miles NW. R. lights on radio tower 4.2 miles NW.
	*		*		*		*
							47/10
8272 K 2055.01	-Entrance beacon.	34° 46.8' S 138° 22.5' E	Q.W.		10	PORT (A) R, beacon, topmark.	
							47/10
15452 G 3344	Islas Negritos.						Remove from list.
							47/10

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CORRECTIONS TO PUB 111, LIST OF LIGHTS, 2010 EDITION

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15460 G 3316	Isla Herradura.	9° 38.0' N 84° 41.0' W	Fl.(4)W. period 10s	325 99	15	Skeleton steel tower; 40.	* 47/10

SUMMARY OF CORRECTIONS TO PUB 112, LIST OF LIGHTS, 2010 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
1332 M 6941	Akaiwa Saki.	44° 24.9' N 141° 17.7' E	Fl.(2)W. period 7s	450 137	7	White round concrete tower; 31.	* * 42/10
1336 M 6939	Teuri To.	44° 26.4' N 141° 19.4' E	Fl.W. period 10s	249 76	20	White round concrete tower, red bands; 49.	* * 42/10
3008 M 7180	Nanao Ko Huchu, E. breakwater.	37° 02.9' N 136° 58.3' E	Fl.R. period 3s	26 8	4	Red round metal structure; 24.	* * 47/10
3028 M 7170	Mera Ko, E. breakwater.	36° 57.0' N 137° 02.5' E	Fl.R. period 4s	39 12	3	Red round concrete tower; 31.	* * 47/10
3030 M 7169.5	Osakai Ko, breakwater.	36° 55.3' N 137° 01.8' E	Fl.(2)R. period 8s	26 8	4	Red concrete structure; 19.	* * 47/10
3032 M 7169	Unami Ko, E. breakwater.	36° 54.7' N 137° 01.4' E	Oc.R. period 4s	28 8	5	Red tower; 19.	* * 47/10
3046 M 7166.75	--Etchu Ao Ko, breakwater.	36° 53.0' N 136° 59.8' E	Iso.R. period 4s	25 8	5	Red tower; 18.	* * 47/10
3052 M 7164.5	--Kara Shima, on summit.	36° 51.9' N 136° 59.7' E	Fl.W. period 3s	66 20	8	White tower; 39.	* * 47/10
3064.1 M 7162.4	-Kokubu Passage.	36° 49.2' N 137° 04.5' E	Fl.(5)Y. period 20s	46 14	4	SPECIAL Y, beacon, topmark; 46.	* 47/10
3066 M 7162.2	-N. breakwater, SE. head.	36° 48.1' N 137° 04.5' E	Fl.(2)R. period 5s	43 13	7	Red tower; 33.	* 47/10
3076 M 7161.3	--227°54'.	36° 47.5' N 137° 04.4' E	Dir.F.W.R.G.	66 20	W. 12 R. 10 G. 10	White round concrete tower; 59.	R. 225°24'-226°24', W- 229°24', G.-230°24'. Oc.Y. 4s above main light. Emergency light W. 2M, R. 1M, G. 1M. * * 47/10

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SUMMARY OF CORRECTIONS TO PUB 112, LIST OF LIGHTS, 2010 EDITION

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3098 <i>M 7150.6</i>	-Yokata Ko.	36° 45.7' N 137° 11.6' E	Fl.R. period 3s	36 11	3	Red tower; 28.	
	*	*	*	*	*	*	47/10
3116 <i>M 7147</i>	-Mizuhashi Ko, W. training wall.	36° 45.5' N 137° 18.0' E	Fl.G. period 3s	39 12	7	White round concrete tower; 32.	
		*			*	*	47/10
3128 <i>M 7144.5</i>	--S. auxiliary breakwater, head.	36° 48.5' N 137° 23.5' E	Fl.(2)R. period 5s	39 12	3	Red tower; 31.	
		*	*		*	*	47/10
3148 <i>M 7137</i>	-Ikuji Hana.	36° 53.9' N 137° 24.7' E	Fl.W. period 10s	108 33	16	White round concrete tower, black bands; 98.	Visible 334°-203°.
	*	*		*		*	47/10
3152 <i>M 7136.9</i>	Nyuzen Ko.	36° 55.5' N 137° 25.6' E	Fl.G. period 3s	56 17	9	White round concrete tower; 32.	
		*			*		47/10
3156 <i>M 7136.7</i>	Miyazaki Hana.	36° 58.3' N 137° 35.2' E	Fl.(2)W. period 11s	354 108	12	White round concrete tower; 49.	
	*	*			*	*	47/10
4652 <i>M 6499</i>	Nakoso Ko.	36° 51.7' N 140° 47.6' E	Fl.G. period 5s	43 13	3	White round concrete tower; 30.	
		*			*	*	42/10
5874 <i>M 6208</i>	Toyohashi Ko, SW. end of detached breakwater.	34° 44.3' N 137° 16.2' E	Fl.G. period 5s	56 17	5	White tower; 52.	
		*			*		42/10
5972 <i>M 6163.4</i>	-Kinuura Ko, E. breakwater, W. head.	34° 49.1' N 136° 56.6' E	Fl.(2)R. period 6s	66 20	5	Red round metal tower; 66.	
		*			*	*	42/10
6209 <i>M 6093.6</i>	-Outer breakwater, N. head.	34° 49.5' N 136° 35.8' E	Fl.G. period 3s	39 12	3	White tower; 30.	
		*			*	*	42/10
6210 <i>M 6093.5</i>	--S. head.	34° 49.5' N 136° 35.6' E	Fl.R. period 3s	43 13	3	Red tower; 31.	
	*	*			*	*	42/10
8472 <i>M 5720</i>	Tyodayu.	34° 22.4' N 133° 08.3' E	Q.W.	30 9	3	N. CARDINAL BY, beacon, topmark; 22.	
					*		43/10
8480 <i>M 5718</i>	Sagi Shima.	34° 21.6' N 133° 07.0' E	Oc.W. period 8s lt. 6s, ec. 2s	89 27	4	White tower; 21.	
	*		*		*	*	43/10

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SUMMARY OF CORRECTIONS TO PUB 112, LIST OF LIGHTS, 2010 EDITION

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8564 M 5476	Hakata Ko, E. breakwater, head.	34° 12.3' N 133° 07.3' E	Fl.G. period 5s fl. 1s, ec. 4s	36 11	5	White tower; 28.	
			*		*	*	46/10
8568 M 5477	Mutsu Se.	34° 11.7' N 133° 07.8' E	Q.(3)W. period 10s	36 11	5	E. CARDINAL BYB, beacon, topmark; 26.	
	*				*	*	46/10
8687 M 5470.6	Nyukawa Ko, N. breakwater, W. head.	33° 57.3' N 133° 06.7' E	Fl.(3)G. period 12s	43 13	5	White tower; 28.	
	*	*			*		46/10
8688 M 5470.5	-W. breakwater, head.	33° 57.4' N 133° 06.6' E	Fl.(3)R. period 12s	43 13	7	Red tower; 31.	
	*	*	*	*	*	*	46/10
8692 M 5470	Higi Shima.	34° 03.5' N 133° 05.9' E	Fl.W. period 3s	233 71	8	White round concrete tower; 46.	
	*	*			*	*	46/10
8700 M 5467	Imabari Ko, E. breakwater, head.	34° 04.5' N 133° 00.3' E	Iso.G. period 6s	59 18	11	White tower; 62.	
		*			*	*	46/10
8708 M 5468.5	-Breakwater, head.	34° 03.9' N 133° 01.2' E	Fl.G. period 4s	52 16	10	White tower; 46.	
*		*			*	*	46/10
8712 M 5464	Ryujin Shima.	34° 06.3' N 133° 01.6' E	Fl.W. period 3s	49 15	7	White round concrete tower; 28.	
	*	*		*	*	*	46/10
8716 M 5456	Hinai Hana Range, front.	34° 07.7' N 133° 00.9' E	Oc.W. period 5s lt. 3s, ec. 2s	128 39	11	White tower; 25.	
	*	*	*		*	*	46/10
8720 M 5456.1	-Rear, about 50 meters 122° from front.	34° 07.7' N 133° 00.9' E	Oc.W. period 5s lt. 3s, ec. 2s	151 46	11	White tower; 31.	
	*	*	*		*	*	46/10
14093 F 2778.5	Gata.	13° 54.8' N 123° 48.8' E	Fl.(3)W. period 15s				
			*				47/10
14148 F 2488	San Bernardino Island.	12° 45.2' N 124° 17.0' E	Fl.W. period 10s fl. 0.2s, ec. 9.8s	207 63	17	White concrete tower; 39.	
				*			47/10

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SUMMARY OF CORRECTIONS TO PUB 112, LIST OF LIGHTS, 2010 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
14434 <i>F 2713</i>	Apatot.	17° 19.9' N 120° 27.6' E	Iso.R. period 5s	32 10			
			*				47/10
*14467 <i>F 2554.5</i>	Tuntung Point.	13° 09.2' N 121° 26.4' E	Fl.(2)W. period 5s	10 3		Metal pipe on white platform; 10.	
							45/10
*14498.5 <i>F 2287.4</i>	Dinago Point.	11° 50.3' N 121° 25.0' E	Fl.W. period 5s				46/10
14499 <i>F 2287.2</i>	Malaqui Island.	11° 51.7' N 121° 17.5' E	Fl.W. period 7s		10	White metal and fiberglass tower; 33.	
			*			*	44/10
*14582 <i>F 2525</i>	Guinawayan.	12° 17.6' N 121° 55.6' E	Fl.W. period 7s				47/10
14592 <i>F 2527.6</i>	Cabalian Point.	12° 06.1' N 122° 00.8' E	Fl.W. period 5s	122 37	9	Concrete mast; 30.	Visible 238°-144°.
			*		*	*	44/10
14596 <i>F 2512</i>	Cauit Point.	12° 16.1' N 122° 38.0' E	Fl.(2)W. period 5s	33 10	16	White concrete tower; 33.	
			*			*	44/10
14602 <i>F 2503</i>	Aguja Point.	12° 41.8' N 123° 23.0' E	Fl.(3)W. period 10s			White fiberglass tower.	
			*			*	46/10
*14727 <i>F 2336.5</i>	Libertad.	11° 46.1' N 121° 54.9' E	Fl.W. period 5s	49 15	7		
							46/10
*14727.5 <i>F 2336.8</i>	Nasag Point.	11° 54.0' N 121° 53.1' E	Fl.W. period 5s				46/10
*14826 <i>F 2401</i>	Tilhaon.	10° 21.2' N 124° 00.2' E	F.W.	66 20	7		44/10
14828 <i>F 2400</i>	-Bantolinao Point, reef, edge.	10° 20.1' N 123° 59.2' E	Fl.G. period 5s	30 9	11	White concrete tower; 30.	Visible 060°-294°.
					*		45/10
15052 <i>F 2282</i>	Tagolo Point.	8° 43.7' N 123° 22.7' E	Fl.W. period 10s	109 33	15	White concrete house; 26.	Visible 002°-265°.
			*			*	46/10
15584.4 <i>M 7985.5</i>	Ulyanovka.						<i>Remove from list.</i>
						*	47/10

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

SUMMARY OF CORRECTIONS TO PUB 112, LIST OF LIGHTS, 2010 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
16548 <i>M 4440</i>	Dokto.	37° 14.4' N 131° 52.2' E	Fl.W. period 10s	341 104	25	White round concrete tower; 49.	Obscured 117°-140°. Radar reflector.
	RACON		K(- • -)		10		
	*	*					* 44/10
16782 <i>M 4351.4</i>	Kojin-mal, breakwater, W. head.	35° 02.9' N 128° 47.2' E	Fl.R. period 4s	128 39	11	Red square concrete tower; 89.	
	*		*	*	*	*	* 42/10
16782.1 <i>M 4351.5</i>	--E. head.	35° 02.9' N 128° 47.6' E	Fl.Y. period 6s	75 23	10	Yellow octagonal concrete tower; 69.	
	*	*		*	*	*	* 42/10
16783 <i>M 4351.3</i>	Yondo, breakwater.	35° 03.5' N 128° 46.7' E	Fl.G. period 4s	112 34	12	White square concrete tower; 62.	
	*		*	*	*	*	* 42/10
*17218.2 <i>M 4305.43</i>	Chuk-to.	34° 45.0' N 127° 26.9' E	Fl.(2)W. period 5s	36 11	8	ISOLATED DANGER BRB, beacon, topmark; 36.	
							* 45/10
*17230.2 <i>M 4298.55</i>	Gamdeungseo.	34° 30.3' N 127° 14.3' E	Fl.(2)W. period 5s	46 14	8	ISOLATED DANGER BRB, beacon, topmark; 33.	
							* 45/10
17382 <i>M 4267.5</i>	--Outer port, E. breakwater, head.	33° 31.8' N 126° 32.5' E	Fl.G. period 5s	46 14	9	White round concrete tower; 59.	
		*		*		*	* 45/10
17612 <i>M 4237</i>	Changdo.	34° 37.4' N 126° 13.3' E	Fl.W. period 6s	102 31	8	White round concrete tower; 30.	
	RACON		M(- -)		10		
	*	*	*		*	*	* 45/10
17621 <i>M 4216.9</i>	Pulmugi-do.	34° 45.6' N 126° 13.4' E	Fl.W. period 5s	105 32	15	White square concrete tower; 36.	
	RACON		Z(- - • •)		10		
	*		*		*	*	* 45/10
21686 <i>F 1680</i>	Pulo Merambong, W. entrance to Johore Strait.	1° 18.9' N 103° 36.6' E	Fl.W. period 5s fl. 0.3s, ec. 4.7s	75 23	10	White round tower.	Visible 165°-083°.
				*	*	*	* 46/10
27020 <i>F 0964</i>	Vakalapudi.	17° 00.8' N 82° 17.1' E	Fl.(3)W. period 15s	177 54	22	White masonry tower, red bands; 148.	
	RACON		G(- - •)				
	*		*	*	*	*	* 47/10
*27134 <i>F 0918</i>	Pumpukar.	11° 08.6' N 79° 51.3' E	Fl.(4)W. period 15s	108 33	20	Tower; 98.	
							* 47/10

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SECTION II

SUMMARY OF CORRECTIONS TO PUB 112, LIST OF LIGHTS, 2010 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
*27139 F 0914.531	Karaikal Port, N. breakwater.	10° 50.5' N 79° 51.4' E	Fl.(2)G. period 5s	30 9	7	Concrete structure; 10.	44/10
*27139.1 F 0914.53	-S. breakwater.	10° 50.2' N 79° 51.4' E	Fl.(2)R. period 5s	30 9	7	Concrete structure; 10.	44/10
*27148 F 0901.9	Mallipatnam.	10° 16.3' N 79° 18.9' E	Fl.W. period 5s	157 48	22	Tower; 148.	44/10
27636 F 0689	Beypore.	11° 09.5' N 75° 48.3' E	Fl.(2)W. period 15s	105 32	24	White octagonal concrete tower, red bands; 98.	Storm signal.
	RACON		G(- - •)				*
	*	*	*				45/10
*27850 F 0583	Pawas Point.	16° 53.6' N 73° 16.7' E	Fl.W. period 2s	26 8	4	White metal tower, red bands.	46/10
28128 F 0470	-Luhara Point, N. side of Narbada River entrance.	21° 39.5' N 72° 32.9' E	Fl.W. period 15s	92 28	11	White metal tower, red spiral; 79.	
	-RACON		D(- • •)				*
	*	*	*	*		*	46/10
*28130 F 0469.5	-Luhara, GCPTCL terminal control light.	21° 41.5' N 72° 30.5' E	Fl.R. period 5s	115 35	10	Control tower.	46/10
28224 F 0433	-Range, front.						Remove from list.
							*
28228 F 0433.1	--Rear, 120 meters 322°09' from front.						Remove from list.
							*
28244 F 0426	-Nawabandar.	20° 44.4' N 71° 04.8' E	Fl.(4)W. period 12s fl. 0.8s, ec. 1s fl. 0.8s, ec. 1s fl. 0.8s, ec. 1s fl. 0.8s, ec. 5.8s	89 27	16	White round tower; 49.	Storm signals.
	*		*	*	*	*	*
							46/10

CORRECTIONS TO PUB 113, LIST OF LIGHTS, 2010 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
19476 E 5803	-E. mole, head.	41° 18.5' N 36° 21.1' E	Fl.R. period 5s fl. 1s, ec. 4s	46 14	10	Concrete tower; 39.	47/10
			*				47/10

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SECTION II

CORRECTIONS TO PUB 113, LIST OF LIGHTS, 2010 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
*19706 E 4591.5	-Burhaniye Oren, W. breakwater, head.	39° 29.2' N 26° 55.6' E	Fl.G. period 3s				
							47/10
20356 E 4763.5	-Nisis Plati, summit.	35° 21.7' N 26° 49.4' E	Fl.(2)W. period 15s fl. 0.1s, ec. 4.9s fl. 0.1s, ec. 9.9s	118 36	18	White round hut.	
	*		*	*	*		47/10

CORRECTIONS TO PUB 114, LIST OF LIGHTS, 2010 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
5704 A 5311	-Pennar Range, front.	51° 41.6' N 4° 58.2' W	Q.W.	24 7	8	Pile, black triangular daymark, point up, white stripe.	
					*		47/10
9930 B 0867.3	-MH6.						<i>Remove from list.</i>
							* 47/10
9931 B 0867.2	-MH8.						<i>Remove from list.</i>
							* 47/10

CORRECTIONS TO PUB 115, LIST OF LIGHTS, 2010 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
372 B 2354	-Filtvet.	59° 34.0' N 10° 38.0' E	Oc.(2)W.R.G. period 8s	43 13	W. 11 R. 9 G. 8	Column; 46. Floodlit.	R. 174°54'-183°, W.-337°24', G.-007°54', W.-024°, R.- 031°18', obsc.-174°54'. Shown Jan. 1 to Oct. 6.
					*	*	* 47/10

CORRECTIONS TO PUB 116, LIST OF LIGHTS, 2010 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
3516 C 1440	Darsser Ort.	54° 28.5' N 12° 30.3' E	Fl.(2+4)W. period 22s	108 33	23	Red round stone tower brown dome; 115.	
					*		47/10
4508 C 2142	Mon.	54° 57.0' N 12° 32.0' E	Fl.(4)W. period 30s fl. 0.5s, ec. 4.5s fl. 0.5s, ec. 4.5s fl. 0.5s, ec. 4.5s fl. 0.5s, ec. 14.5s	82 25	21	Square yellow tower; 43.	Visible 214°-071° and in Hjelm Bay.
			*		*		47/10
5864 C 2588	-Der Dornbusch.	54° 36.2' N 13° 07.4' E	Fl.W.R. period 10s	312 95	W. 25 R. 20	White tower, red roof; 92.	R. 023°-053°, W.-023°.
			*		*	*	47/10

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SECTION II

CORRECTIONS TO PUB 116, LIST OF LIGHTS, 2010 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
5924 <i>C 2604</i>	-Entrance Range, front.	54° 30.0' N 13° 38.0' E	Oc.(2)R. period 10s lt. 2s, ec. 1s lt. 6s, ec. 1s	36 11	9	On W. molehead light structure.	Leads into port until abeam E. Mole light.
			*				47/10
5928 <i>C 2604.1</i>	--Rear, on quay 300 meters 007°30' from front.	54° 30.8' N 13° 38.3' E	Oc.(2)R. period 10s lt. 2s, ec. 1s lt. 6s, ec. 1s	46 14	9	Gray lattice beacon, white triangle daymark, red border, point down.	Synchronized with front.
			*	*			* 47/10

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PUBLICATIONS AFFECTED BY NOTICE TO MARINERS
THROUGH NM 47/10

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

NGA Reference No.	Ed.	Notice to Mariners No.	NGA Reference No.	Ed.	Notice to Mariners No.	NGA Reference No.	Ed.	Notice to Mariners No.
NGA/DLIS CATALOGS CATCDLIMDIS			Region 6			NGA LIST OF LIGHTS		
Region 1	2005	11*,12,13,14,15,16,18,21,22,23,24,25,26,27,28,29,31,32,33,34,35,36,38,39,40,41,42,43,45,46,47,48,49,50,51,53/05:2,3,4,5,6,8,9,10,11,12,14,15,16,17,19,20,21,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,45,46,48,49,50,51,52/06:1,3,4,6,7,8,10,11,12,13,14,17,19,20,22,23,24,25,26,30,31,32,33,34,36,37,38,40,41,43,44,45,46,47,49,50,51,52/07:1,5,6,7,8,11,12,13,15,16,17,18,19,20,21,22,23,24,25,27,28,30,31,32,33,34,36,37,38,38,39,40,41,42,43,44,46,47,48,50,51/08:1,3,6,7,8,9,10,11,13,14,15,17,19,22,23,24,25,26,27,28,29,30,31,32,34,35,37,39,40,41,42,44,46,47,48,50,51/08:1,3,6,7,8,9,10,11,13,14,15,17,19,22,23,24,25,26,27,28,29,30,31,32,34,35,37,39,40,41,42,44,46,47,48,50,51/09:1,3,4,5,9,10,11,12,15,17,18,19,23,24,26,27,28,31,32,34,35,37,38,40,41,43,44,46/10	Region 7	2005	11*,18,23,28,43,46,52/05:5,7,10,12,14,16,25,30,35,36,40,41,42,43,45,50/06:3,6,7,10,12,20,28,30,35,39,41,42,50/07:3,7,8,11,13,15,20,22,32,34,37,43,45,46/08:7,8,14,16,18,23,38,41,48/09:10,19,28,32,46/10	LLPUB110	2010	22*,23,24,25,26,27,28,30,32,33,34,36,37,38,39,40,41,42,44,45,46,47/10
Region 2	2005	11*,25,41/05:8,12,13,14,20,23,25,26,27,29,31,37,39,42/06:3,10,12,13,21,24,32,34,51/07:21,31,34,45,48,49/08:1,3,7,23,25,30,31,39,41,48,50/09:6,8,10,11,16,17,19,24,26,27,28,30,32,35,37,38,40,43,46,47/10	Region 8	2005	11*,14,43,47,52/05:11*,14,43,47,52/05:12,14,15,17,18,19,20,21,25,27,35,42,45,46,47,48,49,52/06:3,4,8,9,10,11,12,13,14,15,16,17,18,19,20,23,30,34,35,36,39,42,50/07:1,7,10,16,17,20,22,25,26,37,42,43,48/08:1,8,10,11,12,13,14,20,22,41,43/09:17,22,36,39,41,42,44,45,46,47/10	LLPUB111	2010	37*,38,39,40,41,45,46,47/10
Region 3	2005	11*,12,13,14,16,17,19,23,24,25,27,31,32,34,35,37,40,45,46,47,51/05:4,5,8,12,15,17,18,20,21,22,23,25,26,27,29,30,32,40,42,43,47,52/06:2,3,4,5,6,7,9,11,12,13,14,20,21,24,27,28,29,30,37,38,42,44/07:6,7,8,10,16,21,25,26,27,31,32,33,36,37,38,46,49,52/08:4,5,16,20,22,25,33,34,39,40,41,42,43/09:6,7,12,13,18,22,26,31,37,39,46/10	Region 9	2005	11*,23,53/05:15,16,25,32,35,39,52/06:10,20,23,39,40,41/07:8,21,36,39,49,51/08:5,7,14/09:19,22,24,32,37,42/10	LLPUB112	2010	47/10*
Region 4	2005	11/05*:20,43/07:17,20,25,43,45/08:5,26,29,35,39,42,43,44,45,49/09:5,11,12,18,19,27,30,32,44/10	Miscellaneous Charts and Publications	2005	11*,43,47,52/05:2,4,5,8,21,22,25,27,29,32,39,40,42,45/06:3,4,7,10,13,21,22,28,29,34,38,40,41,50/07:3,7,8,10,17,19,20,24,25,32,33,34,36,38,43,45,48,49/08:1,5,8,9,10,13,14,18,24,25,30,33,34,35,39,43,44,48,50/09:5,10,12,19,32,38,44,46/10	LLPUB113	2010	44*,45,47/10
Region 5	2005	11*,14,18,20,22,23,28,36,41,43,45,49/05:4,5,7,9,10,12,14,27,32,45/06:3,20,23,25,28,30,31,41/07:8,13,17,20,22,25,29,31,33,36,38,40,51/08:1,5,6,7,8,9,10,11,12,16,18,19,24,25,30,31,38,39,41,44,48,50/09:5,10,11,16,17,18,22,26,27,28,32,37,38,39,46/10				LLPUB114	2010	27*,32,34,36,37,38,40,41,45,47/10
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						LLPUB116	2010	31*,32,33,34,36,37,39,41,42,43,44,45,46,47/10
						SAILING DIRECTIONS		
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						PUB123	2009	50/09*
						PUB124	2010	25/10*
						PUB125	2010	22/10*
						PUB126	2010	42/10*
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						PUB183	2009	17/09*
						PUB191	2010	43/10*
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						PUB193	2010	37/10*
						PUB194	2009	52/09*
						PUB195	2008	45/08*
						PUB200	2009	8/09*
						USCG LIGHT LIST VOLUMES I - VII		
						COMDTM165021	2010	12*,13,14,15,16,17,18,19,20,21,22,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47/10
						COMDTM165022	2010	12*,13,14,15,16,17,18,19,20,21,22,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,40,41,42,43,44,45,46,47/10
						COMDTM165023	2010	12*,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,40,41,42,43,44,45,46,47/10
						COMDTM165024	2010	21*,22,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47/10
						COMDTM165025	2010	17/10*

**PUBLICATIONS AFFECTED BY NOTICE TO MARINERS
THROUGH NM 47/10**

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NGA Reference No.	Ed.	Notice to Mariners No.	NGA Reference No.	Ed.	Notice to Mariners No.
COMDTM165026	2010	12*,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47/10	CHART NO. 1 WOBZC1	1997	18/98*
COMDTM165027	2010	21*,22,24,26,27,28,29,30,31,32,33,34,35,37,38,40,41,42,43,44,45,46,47/10	CHART NO. 4 WOBZC4	1988	N23/91*
DIGITAL PUBLS - QUARTERLY CDPUBQTLY	2010	N45/10*	ATLAS OF PILOT CHARTS NVPUB106	2002	42/03*
FLEET GUIDES PUBFGATL	2010	N35/10*	NVPUB107	1998	30/99*
PUBFGPAC	2010	N35/10*	NVPUB109	2001	49/02*
NOS MISCELLANEOUS PUBLICATIONS NOSPBCATALOGA	2009	27/09*	USCG NAVIGATION RULES COMDTM166722D	1999	44/99*;52/00;16/04
NOSPBCATALOGG	2009	9/09*	NOS TIDE TABLES NOSPBTTTCWPACIN0	2010	N51/09*
NOSPBCATALOGK	2009	31/09*	NOSPBTTTECSTNSA0	2010	N51/09*
NOSPBCATALOGL	2009	19/09*	NOSPBTTTEURAFR0	2010	N51/09*
NOSPBCATALOGP	2009	17/09*	NOSPBTTWCSTNSA0	2010	N51/09*
ALMANACS AIRALMANAC111	2011	30/10*	TIDAL CURRENT TABLES NOSPBTTCTATCSTN0	2010	N51/09*
NAUTALMANAC11	2011	26/10*	NOSPBTTCTPACAS0	2010	N51/09*
COAST PILOT NOSPBCP1	40	19*:21,24,31,34,35,37,38,40,45/10			
NOSPBCP2	40	47/10*			
NOSPBCP3	43	8*:9,12,14,18,23,34,37,38,39,45/10			
NOSPBCP4	42	40*:42,45/10			
NOSPBCP5	38	25*:26,31,34,36,37,39,42,45/10			
NOSPBCP6	40	15*:17,22,23,24,25,27,31,35,37,38,46,47/10			
NOSPBCP7	42	3*:5,9,13,15,16,17,21,22,23,24,26,27,31,34,35,36,37,38,39,41,42,45/10			
NOSPBCP8	32	31*:32,34,37,45/10			
NOSPBCP9	28	37*:38,45/10			
RADIO NAVIGATIONAL AIDS PUB117	2005	4/05*			
AMERICAN PRACTICAL NAVIGATOR NVPUB9	2002	36/02*;14,38/03;40/05			
INTERNATIONAL CODE OF SIGNALS PUB102	2003	20/03*			
WORLD PORT INDEX PUB150	2010	36/10*			
DISTANCES BETWEEN PORTS NVPUB151	2001	4/02*			
RADAR NAVIGATION AND MANEUVERING BOARD MANUAL CDPUBNV1310	2001	51/01*			
SIGHT REDUCTION TABLES (MARINE) SRPUB229V1	1970	11/71*			
SRPUB229V2	1970	11/71*			
SRPUB229V3	1970	7/71*			
SRPUB229V4	1970	3/71*			
SRPUB229V5	1970	3/71*			
SRPUB229V6	1970	23/70*			
SIGHT REDUCTION TABLES (AIR) SRPUB249V1	2007	38/07*			
SRPUB249V2	1952	46/52*			
SRPUB249V3	1952	46/52*			

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 101200Z November 2010:

2009 series	345(24)	395(11)	437(28)	457(GEN)
70(24)	354(11)	427(38)	441(28)	460(GEN)
2010 series	373(11)	431(24)	454(11,26)	461(25)

The summary of all NAVAREA IV messages in force as of 17 December 2009 is given in Section III of NM 52/09. Warnings issued during the subsequent quarters are issued in NM 13/10, 26/10 and 39/10.

NAVAREA IV WARNINGS issued from 041200Z to 101200Z November 2010.

456/10. CANCELED.

457/10(GEN).

1. NAVAREA IV MESSAGES IN FORCE 060900Z NOV 10. ONLY THOSE MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.
2010 SERIES: 427(38), 431(24), 437(28), 441(28),
454(11,26), 456(11,26).
2. THE SUMMARY OF ALL NAVAREA IV MESSAGES IN FORCE AS OF 17 DEC 09 IS GIVEN IN SEC III OF NM 52/09. WARNINGS ISSUED DURING THE SUBSEQUENT QUARTERS ARE SUMMARIZED IN NM 13/10, 26/10 AND 39/10.
3. CANCEL NAVAREA IV 449/10.

(060922Z NOV 2010)

458/10 and 459/10. CANCELED.

460/10(GEN).

- MARITIME SAFETY INFORMATION DIVISION WEBSITE.
1. NGA MARITIME SAFETY INFORMATION DIVISION WEBSITE UNUSABLE 131300Z TO 132100Z NOV. FOR URGENT SERVICE, CONTACT NGA NAVSAFETY, DSN: 287 3147, COMM: 800 362 6289 OR 301 227 3147, E-MAIL: NAVSAFETY@NGA.MIL OR MSG TO NGA NAVSAFETY BETHESDA MD.
 2. CANCEL THIS MSG 132200Z NOV.

(091655Z NOV 2010)

461/10(25).

- PUERTO RICO-NORTHWEST COAST.
NGA CHART 25640 (42ND ED).
ISABELA DGPS STATION 18-28.0N 067-04.3W UNRELIABLE.

(092331Z NOV 2010)

SECTION III

NM 47/10

HYDROLANTS

Messages in force 101200Z November 2010:

2008 series	452(37)	1796(57)	1947(37)	2086(12)	2122(24)
1354(24)	471(35)	1835(37)	1952(26)	2092(24)	2123(24)
1463(24)	590(37)	1842(36)	1953(11,12)	2096(56)	2125(51)
1852(37)	642(35)	1851(24)	1965(52,53,56)	2099(36,51)	2126(24)
1917(24)	845(24)	1878(24)	1977(37)	2103(24)	2127(37)
2009 series	914(37)	1879(51)	1984(54,56)	2104(37)	2129(55)
413(24)	996(24)	1882(51)	1985(23)	2105(56)	2132(24)
1321(51)	1079(24)	1894(37)	1987(55)	2107(24)	2134(37)
2024(36)	1232(24)	1903(51)	2003(51)	2108(24)	2136(55)
2026(24)	1426(52)	1907(37)	2013(57)	2109(24)	2137(56)
2529(52)	1429(56)	1908(24)	2020(56)	2110(37)	2138(GEN)
2530(54)	1456(51)	1921(35,36)	2021(24)	2111(57)	2139(37)
2531(54)	1473(37,43)	1925(25)	2026(11)	2113(51)	2140(36,37)
2532(54)	1636(24)	1928(36)	2039(54)	2114(24)	
2010 series	1642(37)	1931(14,51)	2053(24)	2115(24)	
58(56)	1724(35)	1933(12)	2061(51)	2116(24)	
103(24)	1741(35)	1936(57)	2064(37)	2117(GEN)	
392(37)	1745(51,52)	1941(51)	2081(37)	2120(24)	

The summary of all HYDROLANTS in force as of 17 December 2009 is given in Section III of NM 52/09. Warnings issued during the subsequent quarters are issued in NM 13/10, 26/10 and 39/10.

HYDROLANT WARNINGS issued from 041200Z to 101200Z November 2010.

2103/10(24).

BRAZIL-NORTHEAST COAST.
GUNNERY.

1. GUNNERY EXERCISES 091100Z TO 091800Z AND 121100Z TO 121800Z NOV WITHIN FIVE MILES OF 05-40S 034-50W.
2. CANCEL THIS MSG 121900Z NOV.

(041156Z NOV 2010)

2104/10(37).

BAY OF BISCAY.

DISTRESS SIGNAL RECEIVED FROM 46 FOOT S/V JELORGE 5 IN 46-06N 004-52W. 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.

(041318Z NOV 2010)

2105/10(56).

EASTERN MEDITERRANEAN SEA.
EGYPT.

1. SEISMIC SURVEY 06 NOV THRU 15 DEC BY M/V GECO EAGLE TOWING 12 7500 METER LONG CABLES IN AREA BETWEEN 31-41.0N 32-17.0N AND 031-54.0E 032-51.5E. SIX MILE BERTH REQUESTED.
2. CANCEL HYDROLANT 1393/10.
3. CANCEL THIS MSG 16 DEC 10.

(041332Z NOV 2010)

2106/10. CANCELED.

2107/10(24).

BRAZIL-NORTHEAST COAST.
GUNNERY.

1. GUNNERY EXERCISES 100900Z TO 102100Z NOV IN AREA BETWEEN 02-05S 02-15S AND 041-00W 041-40W.
2. CANCEL THIS MSG 102200Z NOV.

(042347Z NOV 2010)

2108/10(24).

BRAZIL-SOUTH COAST.
GUNNERY.

1. GUNNERY EXERCISES 101500Z TO 101900Z NOV IN AREA BOUND BY 32-41.3S 052-07.8W, 32-34.3S 051-46.1W, 33-00.8S 051-35.7W, 33-08.1S 051-59.8W.
2. CANCEL THIS MSG 102000Z NOV.

(050006Z NOV 2010)

- 2109/10(24).
 BRAZIL-SOUTH COAST.
 GUNNERY.
 1. GUNNERY EXERCISES 102130Z TO 110030Z NOV
 IN AREA BOUND BY
 33-08.1S 051-58.8W, 33-22.1S 051-46.9W,
 33-37.9S 052-09.9W, 33-22.9S 052-21.6W.
 2. CANCEL THIS MSG 110130Z NOV. (050023Z NOV 2010)
- 2110/10(37).
 SOUTHERN NORTH SEA.
 NGA CHART 37057 (2ND ED).
 PLATFORM 49/17 53-26.4N 002-23.6E UNLIT. (050427Z NOV 2010)
- 2111/10(57).
 GULF OF GUINEA.
 1. SEISMIC SURVEY IN PROGRESS UNTIL 232359Z DEC
 BY M/V RAMFORM VIKING TOWING 12
 6500 METER LONG CABLES
 IN AREA BETWEEN
 03-22.0N 02-23.5N AND 009-11.0E 008-43.5E.
 WIDE BERTH REQUESTED.
 2. CANCEL THIS MSG 240059Z DEC. (051201Z NOV 2010)
- 2112/10. CANCELED.
- 2113/10(51).
 EASTERN NORTH ATLANTIC.
 MOROCCO.
 HAZARDOUS OPERATIONS.
 1. HAZARDOUS OPERATIONS 0700Z TO 1800Z DAILY
 07 THRU 15 NOV IN AREA BOUND BY
 28-46.5N 010-48.5W, 29-18.0N 011-06.0W,
 29-08.0N 011-28.0W, 28-42.8N 010-56.7W.
 2. CANCEL THIS MSG 151900Z NOV. (051850Z NOV 2010)
- 2114/10(24).
 BRAZIL-SOUTHEAST COAST.
 1. SEISMIC SURVEY IN PROGRESS UNTIL 120159Z NOV
 BY M/V WESTERN NEPTUNE TOWING 12 3.5 MILE
 LONG CABLES AND M/V GECO DIAMOND TOWING
 250 METER LONG CABLE IN AREA BOUND BY
 22-24.5S 040-39.3W, 22-42.2S 040-10.0W,
 23-06.9S 040-27.6W, 22-49.0S 040-57.0W.
 SIX MILE BERTH REQUESTED.
 2. CANCEL THIS MSG 120259Z NOV. (060109Z NOV 2010)
- 2115/10(24).
 BRAZIL-SOUTHEAST COAST.
 1. SEISMIC SURVEY IN PROGRESS UNTIL 120159Z NOV
 BY M/V RAMFORM SOVEREING TOWING 14
 8100 METER LONG CABLES IN AREA BOUND BY
 23-26.22S 041-41.85W, 23-11.87S 041-32.57W,
 23-11.10S 041-17.27W, 23-32.25S 040-39.73W,
 23-53.07S 040-53.15W.
 SIX MILE BERTH REQUESTED.
 2. CANCEL THIS MSG 120259Z NOV. (060115Z NOV 2010)
- 2116/10(24).
 BRAZIL-SOUTH COAST.
 1. SEISMIC SURVEY IN PROGRESS UNTIL 120159Z NOV
 BY M/V VERITAS VANTAGE TOWING EIGHT
 7000 METER LONG CABLES IN AREA BETWEEN
 24-34S 25-34S AND 042-37W 044-39W.
 SIX MILE BERTH REQUESTED.
 2. CANCEL THIS MSG 120259Z NOV. (060121Z NOV 2010)
- 2117/10(GEN).
 1. HYDROLANT MESSAGES IN FORCE 060800Z NOV 10. ONLY THOSE
 MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.
 2010 SERIES: 1835(37), 1842(36), 1851(24), 1878(24), 1879(51),
 1882(51), 1894(37), 1903(51), 1907(37), 1908(24), 1921(35,36),
 1925(25), 1928(36), 1931(14,51), 1933(12), 1936(57), 1941(51),

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- 1947(37), 1952(26), 1953(11,12), 1965(52,53,56), 1977(37),
1984(54,56), 1985(23), 1987(55), 2003(51), 2013(57), 2020(56),
2021(24), 2026(11), 2027(37,44), 2039(54), 2053(24), 2061(51),
2064(37), 2081(37), 2086(12), 2092(24), 2094(37), 2096(56),
2099(36,51), 2100(37), 2103(24), 2104(37), 2105(56), 2107(24),
2108(24), 2109(24), 2110(37), 2111(57), 2112(36,37), 2113(51),
2114(24), 2115(24), 2116(24).
2. THE SUMMARY OF ALL HYDROLANT MESSAGES IN FORCE AS OF 17 DEC 09
IS GIVEN IN SEC III OF NM 52/09. WARNINGS ISSUED DURING THE
SUBSEQUENT QUARTERS ARE SUMMARIZED IN NM 13/10, 26/10 AND 39/10.
3. CANCEL HYDROLANT 1749/10, 1800/10, 1839/10, 1911/10, 1929/10,
1964/10, 1993/10, 2001/10, 2008/10, 2009/10, 2032/10, 2058/10,
2085/10, 2102/10.
- (060926Z NOV 2010)
- 2118/10 and 2119/10. CANCELED.
- 2120/10(24).
BRAZIL-EAST COAST.
NGA CHART 24130 (14TH ED).
1. PARANAGUA DGPS STATION AND RADIOBEACON
25-30S 048-19W OFF AIR 08 NOV THRU 08 DEC.
2. CANCEL THIS MSG 09 DEC.
- (061510Z NOV 2010)
- 2121/10. CANCELED.
- 2122/10(24).
BRAZIL-SOUTHEAST COAST.
1. SEISMIC SURVEY IN PROGRESS UNTIL 120159Z NOV
BY M/V OCEAN EUROPE AND M/V SANCO STAR
IN AREA BOUND BY
22-10.97S 040-11.05W, 22-29.10S 040-23.50W,
22-20.98S 040-37.37W, 22-05.77S 040-37.30W,
22-05.93S 040-20.33W.
SIX MILE BERTH REQUESTED.
2. CANCEL THIS MSG 120259Z NOV.
- (070606Z NOV 2010)
- 2123/10(24).
BRAZIL-SOUTHEAST COAST.
MAN OVERBOARD IN 20-55S 040-35W AT 061630Z NOV.
VESSELS IN VICINITY REQUESTED TO KEEP A SHARP
LOOKOUT. ASSIST IF POSSIBLE. REPORTS TO
ANY COASTAL RADIO STATION.
- (070945Z NOV 2010)
- 2124/10. CANCELED.
- 2125/10(51).
WESTERN NORTH ATLANTIC.
MADEIRA.
1. DERELICT LIFEBOAT ADRIFT VICINITY
31-43.84N 014-12.63W AT 071530Z NOV.
2. CANCEL THIS MSG 102134Z NOV.
- (072142Z NOV 2010)
- 2126/10(24).
BRAZIL-NORTHEAST COAST.
MAN OVERBOARD IN 03-15S 038-35W AT 070600Z NOV.
VESSELS IN VICINITY REQUESTED TO
KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO ANY COASTAL RADIO STATION.
- (081518Z NOV 2010)
- 2127/10(37).
EASTERN NORTH ATLANTIC.
FRANCE-NORTHWEST COAST.
1. CABLE OPERATIONS IN PROGRESS UNTIL 15 NOV
BY CABLESHIP FURGO MERCATOR
ALONG TRACKLINE BETWEEN
45-48.3N 008-32.9W AND 47-49.0N 004-21.5W.
WIDE BERTH REQUESTED.
2. CANCEL THIS MSG 16 NOV.
- (081519Z NOV 2010)
- 2128/10. CANCELED.

2129/10(55).

BLACK SEA.

1. SEISMIC SURVEY IN PROGRESS UNTIL 30 DEC BY
M/V AKADEMIC GOLITSYN AND M/V PROFESSOR RYABINKIN
TOWING 1200 METER LONG CABLE IN AREA BOUND BY
44-54.4N 037-19.1E, 44-00.1N 039-11.4E,
43-10.9N 036-50.7E, 43-26.1N 036-11.0E.
WIDE BERTH REQUESTED.
2. CANCEL THIS MSG 31 DEC.

(081521Z NOV 2010)

2130/10 and 2131/10. CANCELED.

2132/10(24).

NORTH ATLANTIC.

- M/V HEMISFERIO SUL REPORTS CAPTAIN WITH
HEART ATTACK IN 12-00N 035-42W. VESSELS
IN VICINITY ABLE TO PROVIDE MEDICAL
ASSISTANCE REQUESTED TO ASSIST IF POSSIBLE.
REPORTS TO VESSEL OR MRCC DAKAR,
PHONE: 0 022 133 826 5001, FAX: 002 213 382 6500.

(081957Z NOV 2010)

2133/10. CANCELED.

2134/10(37).

EASTERN NORTH ATLANTIC.

FRANCE-NORTHWEST COAST.

LANBY 48-30.0N 005-45.5W OFF STATION AND ADRIFT.

(090837Z NOV 2010)

2135/10. CANCELED.

2136/10(55).

BLACK SEA.

1. SEISMIC SURVEY IN PROGRESS UNTIL 10 DEC
BY M/V GEO CASPIAN IN AREA BOUND BY
44-15.9N 030-17.7E, 44-14.6N 029-39.1E,
44-40.3N 029-38.1E, 44-39.6N 030-10.6E,
44-36.2N 030-14.3E.
WIDE BERTH REQUESTED.
2. CANCEL THIS MSG 11 DEC.

(091139Z NOV 2010)

2137/10(56).

EASTERN MEDITERRANEAN SEA.

EGYPT.

1. PIPELAYING OPERATIONS IN PROGRESS UNTIL 28 NOV BY
M/V HIGH LAND NAVIGATOR, M/V HIGH LAND FORTRESS,
M/V AUDACIA, M/V CALAMITY JAN, M/V WILSON CORK,
M/V WILSON KALIAS, M/V MIMEL, M/V BAWLINA,
M/V BASKARA, M/V WILSON KEEN, M/V KOYESKA, M/V SARDINA,
M/V KAPO MOLINO AND M/V WILSON KADIES
IN AREA BOUND BY
31-22.15N 030-17.06E, 31-32.16N 030-14.95E,
31-53.33N 030-27.90E, 31-55.31N 030-31.08E.
WIDE BERTH REQUESTED.
2. CANCEL THIS MSG 29 NOV.

(091525Z NOV 2010)

2138/10(GEN).

MARITIME SAFETY INFORMATION DIVISION WEBSITE.

1. NGA MARITIME SAFETY INFORMATION DIVISION WEBSITE UNUSABLE
131300Z TO 132100Z NOV. FOR URGENT SERVICE, CONTACT
NGA NAVSAFETY, DSN: 287 3147, COMM: 800 362 6289 OR
301 227 3147, E-MAIL: NAVSAFETY@NGA.MIL OR MSG TO
NGA NAVSAFETY BETHESDA MD.
2. CANCEL THIS MSG 132200Z NOV.

(091657Z NOV 2010)

2139/10(37).

FRANCE-NORTHWEST COAST.

1. 50 CONTAINERS ADRIFT VICINITY 49-07N 004-45W
AT 092108Z NOV.
2. CANCEL THIS MSG 130100Z NOV.

(100100Z NOV 2010)

2140/10(36,37).

EASTERN NORTH ATLANTIC.
BAY OF BISCAY.

1. CONTAINERS ADRIFT IN AREA BETWEEN
44-20N 48-28N AND 009-21W 005-49W
AT 091800Z NOV.
2. CANCEL THIS MSG 130450Z NOV.

(100452Z NOV 2010)

SECTION III

NM 47/10

NAVAREA XII

Messages in force 101200Z November 2010:

2010 series	451(GEN)	453(18)	455(19)
445(19)	452(19)	454(GEN)	

The summary of all NAVAREA XII messages in force as of 17 December 2009 is given in Section III of NM 52/09. Warnings issued during the subsequent quarters are issued in NM 13/10, 26/10 and 39/10.

NAVAREA XII WARNINGS issued from 041200Z to 101200Z November 2010.

451/10(GEN).

1. NAVAREA XII MESSAGES IN FORCE 060900Z NOV 10. ONLY THOSE MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN. 2010 SERIES: 444(18), 445(19).
2. THE SUMMARY OF ALL NAVAREA XII MESSAGES IN FORCE AS OF 17 DEC 09 IS GIVEN IN SEC III OF NM 52/09. WARNINGS ISSUED DURING THE SUBSEQUENT QUARTERS ARE SUMMARIZED IN NM 13/10, 26/10 AND 39/10.
3. CANCEL NAVAREA XII 442/10, 443/10.

(060929Z NOV 2010)

452/10(19).

NORTH PACIFIC.
HAWAII.
MISSILES.

1. HAZARDOUS OPERATIONS 110100Z TO 110600Z NOV, ALTERNATE 0100Z TO 0600Z DAILY 12 THRU 14 NOV IN AREA BOUND BY
22-05N 159-46W, 22-10N 159-46W,
30-59N 162-52W, 28-35N 166-43W,
22-04N 159-51W, 22-02N 159-48W,
22-03N 159-48W.
2. CANCEL THIS MSG 140700Z NOV.

(070929Z NOV 2010)

453/10(18).

EASTERN NORTH PACIFIC.
CALIFORNIA.
MISSILES.

1. INTERMITTENT MISSILE FIRING OPERATIONS 0001Z TO 2359Z DAILY MONDAY THRU SUNDAY IN THE NAVAL AIR WARFARE CENTER SEA RANGE. THE MAJORITY OF MISSILE FIRINGS TAKE PLACE 1400Z TO 2359Z AND 0001Z TO 0200Z DAILY MONDAY THRU FRIDAY IN AREA BOUND BY
34-02N 119-04W, 33-52N 119-06W, 33-29N 118-37W,
33-20N 118-37W, 32-11N 120-16W, 31-54N 121-35W,
35-09N 123-39W, 35-29N 123-00W, 35-57N 121-32W,
34-04N 119-04W.
2. VESSELS MAY BE REQUESTED TO ALTER COURSE WITHIN THE ABOVE AREA DUE TO FIRING OPERATIONS AND ARE REQUESTED TO CONTACT PLEAD CONTROL ON 5081.5 MHZ (5080 KHZ) OR 3238.5 KHZ (3237 KHZ) SECONDARY OR 156.8 MHZ (CH 16) OR 127.55 MHZ BEFORE ENTERING THE ABOVE BOUNDARIES AND MAINTAIN CONTINUOUS GUARD WHILE WITHIN THE RANGE.
3. VESSELS INBOUND AND OUTBOUND FOR SOUTHERN CALIFORNIA PORTS WILL CREATE THE LEAST INTERFERENCE TO FIRING OPERATIONS DURING THE SPECIFIC PERIODS, AS WELL AS ENHANCE THE VESSEL'S SAFETY WHEN PASSING THROUGH THE VICINITY OF THE SEA RANGE IF THEY WILL TRANSIT VIA THE SANTA BARBARA CHANNEL AND WITHIN NINE MILES OFFSHORE VICINITY OF POINT MUGU OR CROSS THE AREA SOUTHWEST OF SAN NICOLAS ISLAND BETWEEN SUNSET AND SUNRISE.
4. CANCEL NAVAREA XII 444/10.

(081520Z NOV 2010)

454/10(GEN).

MARITIME SAFETY INFORMATION DIVISION WEBSITE.

1. NGA MARITIME SAFETY INFORMATION DIVISION WEBSITE UNUSABLE 131300Z TO 132100Z NOV. FOR URGENT SERVICE, CONTACT NGA NAVSAFETY, DSN: 287 3147, COMM: 800 362 6289 OR 301 227 3147, E-MAIL: NAVSAFETY@NGA.MIL OR MSG TO NGA NAVSAFETY BETHESDA MD.
2. CANCEL THIS MSG 132200Z NOV.

(091659Z NOV 2010)

455/10(19).

NORTH PACIFIC.
HAWAII.

NGA CHART 19010 (19TH ED).
PAHOA DGPS STATION 19-31.1N 154-57.8W UNRELIABLE.

(100115Z NOV 2010)

SECTION III

NM 47/10

HYDROPACS

Messages in force 101200Z November 2010:

2007 series	1672(63)	2192(94)	2293(97)	2348(61)	2397(74)
1284(71)	1714(63)	2193(96)	2305(62)	2351(97)	2401(61,63)
2008 series	1776(GEN)	2197(63)	2309(83)	2359(63)	2405(63)
44(GEN)	1783(63)	2207(96)	2312(81)	2361(63)	2407(63)
1345(92)	1805(92,93)	2209(63)	2313(18,83)	2362(71)	2408(63)
2009 series	1808(22)	2213(74)	2315(61)	2368(95)	2409(63)
1128(22)	1922(71)	2223(63)	2316(62)	2370(63)	2412(18,21)
2364(63)	1930(74)	2225(61)	2323(94)	2372(22)	2413(63)
2366(63)	1957(63)	2227(93)	2328(74)	2373(22)	2414(21)
2010 series	1965(71)	2233(18,21)	2330(61)	2374(61)	2415(GEN)
75(22)	2028(76)	2240(72)	2331(63)	2375(61)	2416(91,94,95)
306(22)	2041(62)	2243(93)	2334(63)	2378(22)	2417(93)
375(97)	2060(GEN)	2249(97)	2336(62)	2379(GEN)	2419(95)
578(71)	2071(61)	2250(94)	2337(17,18)	2381(63)	2420(95)
593(71)	2078(82)	2251(94)	2338(61)	2383(61)	2421(95)
816(61)	2079(82,83)	2252(94)	2339(62)	2386(61,63)	2422(95)
917(62)	2080(63)	2254(94)	2340(95)	2387(61)	2423(95)
1550(73)	2081(83)	2261(91)	2341(95)	2388(71)	2424(94,95)
1591(91)	2109(81,82)	2271(91,93)	2342(95)	2390(61)	2425(63)
1594(63)	2132(63)	2273(62,63)	2343(95)	2391(83)	
1661(62)	2139(73)	2274(62,63)	2344(95)	2392(71)	
1668(62)	2158(63)	2282(72)	2345(61)	2393(61)	
1670(63)	2179(71)	2285(62)	2346(61)	2394(63)	
1671(63)	2189(74)	2291(GEN)	2347(62)	2396(61)	

The summary of all HYDROPACS in force as of 17 December 2009 is given in Section III of NM 52/09. Warnings issued during the subsequent quarters are issued in NM 13/10, 26/10 and 39/10.

HYDROPAC WARNINGS issued from 041200Z to 101200Z November 2010.

2359/10(63).

INDIA-EAST COAST.

HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 2330Z TO 1800Z COMMENCING

DAILY 09 THRU 13 NOV:

A. IN AREA BOUND BY

19-14.60N 084-53.70E, 19-37.05N 085-27.86E,

18-46.05N 085-22.86E.

B. WITHIN 41 MILES OF TRACKLINE BETWEEN

19-37.05N 085-27.86E AND 18-46.05N 085-22.87E.

2. CANCEL THIS MSG 141900Z NOV.

(041039Z NOV 2010)

2360/10. CANCELED.

2361/10(63).

INDIA-SOUTHWEST COAST.

HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 090900Z TO 091200Z,

120900Z TO 121200Z AND 121230Z TO 121430Z NOV

IN AREA BOUND BY

09-57.5N 075-59.5E, 09-57.7N 076-14.2E,

09-44.0N 076-17.5E, 09-42.5N 076-09.5E.

2. CANCEL THIS MSG 121530Z NOV.

(041142Z NOV 2010)

2362/10(71).

SOUTH CHINA SEA.

DISTRESS SIGNAL RECEIVED IN 05-15.8N 107-47.2E

AT 041123Z NOV. VESSELS IN VICINITY REQUESTED TO KEEP

A SHARP LOOKOUT, ASSIST IF POSSIBLE.

REPORTS TO SINGAPORE PORT OPERATION CONTROL CENTER,

TELEX: 8720021, PHONE: 656 226 5539,

FAX: 656 227 9971, E-MAIL: POCC@MPA.GOV.SG.

(041232Z NOV 2010)

2363/10 thru 2367/10. CANCELED.

2368/10(95).

- YELLOW SEA.
 GUNNERY.
 1. GUNNERY EXERCISES 2300Z TO 0900Z
 COMMENCING DAILY 09 AND 10 NOV
 IN AREA BETWEEN
 35-35N 36-00N AND 125-00E 125-30E.
 2. CANCEL THIS MSG 111000Z NOV.

(050758Z NOV 2010)

2369/10. CANCELED.

2370/10(63).

- ARABIAN SEA.
 PAKISTAN.
 HAZARDOUS OPERATIONS.
 1. HAZARDOUS OPERATIONS 0400Z TO 1700Z DAILY
 22 THRU 26, 29 AND 30 NOV:
 A. IN AREA BOUND BY
 24-19.00N 066-58.00E, 24-00.00N 066-39.00E,
 24-11.00N 066-27.00E, 24-24.30N 066-42.00E.
 B. IN AREA BOUND BY
 24-16.18N 066-20.50E, 24-22.00N 066-27.00E,
 24-16.30N 066-33.00E, 24-10.30N 066-27.00E.
 C. WITHIN 3.5 MILES OF 24-53.76N 066-36.40E.
 2. CANCEL HYDROPAC 2266/10.
 3. CANCEL THIS MSG 301800Z NOV.

(051139Z NOV 2010)

2371/10. CANCELED.

2372/10(22).

- CHILE.
 HAZARDOUS OPERATIONS.
 1. HAZARDOUS OPERATIONS 111300Z TO 111600Z
 AND 111800Z TO 112000Z NOV
 WITHIN 2.5 MILES OF 39-50S 073-35W.
 2. CANCEL THIS MSG 112100Z NOV.

(051457Z NOV 2010)

2373/10(22).

- CHILE.
 HAZARDOUS OPERATIONS.
 1. HAZARDOUS OPERATIONS 121130Z TO 121530Z NOV
 IN AREA BETWEEN
 33-02S 33-04S AND 071-52W 071-50W.
 2. CANCEL THIS MSG 121630Z NOV.

(051503Z NOV 2010)

2374/10(61).

- WESTERN INDIAN OCEAN.
 TANZANIA.
 PIRACY.
 M/V ATTACKED IN 05-25S 040-42E ON 05 NOV.
 VESSELS ARE ADVISED TO KEEP 100 MILES CLEAR
 OF THIS POSITION AND TO EXERCISE EXTREME CAUTION.
 REPORTS TO IMB PIRACY REPORTING CENTER,
 TELEX: 34199, PHONE: 603 2031 0014,
 FAX: 603 2078 5769, E-MAIL: PIRACY@ICC-CCS.ORG.

(051600Z NOV 2010)

2375/10(61).

- WESTERN INDIAN OCEAN.
 TANZANIA.
 PIRACY.
 M/V ATTACKED IN 05-09S 040-45E AT 051316Z NOV.
 VESSELS ARE ADVISED TO KEEP 100 MILES CLEAR
 OF THIS POSITION AND TO EXERCISE EXTREME CAUTION.
 REPORTS TO IMB PIRACY REPORTING CENTER,
 TELEX: 34199, PHONE: 603 2031 0014,
 FAX: 603 2078 5769, E-MAIL: PIRACY@ICC-CCS.ORG.

(051859Z NOV 2010)

2376/10 and 2377/10. CANCELED.

2378/10(22).

- CHILE.
 HAZARDOUS OPERATIONS.
 1. HAZARDOUS OPERATIONS 101230Z TO 101600Z NOV
 IN AREA BETWEEN
 36-31.0S 36-26.0S AND 073-11.5W 073-05.0W.
 2. CANCEL THIS MSG 101700Z NOV.

(060009Z NOV 2010)

SECTION III

NM 47/10

2379/10(GEN).

1. HYDROPAC MESSAGES IN FORCE 060900Z NOV 10. ONLY THOSE MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.
2010 SERIES: 1965(71), 2028(76), 2041(62), 2060(GEN), 2071(61), 2078(82), 2079(82.83), 2080(63), 2081(83), 2109(81,82), 2132(63), 2136(95), 2139(73), 2158(63), 2179(71), 2189(74), 2192(94), 2193(96), 2197(63), 2207(96), 2209(63), 2213(74), 2223(63), 2225(61), 2227(93), 2233(18,21), 2240(72), 2242(63), 2243(93), 2249(97), 2250(94), 2251(94), 2252(94), 2254(94), 2261(91), 2262(96), 2263(63), 2271(91.93), 2273(62,63), 2274(62,63), 2280(71), 2282(72), 2285(62), 2291(GEN), 2292(71), 2293(97), 2305(62), 2308(62), 2309(83), 2312(81), 2313(18,83), 2315(61), 2316(62), 2323(94), 2328(74), 2330(61), 2331(63), 2334(63), 2336(62), 2337(17,18), 2338(61), 2339(62), 2340(95), 2341(95), 2342(95), 2343(95), 2344(95), 2345(61), 2346(61), 2347(62), 2348(61), 2349(83), 2351(97), 2354(94), 2355(94), 2356(94), 2357(94), 2358(94), 2359(63), 2361(63), 2362(71), 2363(83), 2368(95), 2370(63), 2372(22), 2373(22), 2374(61), 2375(61), 2378(22).
2. THE SUMMARY OF ALL HYDROPAC MESSAGES IN FORCE AS OF 17 DEC 09 IS GIVEN IN SEC III OF NM 52/09. WARNINGS ISSUED DURING THE SUBSEQUENT QUARTERS ARE SUMMARIZED IN NM 13/10, 26/10 AND 39/10.
3. CANCEL HYDROPAC 1950/10, 2103/10, 2151/10, 2159/10, 2161/10, 2165/10, 2169/10, 2170/10, 2180/10, 2182/10, 2188/10, 2190/10, 2195/10, 2200/10, 2215/10, 2216/10, 2218/10, 2220/10, 2234/10, 2235/10, 2244/10, 2259/10, 2268/10, 2272/10, 2287/10, 2296/10, 2304/10, 2314/10, 2326/10, 2333/10, 2366/10, 2371/10.

(060932Z NOV 2010)

2380/10. CANCELED.

2381/10(63).

WESTERN INDIAN OCEAN.
PIRACY.
MOTHERSHIP ACTIVITY REPORTED 07-34N 060-16E
AT 061015Z NOV. VESSELS ARE ADVISED TO KEEP
100 MILES CLEAR OF THIS POSITION AND TO
EXERCISE EXTREME CAUTION. REPORTS TO UKMTO DUBAI,
PHONE: 97 150 552 3215, E-MAIL: UKMTO@EIM.AE.

(061525Z NOV 2010)

2382/10. CANCELED.

2383/10(61).

SOMALIA-SOUTH COAST.
PIRACY.
M/V ATTACKED IN 01-40S 042-38E AT 061812Z NOV.
VESSELS ARE ADVISED TO KEEP 100 MILES
CLEAR OF THIS POSITION AND TO EXERCISE
EXTREME CAUTION. REPORTS TO UKMTO DUBAI,
PHONE: 97 150 552 3215, E-MAIL: UKMTO@EIM.AE.

(061943Z NOV 2010)

2384/10 and 2385/10. CANCELED.

2386/10(61,63).

INDIAN OCEAN.
INDIA-SOUTH COAST.
1. SURVEY OPERATIONS 12 NOV THRU 24 DEC
IN AREA BETWEEN
04-50N 04-00S AND 073-30E 078-50E.
WIDE BERTH REQUESTED.
2. CANCEL HYDROPAC 2292/10(71).
3. CANCEL THIS MSG 25 DEC.

(070956Z NOV 2010)

2387/10(61).

SOMALIA-SOUTH COAST.
PIRACY.
POSSIBLE MOTHERSHIP ACTIVITY IN 00-43N 044-00E AT
070905Z NOV. VESSELS ARE ADVISED TO KEEP 100 MILES
CLEAR OF THIS POSITION AND TO EXERCISE
EXTREME CAUTION. REPORTS TO UKMTO DUBAI,
PHONE: 97 150 552 3215, E-MAIL: UKMTO@EIM.AE.

(071121Z NOV 2010)

2388/10(71).

EASTERN INDIAN OCEAN.
1. 25 METER LONG WOODEN OBJECT REPORTED ADRIFT
10-13.6S 105-16.4E AT 071204Z NOV.
2. CANCEL THIS MSG 101903Z NOV.

(071911Z NOV 2010)

2389/10. CANCELED.

2390/10(61).

SOMALIA-SOUTH COAST.

PIRACY.

MILITARY WARSHIP HAS BEEN FIRED UPON WHILE ESCORTING A MERCHANT VESSEL IN 01-48S 042-31E. VESSELS ARE ADVISED TO KEEP 100 MILES CLEAR OF THIS POSITION AND TO EXERCISE EXTREME CAUTION. REPORTS TO UKMTO DUBAI, PHONE: 97 150 552 3215, E-MAIL: UKMTO@EIM.AE.

(072017Z NOV 2010)

2391/10(83).

NORTH PACIFIC.

HAWAII.

DISTRESS SIGNAL RECEIVED ON 406 MHZ IN 12-54.1N 155-18.7W AT 072232Z NOV.

VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO JRCC HONOLULU, TELEX: 39240, MF/HF DSC: 003669993 OR 003669990, PHONE: 808 535 3333, FAX: 808 535 3338, E-MAIL: JRCCHONOLULU@USCG.MIL.

(080008Z NOV 2010)

2392/10(71).

SOUTH CHINA SEA.

PIRACY.

1. M/V ATTACKED IN 01-01N 106-41E AT 061253Z NOV. VESSELS ARE REQUESTED TO KEEP A SHARP LOOKOUT AND USE CAUTION WHEN TRANSITING THE AREA.
2. CANCEL THIS MSG 22 NOV.

(080448Z NOV 2010)

2393/10(61).

SOMALIA-SOUTH COAST.

PIRACY.

POSSIBLE MOTHERSHIP ACTIVITY IN 03-40N 047-36E AT 080653Z NOV. VESSELS ARE ADVISED TO KEEP 100 MILES CLEAR OF THIS POSITION AND TO EXERCISE EXTREME CAUTION. REPORTS TO UKMTO DUBAI, PHONE: 97 150 552 3215, E-MAIL: UKMTO@EIM.AE.

(080838Z NOV 2010)

2394/10(63).

BAY OF BENGAL.

MAN OVERBOARD FROM 12 METER F/V ARUNA AND VESSEL IS ADRIFT DUE TO ENGINE FAILURE IN 10-32N 084-31E AT 070130Z NOV. VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO ANY COASTAL RADIO STATION.

(081516Z NOV 2010)

2395/10. CANCELED.

2396/10(61).

WESTERN INDIAN OCEAN.

PIRACY.

M/V ATTACKED IN 06-43S 051-15E AT 081345Z NOV. VESSELS ARE ADVISED TO KEEP 100 MILES CLEAR OF THIS POSITION AND TO EXERCISE EXTREME CAUTION. REPORTS TO UKMTO DUBAI, PHONE: 97 150 552 3215, E-MAIL: UKMTO@EIM.AE.

(081521Z NOV 2010)

2397/10(74).

AUSTRALIA-NORTH COAST.

1. DERELICT 15 METER VESSEL PARTIALLY SUBMERGED AND ADRIFT IN 13-28S 126-09E AT 081220Z NOV.
2. CANCEL THIS MSG 111445Z NOV.

(081522Z NOV 2010)

2398/10 thru 2400/10. CANCELED.

SECTION III

NM 47/10

- 2401/10(61,63).
WESTERN INDIAN OCEAN.
SOMALIA.
PIRACY.
M/V ATTACKED IN 01-05N 053-10E AT 090547Z NOV.
VESSELS ARE ADVISED TO KEEP 100 MILES CLEAR
OF THIS POSITION AND TO EXERCISE EXTREME CAUTION.
REPORTS TO UKMTO DUBAI, PHONE: 97 150 552 3215,
E-MAIL: UKMTO@EIM.AE.
(090617Z NOV 2010)
- 2402/10 thru 2404/10. CANCELED.
- 2405/10(63).
WESTERN INDIAN OCEAN.
PIRACY.
M/V ATTACKED IN 06-03N 065-00E AT 090834Z NOV.
VESSELS ARE ADVISED TO KEEP 100 MILES
CLEAR OF THIS POSITION AND TO EXERCISE
EXTREME CAUTION. REPORTS TO UKMTO DUBAI,
PHONE: 97 150 552 3215, E-MAIL: UKMTO@EIM.AE.
(091117Z NOV 2010)
- 2406/10. CANCELED.
- 2407/10(63).
INDIA-WEST COAST.
HAZARDOUS OPERATIONS.
1. HAZARDOUS OPERATIONS 101330Z TO 101530Z NOV
IN AREA BOUND BY
18-54.23N 072-54.62E, 18-53.25N 072-54.66E,
18-24.21N 072-53.02E, 18-53.18N 072-53.00E.
2. CANCEL THIS MSG 101630Z NOV.
(091237Z NOV 2010)
- 2408/10(63).
BAY OF BENGAL.
MYANMAR-SOUTH COAST.
1. UNDERWATER OPERATIONS IN PROGRESS UNTIL
30 NOV BY M/V SEA SYMPHONY IN:
A. 19-52.32N 092-48.69E.
B. 19-49.24N 092-52.39E.
C. 19-44.82N 092-54.26E.
4000 METER BERTH REQUESTED.
2. CANCEL THIS MSG 01 DEC.
(091311Z NOV 2010)
- 2409/10(63).
BAY OF BENGAL.
MYANMAR-SOUTH COAST.
1. SEISMIC SURVEY IN PROGRESS UNTIL 23 DEC
BY M/V BINH MINH II ALONG TRACKLINE JOINING
16-03N 093-17E, 16-03N 093-59E,
16-23N 093-59E, 16-23N 094-05E,
15-59N 094-10E, 15-45N 094-52E,
15-28N 094-52E, 15-27N 095-14E,
15-24N 095-14E, 15-24N 094-52E,
15-17N 094-52E, 15-17N 093-17E.
4000 METER BERTH REQUESTED.
2. CANCEL THIS MSG 24 DEC.
(091344Z NOV 2010)
- 2410/10 and 2411/10. CANCELED.
- 2412/10(18,21).
EASTERN NORTH PACIFIC.
DISTRESS SIGNAL RECEIVED ON 406 MHZ IN 25-08.5N 119-10.8W.
VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,
ASSIST IF POSSIBLE. REPORTS TO RCC ALAMEDA,
TELEX: 2301 72343, PHONE: 510 437 3701,
E-MAIL: RCCALAMEDA@USCG.MIL.
(091614Z NOV 2010)
- 2413/10(63).
INDIA-WEST COAST.
HAZARDOUS OPERATIONS.
1. HAZARDOUS OPERATIONS 0230Z TO 1230Z
DAILY 14 THRU 21 NOV
IN AREA BETWEEN
15-11N 15-13N AND 073-52E 073-57E.
2. CANCEL THIS MSG 211330Z NOV.
(091624Z NOV 2010)

2414/10(21).

EASTERN NORTH PACIFIC.
 DISTRESS SIGNAL RECEIVED ON 406 MHZ IN 16-33.4N 113-08.5W.
 VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,
 ASSIST IF POSSIBLE. REPORTS TO RCC ALAMEDA,
 TELEX: 2301 72343, PHONE: 510 437 3701,
 E-MAIL: RCCALAMEDA@USCG.MIL.

(091634Z NOV 2010)

2415/10(GEN).

MARITIME SAFETY INFORMATION DIVISION WEBSITE.
 1. NGA MARITIME SAFETY INFORMATION DIVISION WEBSITE UNUSABLE
 131300Z TO 132100Z NOV. FOR URGENT SERVICE, CONTACT
 NGA NAVSAFETY, DSN: 287 3147, COMM: 800 362 6289 OR
 301 227 3147, E-MAIL: NAVSAFETY@NGA.MIL OR MSG TO
 NGA NAVSAFETY BETHESDA MD.
 2. CANCEL THIS MSG 132200Z NOV.

(091701Z NOV 2010)

2416/10(91,94,95).

SOUTH CHINA SEA.
 PHILIPPINE SEA.
 17000 TON M/V NASCO DIAMOND, 25 PERSONS ON BOARD,
 UNREPORTED. LAST KNOWN POSITION 21-05N 123-50E
 AT 091200Z NOV. VESSELS IN VICINITY REQUESTED
 TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.
 REPORTS TO JAPAN COAST GUARD.

(091758Z NOV 2010)

2417/10(93).

SEA OF JAPAN.
 MAN OVERBOARD FROM M/V DD FIDELITY VICINITY
 15-00.0N 116-20.5E AT 091430Z NOV. VESSELS IN
 VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,
 ASSIST IF POSSIBLE. REPORTS TO MRCC VLADIVOSTOK,
 INMARSAT-C: 582 492500379, PHONE: 742 3249 5522
 OR 742 3222 7782, FAX: 742 3249 5895,
 E-MAIL VLDVMRCC@VLD.PMA.RU.

(100001Z NOV 2010)

2418/10. CANCELED.

2419/10(95).

YELLOW SEA.
 GUNNERY.
 1. GUNNERY EXERCISES 0001Z TO 0800Z DAILY
 15 THRU 19 NOV IN AREA BETWEEN
 36-05N 36-35N AND 124-50E 125-42E.
 2. CANCEL THIS MSG 190900Z NOV.

(100827Z NOV 2010)

2420/10(95).

YELLOW SEA.
 GUNNERY.
 1. GUNNERY EXERCISES 0001Z TO 0800Z DAILY
 15 THRU 19 NOV IN AREA BETWEEN
 34-50N 35-15N AND 124-50E 125-42E.
 2. CANCEL THIS MSG 190900Z NOV.

(100830Z NOV 2010)

2421/10(95).

YELLOW SEA.
 GUNNERY.
 1. GUNNERY EXERCISES 0001Z TO 0800Z DAILY
 15 THRU 19 NOV 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 190900Z NOV.

(100837Z NOV 2010)

2422/10(95).

SEA OF JAPAN.
 GUNNERY.
 1. GUNNERY EXERCISES 0001Z TO 0800Z DAILY
 15 AND 19 NOV IN AREA BOUND BY
 38-15N 129-51E, 38-14N 130-10E,
 37-47N 130-10E, 37-48N 129-51E.
 2. CANCEL THIS MSG 190900Z NOV.

(100858Z NOV 2010)

2423/10(95).

SEA OF JAPAN.
GUNNERY.

1. GUNNERY EXERCISES 2300Z TO 0800Z COMMENCING DAILY 14 THRU 18 NOV IN AREA BOUND BY 38-25N 128-45E, 38-25N 129-30E, 38-10N 129-30E, 38-10N 129-00E, 38-17N 129-00E, 38-17N 128-45E.
2. CANCEL THIS MSG 190900Z NOV.

(100909Z NOV 2010)

2424/10(94,95).

YELLOW SEA.
GUNNERY.

1. GUNNERY EXERCISES 2300Z TO 0900Z COMMENCING DAILY 14 THRU 16 NOV IN AREA BETWEEN 37-30-10N 37-44-55N AND 124-05-10E 124-36-40E.
2. CANCEL THIS MSG 171000Z NOV.

(100925Z NOV 2010)

2425/10(63).

WESTERN INDIAN OCEAN.
PIRACY.

POSSIBLE PIRATE ACTIVITY IN 06-15N 064-44E AT 100558Z NOV. VESSELS TRANSITING THE AREA ARE ADVISED TO EXERCISE EXTREME CAUTION. REPORTS TO UKMTO DUBAI, PHONE: 97 150 552 3215, E-MAIL: UKMTO@EIM.AE.

(100953Z NOV 2010)

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://www.nga.mil/NGAPortal/MSI.portal>), by referring to Section I (paragraph 50) of US Notice to Mariners 1/10 for those in-force as of 2 January 2010, or by contacting the Maritime Administration, Office of Security, Code MAR-420, Room W23-312, 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 10 November 2010: 00-7, 05-1, 06-1, 07-1, 10-3, 10-4, 10-6, 10-7, 10-8 and 10-9.

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://www.nga.mil/NGAPortal/MSI.portal>) or by referring to Section I (paragraph 5) of US Notice to Mariners 1/10 for those in-force as of 2 January 2010 and in Notice to Mariners 13/10.

SPECIAL WARNINGS in force 10 November 2010: 1, 29, 77, 81, 82, 89, 92, 107, 108, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124 and 125.

SECTION III
MARINE INFORMATION

NM 47/10

NOAA CHART NEW EDITIONS AND THEIR AVAILABILITY

NOAA recognizes two paper nautical chart products:

- the Print-on-Demand (POD) chart distributed by OceanGrafix (www.OceanGrafix.com), and
- the traditional NOAA/NOS paper chart distributed by the Federal Aviation Administration and the National Geospatial-Intelligence Agency (NGA).

The Print-on-Demand chart is available the day after NOAA clears a New Edition for release. The traditional chart is available two to eight weeks later. Each is official, should be put into service immediately, and meets Federal chart carriage requirements immediately upon its release. Each should be updated from the dates shown in the lower left corner of the chart. For questions, contact NOAA at help@nauticalcharts.gov or call 301-713-1968 x105. Dates of Latest Edition for charts are listed at <http://nauticalcharts.noaa.gov>.

This week's new editions released by NOAA are listed below (These NOAA charts are now available in both the Print-on-Demand and digital raster formats. See <http://www.charts.noaa.gov/MCD/Dole.shtml> for details.):

530	33 rd Ed. Oct 2010 NEW EDITION	NAD 83	(NOS Silver Spring, MD)
	NORTH AMERICA - WEST COAST - SAN DIEGO TO ALEUTIAN ISLANDS AND HAWAI'IAN ISLANDS		1:4,860,700
	(New edition due to numerous Notice to Mariner changes.)		
11315	33 rd Ed. Oct 2010 NEW EDITION	NAD 83	(NOS Silver Spring, MD)
	GULF COAST - TEXAS - INTRACOASTAL WATERWAY - ESPIRITU SANTU BAY TO CARLOS BAY INCLUDING SAN ANTONIO BAY AND VICTORIA BARGE CANAL		1:40,000
	(New edition due to numerous Notice to Mariner and topographic changes.)		
11346	3 rd Ed. Oct 2010 NEW EDITION	NAD 83	(NOS Silver Spring, MD)
	GULF COAST - LOUISIANA - PORT FOURCHON AND APPROACHES		1:40,000
	(New edition due to numerous Notice to Mariner, topographic and hydrographic changes.)		
11467	42 nd Ed. Oct 2010 NEW EDITION	NAD 83	(NOS Silver Spring, MD)
	EAST COAST - FLORIDA - INTRACOASTAL WATERWAY - WEST PALM BEACH TO MIAMI		1:40,000
	(New edition due to numerous Notice to Mariner, topographic and hydrographic changes.)		
11523	25 th Ed. Oct 2010 NEW EDITION	NAD 83	(NOS Silver Spring, MD)
	EAST COAST - SOUTH CAROLINA - CHARLESTON HARBOR ENTRANCE		1:20,000
	(New edition due to topographic and hydrographic changes.)		
12289	50 th Ed. Oct 2010 NEW EDITION	NAD 83	(NOS Silver Spring, MD)
	EAST COAST - MD - VA - DC - POTOMAC RIVER - MATTAWOMAN CREEK TO GEORGETOWN		1:40,000
	(New edition due to numerous Notice to Mariner changes.)		
13276	23 rd Ed. Oct 2010 NEW EDITION	NAD 83	(NOS Silver Spring, MD)
	EAST COAST - MASSACHUSETTS - SALEM, MARBLEHEAD AND BEVERLY HARBORS		1:10,000
	(New edition due to numerous Notice to Mariner changes.)		
13293	35 th Ed. Oct 2010 NEW EDITION	NAD 83	(NOS Silver Spring, MD)
	EAST COAST - MAINE - DAMARISCOTTA, SHEEPSCOT, AND KENNEBEC RIVERS		1:40,000
	(New edition due to numerous Notice to Mariner changes.)		

14926	12 th Ed. Oct 2010 NEW EDITION GREAT LAKES - SMALL CRAFT BOOK CHART - CHICAGO AND SOUTH SHORE OF LAKE MICHIGAN (New edition due to numerous Notice to Mariner and hydrographic changes.)	NAD 83	(NOS Silver Spring, MD) VARIOUS
16540	13 th Ed. Oct 2010 NEW EDITION ALASKA - SOUTH COAST - ALASKA PENINSULA - SHUMAGIN ISLANDS TO SANAK ISLANDS (New edition due to numerous Notice to Mariner, topographic and hydrographic changes.)	NAD 83	(NOS Silver Spring, MD) 1:300,000
18458	17 th Ed. Oct 2010 NEW EDITION WEST COAST - WASHINGTON - HOOD CANAL - SOUTH POINT TO QUATSAP POINT INCLUDING DABOB BAY (New edition due to hydrographic changes.)	NAD 83	(NOS Silver Spring, MD) 1:25,000
18754	18 th Ed. Oct 2010 NEW EDITION WEST COAST - CALIFORNIA - NEWPORT BAY (New edition due to numerous Notice to Mariner and hydrographic changes.)	NAD 83	(NOS Silver Spring, MD) 1:10,000
19383	18 th Ed. Oct 2010 NEW EDITION HAWAII - KAUA'I - NAWILIWILI BAY (New edition due to topographic and hydrographic changes.)	NAD 83	(NOS Silver Spring, MD) 1:5,000

NEW EDITION OF COAST PILOT

U.S. Coast Pilot 2, Atlantic Coast: Cape Cod, Massachusetts to Sandy Hook, New Jersey, Fortieth Edition, 2011, is ready for issue and may be obtained from:

Federal Aviation Administration
National Aeronautical Navigation Services
REDIS/Distribution Team
10201 Good Luck Road
Glen Dale, MD 20769-9700

and authorized NOAA chart agents. Price \$30.00.

The 2011 Edition cancels the preceding 2010 Edition.

All corrections to the previous edition issued in Notice to Mariners are incorporated in this edition.

Mariners are encouraged to use the convenient "RECORD OF CHANGES" form on Page V of this book. All Coast Pilot changes published in the U.S. Coast Guard Local Notice to Mariners, National Geospatial-Intelligence Agency Notice to Mariners, and on the Internet at <http://nauticalcharts.noaa.gov/nsd/cpdownload.htm> are serially numbered (i.e., Change No. 1, Change No. 2, etc.) to assist you in tracking the changes.

NGA CHART NEW EDITIONS AND THEIR AVAILABILITY

NGA recognizes two paper nautical chart products:

- the Enterprise Product on Demand-Maritime (ePOD-M) chart, and
- the traditional NGA paper chart distributed by the Defense Logistics Agency and the Federal Aviation Administration.

The Enterprise Product on Demand-Maritime (ePOD-M) chart is available the day after NGA clears a New Edition for release and is available to Department of Defense (DoD) customers and other authorized U.S. Government users. The traditional paper chart is available six to eight weeks later. Each is official, should be put into service immediately, and meets Federal chart carriage requirements immediately upon its release. Each should be updated from the dates shown in the lower left corner of the chart. For questions, contact NGA at mcdepod@nga.mil.

This week's new editions released by NGA are listed below. These NGA charts are now available for download in the ePOD-M format (large PDF print file) at the following websites:

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

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

61040	7 th Ed. November 13, 2010 NEW EDITION YSTERVARKPUNT TO CAPE OF GOOD HOPE (Correct through NM 46/10).	WGS-84	(NGA Bethesda, MD) 1:250,000
63210	4 th Ed. October 30, 2010 NEW EDITION ALLEPPEY TO CAPE COMORIN (Correct through NM 44/10).	WGS-84	(NGA Bethesda, MD) 1:300,000

NEW EDITION OF LIST OF LIGHTS

Pub. 112, 2010 Edition, List of Lights, Radio Aids and Fog Signals for the Western Pacific and Indian Oceans including the Persian Gulf and Red Sea, is ready for issue.

This edition contains information available to the National Geospatial-Intelligence Agency (NGA) up to 25 September 2010, including Notice to Mariners No. 39 of 2010.

Corrections subsequent to the above effective date, up to and including Notice to Mariners No. 47 of 2010, are contained in Section II of this Notice.

In the interval between new editions, corrective information affecting this publication will be published in the Notice to Mariners and must be applied in order to keep this publication current.

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://www.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	
14040	14ACO14016	Can. 4010	29/04	
14041	14XHA14019	Can. 4011	29/04	
14042	14XHA14020	Can. 4396	1/05	
14043	14AHA14021	Can. 4116	8/05	42/08
14044	14AHA14022	Can. 4117	14/05	
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	14XHA14029	Can. 4241	14/05	
14066	14XHA14030	Can. 4242	33/05	

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14066	14XHA14031	Can. 4210	33/05	
14067	14XHA14029	Can. 4241	14/05	
14067	14XHA14032	Can. 4209	47/05	
14068	14XHA14032	Can. 4209	47/05	
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	
14141	14AHA14076	Can. 4462	22/07	
14144	14XHA14143	Can. 4950	38/03	11/08
14145	14AHA14077	Can. 4448	22/07	
14146	14XHA14078	Can. 4404	25/07	
14151	14XHA14079	Can. 4403	23/07	
14156	14BHA14080	Can. 4419	22/07	
14190	14ACO14096	Can. 4905	6/09	
14203	14XHA14195	Can. 1431	42/03	11/08
14222	14XHA14211	Can. 1312	40/03	5/08
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	
14366	14AHA14359	Can. 4846	25/09	
14373	14BHA14362	Can. 4847	12/10	
14415	14ACO14377	Can. 4020	12/10	
14812	14XHA14809	Can. 2085	6/09	
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	
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	
17412	17XHA17410	Can. 3890	40/08	
17413	17ACO17411	Can. 3802	42/08	
17414	17BCO17415	Can. 3854	42/08	
17416	17BCO17417	Can. 3858	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	
17445	17BHA17439	Can. 3957	12/10	
17464	17XHA17450	Can. 3924	12/10	
17465	17XHA17451	Can. 3742	41/08	
17480	17ACO17454	Can. 3744	12/10	
17485	17XHA17456	Can. 3936	44/09	
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. 3306	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	
18406	18BHA18435	Can. 3481	23/07	
18407	18BHA18436	Can. 3494	12/07	
18408	18BHA18437	Can. 3495	42/08	
18413	18BHA18442	Can. 3442	31/07	
18414	18XHA18451	Can. 3478	31/07	
18415	18BHA18461	Can. 3441	24/07	
18416	18AHA18462	Can. 3440	24/07	
18418	18AHA18466	Can. 3419	24/07	
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	3/07
35009	35ACO35004	UK 273	19/04	4/07
35009	35ACO35005	UK 278	23/04	4/07
35009	35ACO35006	UK 1191	24/04	8/06
35009	35ACO35010	UK 1192	28/04	12/06
35009	35ACO35013	UK 1409	23/04	49/04
35009	35ACO35014	UK 1407	23/04	33/09
35016	35ACO35015	UK 2635	26/06	10/08
35022	35ACO35017	UK 1128	16/08	32/08
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

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35081	35BHA35035	UK 734	28/04	52/08
35082	35BHA35037	UK 735	31/04	52/08
35084	35BHA35045	UK 1481	32/04	12/06
35086	35BHA35048	UK 736	32/04	4/09
35088	35BHA35050	UK 190	28/04	12/06
35100	35ACO35013	UK 1409	23/04	49/04
35101	35BHA35052	UK 223	33/04	
35120	35ACO35055	UK 115	23/04	10/08
35130	35ACO35056	UK 1942	12/06	
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	
35155	35ACO35064	UK 1234	27/07	
35159	35ACO35065	UK 3271	30/07	39/10
35160	35ACO35066	UK 1233	27/07	
35163	35ACO35067	UK 3272	27/07	
35166	35ACO35068	UK 3283	27/07	39/10
35169	35ACO35071	UK 3281	29/07	39/10
35170	35ACO35072	UK 3282	30/07	
35200	35ACO35001	UK 1954	28/04	33/09
35205	35ACO35073	UK 2720	27/07	6/08
35210	35ACO35074	UK 1785	27/07	6/08
35220	35ACO35075	UK 2721	37/07	6/08
35230	35ACO35078	UK 1794	24/07	10/08
35236	35AHA35079	UK 2207	28/07	39/10
35237	35AHA35089	UK 2208	30/07	12/10
35239	35AHA35090	UK 2210	28/07	
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	7/08
35255	35AHA35096	UK 2171	30/07	
35256	35AHA35097	UK 2390	24/07	
35260	35ACO35104	UK 2722	27/07	7/08
35265	35ACO35106	UK 1778	27/07	33/09
35270	35AHA35109	UK 2169	29/07	
35272	35ACO35110	UK 1770	12/07	
35277	35BHA35113	UK 2326	22/06	7/08
35278	35BHA35114	UK 2343	4/06	
35279	35BHA35115	UK 2397	29/06	
35295	35BHA35116	UK 2481	22/06	
35296	35BHA35117	UK 2396	25/06	
35298	35BHA35118	UK 2168	7/07	33/09
35299	35ACO35119	UK 2724	26/06	5/07
35300	35ACO35121	UK 2723	18/06	
35302	35ACO35123	UK 2798	46/05	
35307	35ACO35126	UK 2199	5/06	
35308	35ACO35127	UK 2198	25/06	
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	

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	33/09
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	
36063	36BHA36009	UK 1447	12/07	
36081	36BHA36011	UK 1753	7/07	
36098	36AHA36012	UK 2221	47/05	
36103	36BHA36014	UK 2126	9/07	
36104	36BHA36016	UK 2220	6/07	
36106	36BHA36017	UK 2131	47/05	
36108	36BHA36018	UK 2000	4/06	
36110	36BHA36019	UK 2007	8/06	
36115	36BHA36020	UK 1994	3/07	
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	
36127	36BHA36030	UK 3746	32/06	
36128	36BHA36030	UK 3746	32/06	
36137	36AHA36032	UK 1478	39/04	
36138	36AHA36033	UK 3275	39/04	9/05
36139	36BHA36034	UK 3274	39/04	33/09
36140	36ACO36035	UK 1178	39/04	33/09
36141	36BHA36036	UK 2878	41/04	9/05
36161	36BHA36039	UK 1152	52/04	
36162	36BHA36041	UK 1182	1/05	
36163	36BHA36042	UK 1176	1/05	
36165	36BHA36044	UK 1165	17/05	52/06
36180	36ACO36049	UK 2565	27/05	33/09
37043	37AHA37003	UK 1267	15/06	
37044	37AHA37004	UK 30	25/05	39/10
37045	37AHA37006	UK 1901	25/05	20/07
37046	37AHA37007	UK 1613	34/05	18/06
37047	37XHA37008	UK 1902	25/05	27/08
37060	36ACO36050	UK 442	25/05	
37075	37ACO37015	UK 2454	25/08	
37079	37AHA37016	UK 2625	32/05	39/10
37081	37AHA37017	UK 2045	32/05	4/06
37083	37AHA37019	UK 2037	25/05	39/10
37084	37AHA37020	UK 2036	5/06	38/08
37086	37AHA37021	UK 2631	31/05	16/08
37119	37AHA37027	UK 1698	8/06	
37122	37AHA37028	UK 1828	19/05	6/10
37141	37AHA37040	UK 1607	9/05	22/09
37145	37AHA37051	UK 1185	37/04	52/08
37147	37BHA37052	UK 1975	36/04	7/08
37150	37ACO37055	UK 1504	37/04	17/05
37170	37ACO37057	UK 1503	38/04	8/08
37175	37ACO37058	UK 1187	38/04	8/08
37180	37ACO37059	UK 1190	38/04	10/05

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37182	37AHA37062	UK 109	38/04	33/09
37183	37BHA37066	UK 1188	6/05	26/10
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	
74231	74BHA74226	Aus. 250	13/07	
74232	74BHA74216	Aus. 256	10/07	
74234	74BHA74237	Aus. 257	11/07	45/10
74252	74BHA74258	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	
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	
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	

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75120	75ACO75114	Aus. 342	36/07	
75132	75BHA75137	Aus. 137	19/06	42/08
75144	75BHA75146	Aus. 344	47/05	
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	
75173	75AHA75174	Aus. 158	18/06	
75175	75AHA75178	Aus. 154	18/06	25/08
75261	75AHA75274	Aus. 808	11/07	
75264	75AHA75269	Aus. 201	12/07	
75264	75AHA75267	Aus. 202	48/06	
75265	75AHA75266	Aus. 197	17/07	
95276	95BHA95284	Jpn. W1193	46/10	
96961	96BHA96951	Jpn. W1033A	46/10	
97146	97AHA97135	Jpn. W1083	46/10	
97149	97AHA97137	Jpn. W66	46/10	
97150	97XHA97139	Jpn. W67	46/10	

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.

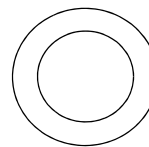
Reports which present an immediate hazard to navigation should be sent to the nearest NAVAREA Coordinator via coast radio stations. In general, these hazards would include major aids to navigation anomalies, discovery of obstructions or shoals with depths of less than 30 meters, floating dangers to shipping, and any situation deemed critical to safety of life at sea. For further information consult Notice to Mariners No. 1, paragraph 44 (Worldwide Navigational Warnings 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).



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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) _____

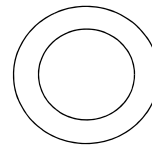
Latitude _____ Longitude _____ Datum _____

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): _____

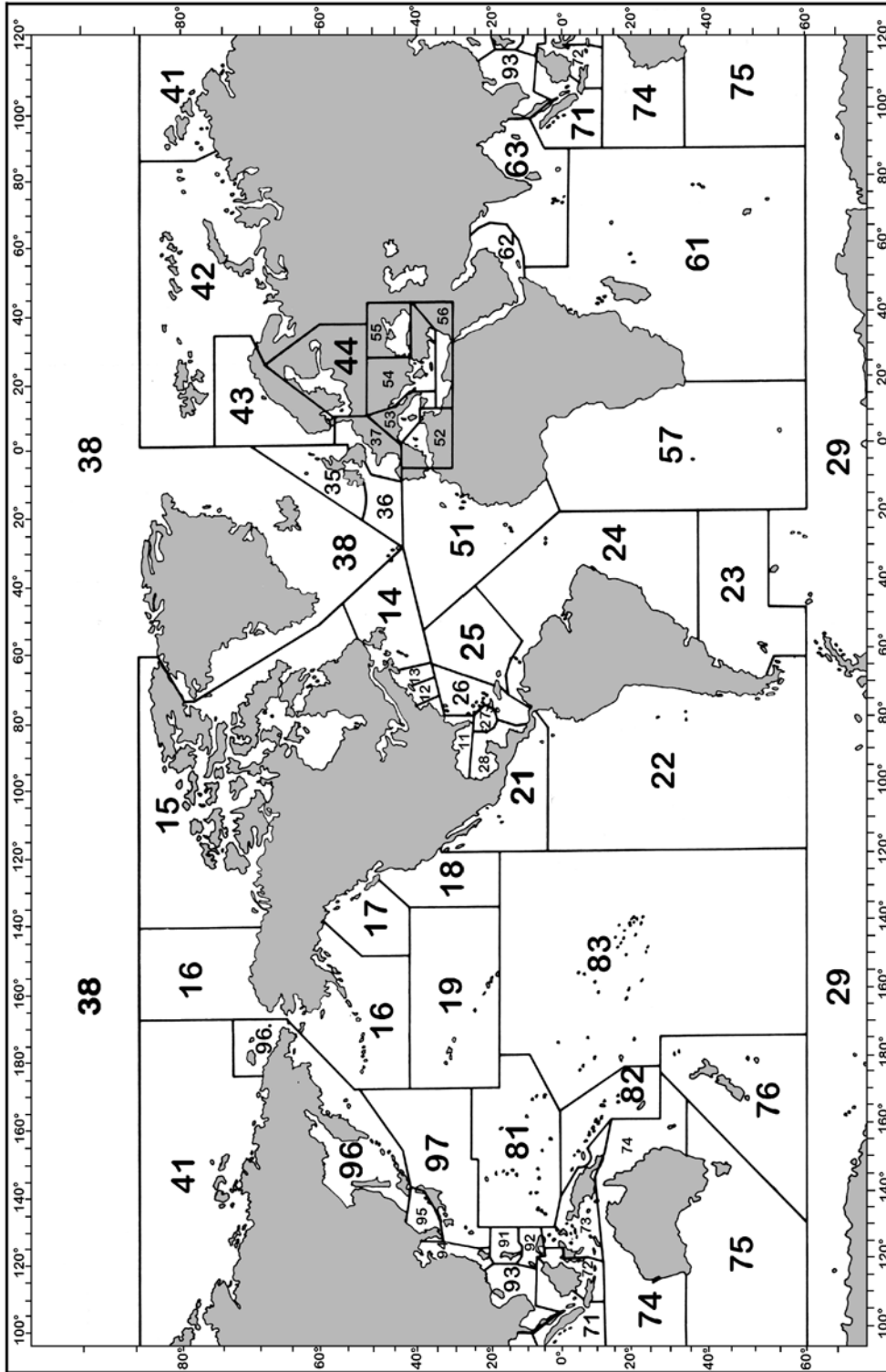


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GEOGRAPHIC LOCATOR



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