No. 15

9 APRIL 2016

UNITED STATES OF AMERICA

NOTICE TO MARINERS

Published Weekly by the
National Geospatial-Intelligence Agency

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

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

IMPORTANT INFORMATION

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

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

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

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

The Maritime Safety Web site can be accessed directly at **http://msi.nga.mil/NGAPortal/MSI.portal**. For your convenience, NGA provides the following 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.

Cover Photo: The **United States Training Ship GOLDEN BEAR** is the training vessel for California State University Maritime Academy (Cal Maritime) in Vallejo, California. Each summer, cadets, faculty and staff from Cal Maritime board the ship for a pair of two-month training cruises. During the academic year, first-year cadets live aboard the ship at Cal Maritime's campus on the Carquinez Strait near San Francisco. The **TS GOLDEN BEAR** was built in 1989 as the USNS Maury for the U.S. Navy. She was originally designed to conduct deep-sea hyper-accurate bathymetric survey operations. The ship was operated by the U.S. Navy's Military Sealift Command before being transferred to the Maritime Administration and then Cal Maritime in 1995. She is 500 feet in length, has a beam of 72 feet, a draft of 30 feet 6 inches, and displaces 16,000 tons fully loaded. She is propelled by twin diesel engines, has a top speed of 20 knots, and a range of over 17,000 miles.

INFORMATION OF SPECIAL INTEREST OR IMPORTANCE TO MARINERS

HYDROGRAM

National Geospatial-Intelligence Agency
Springfield, VA 22150-7500

SPECIAL ANNOUNCEMENTS
NEW PRODUCTS OR SERVICES
IMPORTANT CHANGES

NM 15/16

9 April 2016

TERMINATION OF PDU PATCH FILES IN THE .RTP FILE FORMAT

EFFECTIVE 12 MARCH 2016 THE NGA MARITIME SAFETY OFFICE WILL NO LONGER PROVIDE PUBLICATION DATA UPDATES (PDU) PATCH FILES IN THE ".RTP" FILE FORMAT. SEE SECTION III FOR DETAILS.

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.

NGA CHART NEW EDITIONS AND THEIR AVAILABILITY

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

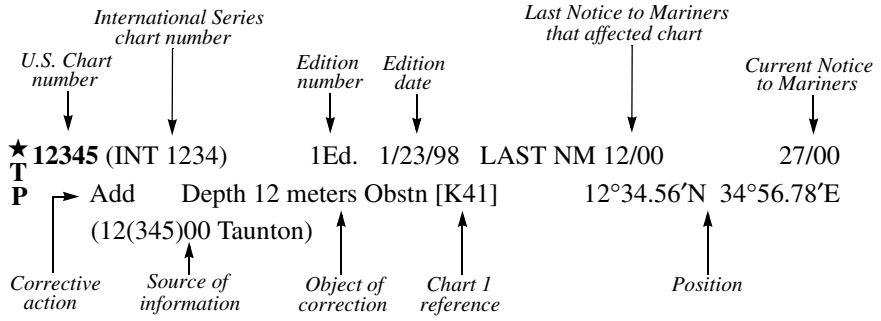
NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY'S IMPLEMENTATION OF A HARDCOPY TO DIGITAL TRANSITION STRATEGY

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

EXPLANATION OF CONTENTS

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

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



A chart correction preceded by:

★ indicates that it is based upon original U.S. source information.
T indicates that it is temporary in nature.
P indicates that it is preliminary, and that permanent corrective action will appear in a future Notice to Mariners.

The letter **M** immediately following the chart number indicates that the correction should be applied to the metric side of the chart only. The letter **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.

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

Courses and bearings are given in degrees true.

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

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

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

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

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

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

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

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

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

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

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

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

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

★11301 26Ed. 11/13 LAST NM 11/15 15/16
Add Tabulation of controlling depths from Subsection I-2
(Supersedes 11/15-11301)
(NOS)

11302 34Ed. 1/14 LAST NM 11/15 15/16
(Side B)
Add Tabulation of controlling depths from Subsection I-2
(Supersedes 11/15-11302)
(NOS)

11305 2Ed. 5/14/05 LAST NM N37/15 N15/16
Add Tabulation of controlling depths from Subsection I-2
(See N37/15-11305)
(NOS)

★11309 41Ed. 4/12 LAST NM 37/15 15/16
Add Tabulation of controlling depths from Subsection I-2
(See 37/15-11309)
(NOS)

★11311 25Ed. 5/14 LAST NM 37/15 15/16
Add Tabulation of controlling depths from Subsection I-2
(Supersedes 37/15-11311)
(NOS)

11316 42Ed. 6/11 LAST NM 8/15 15/16
Add Tabulation of controlling depths from Subsection I-2
(Supersedes 50/14-11316)
(NOS)

★11317 33Ed. 5/14 LAST NM 50/14 15/16
Add Tabulation of controlling depths from Subsection I-2
(Supersedes 50/14-11317)
(NOS)

11318 2Ed. 5/14/05 LAST NM N37/15 N15/16
Add Tabulation of controlling depths from Subsection I-2
(See N37/15-11318)
(NOS)

11331 22Ed. 2/14 LAST NM 43/15 15/16
(Side A, Star Lake to Port Arthur)
Delete Wharf centered 29°49′23.3″N 93°57′17.2″W

Add Solid line (pier) [F14] between 29°49′25.4″N 93°57′13.4″W
29°49′22.6″N 93°57′19.9″W
(NOS)

★11332 33Ed. 1/13 LAST NM 41/15 15/16
Delete Platform 29°39′00″N 93°35′37″W
Platform 29°41′01″N 93°35′17″W

Add Tabulation of controlling depths from Subsection I-2
(Supersedes 50/14-11332)
(NOS; 36/15 CG8)

★11339 4Ed. 2/13 LAST NM 9/16 15/16
(Inset)
Change Legend to "17 FT JUN 2015" 30°05′33.4″N 93°19′35.0″W
(NOS)

11341 44Ed. 3/13 LAST NM 12/16 15/16
Delete Platform 29°39′02″N 93°35′36″W
Platform 29°41′01″N 93°35′17″W
Danger circle "Obstn" (PA) 29°44′18″N 93°20′18″W
Note: Depth 24 feet remains

Add Tabulation of controlling depths from Subsection I-2
(See 50/14-11341)
(NOS; 36/15 CG8)

★11342 55Ed. 10/12 LAST NM 43/15 15/16
Delete Wharf centered 29°49′23.3″N 93°57′17.2″W

Add Solid line (pier) [F14] between 29°49′25.4″N 93°57′13.5″W
29°49′22.6″N 93°57′19.9″W

Tabulation of controlling depths from Subsection I-2
(Supersedes 50/14-11342)
(NOS)

11347 40Ed. 5/13 LAST NM 9/16 15/16
(Side A)
Delete Danger circle "Obstn" (PA) 29°44′18″N 93°20′18″W
Note: Depth 24 feet remains

Change Legend to "17 FT JUN 2015" 30°05′34″N 93°19′43″W

(Side B)
Change Legend to "17 FT JUN 2015" 30°05′35″N 93°19′49″W
(NOS)

11348 23Ed. 4/13 LAST NM 9/16 15/16
(Side A)
Change Legend to "17 FT JUN 2015" 30°05′40.5″N 93°19′47.7″W
(NOS)

11389 34Ed. 6/11 LAST NM 12/16 15/16
Add Chartlet, depicting changes in hydrography and aids to navigation, from Subsection I-2
30°07′20″N 85°41′45″W
(NOS)

11390 25Ed. 10/12 LAST NM 12/16 15/16
(Side A)
Delete Danger circle "Obstn...1977)" 30°05′40.0″N 85°46′49.2″W

Add Chartlet (A), depicting changes in hydrography and aids to navigation from Subsection I-2
30°06′12.0″N 85°43′18.0″W
Chartlet (B), depicting changes in hydrography and aids to navigation, from Subsection I-2
30°09′21.0″N 85°42′00.0″W
(NOS)

12225 60Ed. 11/11 LAST NM 13/16 15/16
Delete Light "1" 37°34′18″N 76°18′29″W

Add Light "1BC" Fl G 2.5s 15ft 4M 37°34′14″N 76°18′31″W
(44/15 CG5)

★12235 34Ed. 2/14 LAST NM 13/16 15/16
Delete Light "1" 37°34′19″N 76°18′28″W

Add Light "1BC" Fl G 2.5s 15ft 4M 37°34′14″N 76°18′31″W
(44/15 CG5)

★12314 33Ed. 6/12 LAST NM 33/15 15/16
(Upper Panel)
Change Range light, front to Fl 2.5s 28ft
40°04′29.3″N 74°55′03.9″W
Range light, rear to F 50ft 40°04′32.5″N 74°54′56.1″W

(Lower Panel)
Change Range light, front to Fl 2.5s 28ft
40°04′29.3″N 74°55′03.9″W
Range light, rear to F 50ft 40°04′32.5″N 74°54′56.1″W
(44/15 CG5)

18423 38Ed. 10/11 LAST NM 12/16 15/16
(Page E)
Delete Buoy (mooring) "CG" 47°59′05″N 122°14′25″W

(Page F, Inset 11)
Delete Buoy (mooring) "CG" 47°59′05″N 122°14′25″W
(40/15 CG13)

18441 47Ed. 6/11 LAST NM 46/15 15/16
Delete Buoy (mooring) "CG" 47°59′05″N 122°14′25″W
(40/15 CG13)

18443 17Ed. 1/10 LAST NM 11/14 15/16
Delete Buoy (mooring) "CG" 47°59′06″N 122°14′25″W
(40/15 CG13)

★18444 17Ed. 11/09 LAST NM 52/14 15/16
Delete Buoy (mooring) "CG" 47°59′05.6″N 122°14′24.8″W
(40/15 CG13)

22120 3Ed. 9/1/01 LAST NM 14/16 15/16
Delete Dangerous wreck 5°49.1′S 81°01.9′W
(9(70)15 Callao)

22125 2Ed. 6/10/06 LAST NM 39/14 15/16
Delete Dangerous wreck 5°49′19.7″S 81°01′56.8″W
(9(70)15 Callao)

22182 7Ed. 11/1/03 LAST NM 3/16 15/16
(Plan C)
Substitute Wreck [K29] for dangerous wreck 17°01′15″S 72°02′12″W
(See 23/15-22182)

(Plan D)
Add Superbuoy LANBY [Q26] RW, Fl 5s
17°38′42″S 71°24′04″W
(10(82, 83)15 Callao)

25563 50Ed. 6/10/95 LAST NM 11/16 15/16
Delete Buoy "PP" 16°10.2′N 61°30.7′W

Add Buoy "PP" YB, spar, double cone topmark
points downward, Q(6) + L Fl 15s [Q130.3]
16°09.6′N 61°31.1′W
(50(255)15 Brest)

25566 27Ed. 4/12/97 LAST NM 48/14 15/16
Delete Depth 20.9 meters 16°12′17.3″N 61°31′57.3″W
Beacon "2" 16°12′49.1″N 61°31′49.4″W
Beacon "PP8" 16°11′00.7″N 61°32′17.0″W
Beacon "PP6" 16°10′34.2″N 61°31′47.1″W
Beacon "PP4" 16°10′20.4″N 61°31′32.7″W
Beacon "PP3" 16°10′58.2″N 61°32′02.1″W
Beacon "PP2" 16°10′08.9″N 61°31′10.6″W
Beacon "PP1" 16°10′23.7″N 61°31′23.6″W
Buoy "PP" 16°10′15.0″N 61°30′41.4″W

Substitute Depth 12.7 meters for 17.7 meters
16°11′47.7″N 61°32′02.6″W

Add Depth 16.2 meters Obstn [K41]
16°12′41.4″N 61°31′48.7″W
Depth 16.9 meters Obstn [K41]
16°12′39.6″N 61°31′52.9″W
Depth 17.9 meters Obstn [K41]
16°12′31.6″N 61°32′10.4″W
Depth 19.1 meters Obstn [K41]
16°12′27.6″N 61°32′21.2″W
Depth 17.8 meters Obstn [K41]
16°12′18.8″N 61°31′32.4″W
Depth 20.8 meters Obstn [K41]
16°12′12.4″N 61°32′01.2″W
Depth 10.3 meters Obstn [K41]
16°10′25.2″N 61°31′24.0″W
Depth 13.1 meters Wk [K26] 16°12′37.8″N 61°32′19.9″W
Depth 16.3 meters Wk [K26] 16°12′35.9″N 61°32′22.9″W
Depth 18.3 meters Wks [K26] 16°12′23.8″N 61°32′07.9″W
Depth 42 meters Wk [K26] 16°09′35.8″N 61°32′17.4″W

Depth 18.2 meters enclosed by depth contour
(20-meter) centered 16°12′16.7″N 61°31′55.6″W
Depth 19.1 meters enclosed by depth contour
(20-meter) centered 16°12′03.9″N 61°31′54.2″W

Anchor berth "Waiting" [N11.1]
16°12′40.1″N 61°32′22.6″W
Buoy "2" G, spar, can topmark, Fl G 4s
16°12′45.6″N 61°31′50.6″W
Buoy "PP11" R, spar, cone topmark, Fl(2) R 6s
16°11′59.2″N 61°31′29.2″W
Buoy "PP9" R, spar, cone topmark, Fl R 4s
16°11′30.2″N 61°31′43.2″W
Buoy "PP8" G, spar, can topmark, Fl G 4s
16°11′30.2″N 61°32′00.7″W
Buoy "PP7" R, spar, cone topmark, Fl(2) R 6s
16°11′01.2″N 61°32′26.1″W
Buoy "PP6" G, spar, can topmark, Fl G 4s
16°10′24.4″N 61°33′08.3″W
Buoy "PP5" R, spar, cone topmark, Fl R 4s
16°10′23.2″N 61°32′50.5″W
Buoy "PP4" G, spar, can topmark, Fl(2) G 6s
16°09′33.2″N 61°32′26.5″W
Buoy "PP3" R, spar, cone topmark, Fl(2) R 6s
16°09′44.2″N 61°32′22.7″W
Buoy "PP2" G, spar, can topmark, QG
16°09′22.1″N 61°31′49.1″W
Buoy "PP1" R, spar, cone topmark, QR
16°09′31.2″N 61°31′55.8″W
Buoy "PP1a" R, spar, cone topmark, Fl R 4s
16°09′33.9″N 61°32′12.0″W
Buoy "PP" YB, spar, double cone topmark
points downward, Q(6) + L Fl 15s [Q130.3]
16°09′34.2″N 61°31′07.2″W

Purple composite line (submarine cable area
limit) [L30.2] between 16°10′25.6″N 61°30′01.2″W
16°10′20.0″N 61°29′27.0″W

Submarine cable [L30.1] joining
16°14′07.5″N 61°33′38.9″W
16°13′07.8″N 61°33′35.4″W
16°12′12.6″N 61°33′14.0″W
16°11′45.3″N 61°32′53.7″W
16°11′28.9″N 61°32′48.7″W
16°11′20.1″N 61°32′48.4″W
16°10′28.4″N 61°32′53.7″W
16°10′17.4″N 61°32′52.3″W
16°09′58.7″N 61°32′44.8″W
16°09′54.0″N 61°32′41.6″W
16°09′37.2″N 61°32′24.3″W
16°09′29.7″N 61°32′10.8″W
16°09′28.6″N 61°32′04.6″W
16°09′29.0″N 61°31′56.2″W
16°09′26.2″N 61°31′45.6″W
16°09′23.3″N 61°31′41.3″W
16°08′50.7″N 61°31′06.2″W
16°08′32.8″N 61°30′50.7″W
(50(255)15 Brest; Fr CH 7100)

★35114 4Ed. 12/18/14 NEW EDITION N15/16
(NGA)

★35117 3Ed. 4/2/15 NEW EDITION N15/16
(NGA)

37162 14Ed. 9/28/13 LAST NM N14/16 N15/16
Delete Stranded wreck 52°44.1′N 4°38.5′E

Lights (4) between 52°46.4′N 4°39.0′E
52°46.2′N 4°39.4′E

Add Light Fl(5) Y 20s 52°46.4′N 4°38.9′E
Depth 9.8 meters, blue tint and enclosing depth
contour (10-meter) centered 52°00.8′N 4°03.6′E

Depth 8.6 meters 52°01.1′N 4°04.2′E
and extend depth contour (10-meter) and blue
tint S to enclose

Depth 8.9 meters 52°01.7′N 4°04.8′E
(48(482), 53(535)15 Den Haag)

37222 14Ed. 10/2/10 LAST NM N45/14 N15/16
Add Foul ground symbol [K31.1] 53°37.77′N 6°49.25′E
Foul ground symbol [K31.1] 53°37.64′N 6°50.25′E
Buoy Y, spherical, Fl Y 5s [Q130.6] 53°37.07′N 6°56.04′E
Buoy Y, spherical, Fl Y 5s [Q130.6] 53°37.42′N 6°57.88′E
(4(74), 53(540)15 Den Haag)

37241 21Ed. 8/31/13 LAST NM N14/16 N15/16
Delete Depth 11.5 meters 52°00.71′N 4°04.07′E
Depth 9.5 meters 52°01.57′N 4°04.68′E

Add Depth 9.8 meters, blue tint and enclosing depth
contour (10-meter) centered 52°00.77′N 4°03.56′E

Depth 8.6 meters 52°01.09′N 4°04.22′E
and extend depth contour (10-meter) and blue
tint S to enclose

Depth 8.9 meters 52°01.71′N 4°04.83′E
(48(482)15 Den Haag)

37242 12Ed. 6/18/11 LAST NM N14/16 N15/16
(Panel A)
Delete Beacon "3" 51°57′50.3″N 4°08′34.3″E
Depth 9.5 meters 52°01′34.3″N 4°04′41.2″E
Depth 11.5 meters 52°00′43.1″N 4°04′03.8″E

Add Buoy "3" G, conical, L Fl G 5s 51°57′51.0″N 4°08′32.4″E
Depth 9.8 meters, blue tint and enclosing depth contour (10-meter) centered 52°00′46.2″N 4°03′33.6″E

Depth 8.6 meters 52°01′05.4″N 4°04′13.2″E
and extend depth contour (10-meter) and blue tint S to enclose
(11(147), 48(482)15 Den Haag)

37244 13Ed. 9/28/13 LAST NM N14/16 N15/16
Add Depth 9.8 meters, blue tint and enclosing depth contour (10-meter) centered 52°00.8′N 4°03.6′E

Depth 8.6 meters 52°01.1′N 4°04.2′E
and extend depth contour (10-meter) and blue tint S to enclose

Depth 8.9 meters 52°01.7′N 4°04.8′E
(48(482)15 Den Haag)

37325 10Ed. 1/18/14 LAST NM N14/16 N15/16
Delete Depth 10.9 meters 48°18′32.9″N 4°29′54.5″W
Depth 10.5 meters 48°18′30.1″N 4°29′56.0″W
Depth 9.9 meters 48°18′29.3″N 4°29′59.4″W
Depth 10.5 meters 48°18′25.4″N 4°29′54.0″W
Depth 17 meters 48°18′32.8″N 4°29′50.1″W
Depth 10.8 meters 48°18′27.0″N 4°29′52.2″W
Depth 10.2 meters 48°18′29.2″N 4°29′45.1″W
Depth 11.1 meters 48°18′34.3″N 4°29′46.7″W
Depth 11.6 meters 48°18′36.4″N 4°29′53.9″W
Depth 9.6 meters 48°18′34.9″N 4°29′56.3″W
Depth 13.7 meters 48°18′29.0″N 4°29′47.6″W

Add Depth 12.2 meters 48°18′27.6″N 4°29′52.0″W
Depth 12.2 meters 48°18′30.3″N 4°29′54.3″W
Depth 12.3 meters 48°18′32.8″N 4°29′53.4″W
Depth 15.9 meters 48°18′31.5″N 4°29′49.4″W
Depth 11.6 meters 48°18′27.4″N 4°29′57.9″W
Depth 7.5 meters 48°18′30.7″N 4°29′58.7″W
Depth 17.6 meters Obstn [K41] 48°18′28.0″N 4°29′47.3″W
Depth 11.4 meters Obstn [K41] 48°18′36.6″N 4°29′55.8″W
Depth 12.3 meters Obstn [K41] 48°18′35.5″N 4°29′55.9″W
Depth 14.3 meters Obstn [K41] 48°18′30.6″N 4°29′45.9″W
Depth 16.1 meters Obstn [K41] 48°18′32.9″N 4°29′47.7″W
Depth 14.7 meters Obstn [K41] 48°18′34.4″N 4°29′51.6″W
Depth 16.3 meters Obstn [K41] 48°18′33.4″N 4°29′51.2″W
Depth 11.5 meters Obstn [K41] 48°18′32.8″N 4°29′56.2″W
Depth 10.9 meters Obstn [K41] 48°18′31.4″N 4°29′57.1″W
Depth 10.8 meters Obstn [K41] 48°18′29.1″N 4°29′57.7″W
(Fr CH 7398)

37330 3Ed. 4/26/14 LAST NM N6/16 N15/16
Change Visibility (range) of light to 10-8M 48°47.8′N 3°23.4′W
(34(57)15 Brest)

43030 25Ed. 1/5/13 LAST NM N11/16 N15/16
Add Depth 29 meters Wk [K26] 54°59.2′N 14°25.1′E
Depth 45 meters Wk [K26] 55°06.4′N 14°22.4′E
(25(670, 671)14 Kobenhavn)

44040 25Ed. 1/8/11 LAST NM 11/16 15/16
Add Foul ground area [K31.2] bound by dashed line joining 56°35.8′N 12°01.5′E
56°32.0′N 12°01.1′E
56°30.0′N 12°04.4′E
56°30.9′N 12°06.2′E
56°32.8′N 12°06.4′E
(7(213)16 Kobenhavn)

44045 7Ed. 12/28/13 LAST NM N4/16 N15/16
Add Foul ground area [K31.2] bound by dashed line joining 56°35.8′N 12°01.5′E
56°32.0′N 12°01.1′E
56°30.0′N 12°04.4′E
56°30.9′N 12°06.2′E
56°32.8′N 12°06.4′E
(7(213)16 Kobenhavn)

44120 9Ed. 12/14/13 LAST NM N4/16 N15/16
Add Depth 29 meters Wk [K26] 54°59.2′N 14°25.1′E
Depth 45 meters Wk [K26] 55°06.4′N 14°22.4′E
(25(670, 671)14 Kobenhavn)

51027 8Ed. 3/8/97 LAST NM 2/16 15/16
Delete Light 18°02.2′N 16°01.6′W
(40(144)15 Brest)

51159 4Ed. 4/7/07 LAST NM N48/15 N15/16
Relocate Buoy "No 9" from 37°11′53″N 6°57′58″W to 37°11′30″N 6°57′54″W

Add Light Fl(2+1) R 37°11′26″N 6°57′56″W
Light Fl R 37°11′45″N 6°57′58″W
Light Fl R 37°11′46″N 6°57′59″W
Buoy Y, spar, "X" topmark, Fl Y 3s [Q130.6] 37°07′14″N 6°50′13″W
Buoy Y, spar, "X" topmark, Fl Y 3s [Q130.6] 37°07′43″N 6°50′42″W
Buoy Y, spar, "X" topmark, Fl Y [Q130.6] 37°07′28″N 6°50′27″W
(1(2), 7(35)16 Cadiz)

51160 21Ed. 12/3/05 LAST NM 6/16 15/16
Substitute Disused submarine cable [L32] for submarine cable between 36°38.9′N 6°39.3′W
36°02.5′N 7°46.1′W
(8(42)16 Cadiz)

51163 4Ed. 2/4/84 LAST NM 36/15 15/16
Delete Buoy "11" 36°54′16.1″N 6°18′19.2″W
(Supersedes 36/15-51163)

Change Beacon "10" to "12" QY 11m 5M 36°54′43.2″N 6°17′17.4″W
Characteristic of buoy "7" to Fl(4) G 11s 36°52′07.8″N 6°21′06.6″W

Add Buoy "9B" G, pillar, cone topmark, Fl G 5s 36°54′07.7″N 6°19′25.2″W
Buoy "11" G, pillar, cone topmark, Fl(2) G 7s 36°54′15.5″N 6°18′14.4″W
Buoy "13" G, pillar, cone topmark, Fl(3) G 9s 36°54′25.1″N 6°17′36.0″W
(51(320)15, 1(3)16 Cadiz)

51164 18Ed. 2/5/00 LAST NM 15/15 15/16
Change Visibility (range) of light to 5M 36°36′53″N 6°21′01″W

Add Double solid line with land tint (bridge) [D22] and vertical clearance 69 meters between 36°31′18″N 6°16′29″W
36°31′29″N 6°15′28″W

Land tint to area bound by shore and solid line [F13] joining 36°32′04″N 6°16′22″W
36°32′09″N 6°16′14″W
36°32′26″N 6°16′22″W
36°32′24″N 6°16′34″W
and delete all topography within above area
(48(296, 297)15, 8(41)16 Cadiz)

51165 9Ed. 10/18/08 LAST NM N48/15 N15/16
Delete "Under reclamation (2012)" area in vicinity 36°32′16.0″N 6°16′25.6″W
"Dredged to 13.0m (2007)" area in vicinity 36°31′06.5″N 6°15′19.1″W

Add Land tint to area bound by shore and solid line [F13] joining 36°32′04.2″N 6°16′21.9″W
36°32′07.6″N 6°16′16.7″W
36°32′08.3″N 6°16′14.3″W
36°32′07.2″N 6°16′13.8″W
36°32′07.5″N 6°16′13.0″W
36°32′25.8″N 6°16′21.6″W
36°32′24.8″N 6°16′28.1″W
36°32′24.0″N 6°16′35.6″W

Position circle "Tr (185) R Lts" 36°31′24.1″N 6°15′45.2″W
Position circle "Tr (185) R Lts" 36°31′27.9″N 6°15′24.0″W

(continued on next page)

51165 (Continued)
Add Double solid line with land tint (bridge) [D22] and vertical clearance 69 meters between
36°31′16.3″N 6°16′28.8″W
36°31′27.5″N 6°16′27.5″W
and delete all hydrography within above area

Land tint to area (pier) [F14] bound by shore and solid line joining
36°30′57.7″N 6°14′56.4″W
36°30′57.3″N 6°14′59.2″W
36°30′58.3″N 6°14′59.4″W
36°30′58.9″N 6°14′56.5″W
and delete all hydrography within above area

Land tint to area (breakwater) [F4.1] bound by shore and solid line joining
36°30′54.4″N 6°14′58.3″W
36°30′54.7″N 6°14′58.3″W
36°30′56.0″N 6°15′03.4″W
36°30′56.8″N 6°15′02.9″W
36°30′55.2″N 6°14′57.8″W
36°30′55.9″N 6°14′56.9″W
36°30′57.6″N 6°14′56.8″W

Light Q 1M with visible sector 082°-109°
36°31′05.6″N 6°15′00.0″W
(48(296, 297)15 Cadiz)

51166 4Ed. 10/18/08 LAST NM N34/14 N15/16
Change Visibility (range) of light to 5M 36°36′51.7″N 6°21′02.4″W
(8(41)16 Cadiz)

51167 7Ed. 10/18/08 LAST NM N48/15 N15/16
Delete "Dredged to 13m (2007)" area in vicinity
36°31′07.3″N 6°15′19.2″W
"Under reclamation (2012)" area in vicinity
36°32′16.0″N 6°16′25.6″W

Change Visibility (range) of light to 5M 36°36′51.7″N 6°21′02.5″W

Add Position circle "Tr (185) R Lts" 36°31′24.1″N 6°15′45.2″W
Position circle "Tr (185) R Lts" 36°31′27.9″N 6°15′24.0″W

Double solid line with land tint (bridge) [D22] and vertical clearance 69 meters between
36°31′16.8″N 6°16′28.9″W
36°31′27.4″N 6°15′26.7″W

Land tint to area bound by shore and solid line [F13] joining
36°32′04.6″N 6°16′21.4″W
36°32′07.6″N 6°16′16.7″W
36°32′08.3″N 6°16′14.3″W
36°32′07.2″N 6°16′13.8″W
36°32′07.5″N 6°16′13.0″W
36°32′25.8″N 6°16′21.6″W
36°32′24.8″N 6°16′28.1″W
36°32′24.0″N 6°16′35.6″W

Solid line (pier) [F14] between 36°30′58.0″N 6°14′56.4″W
36°30′57.8″N 6°14′59.3″W

Solid line (breakwater) [F4.1] joining
36°30′57.7″N 6°14′56.4″W
36°30′55.8″N 6°14′56.8″W
36°30′54.7″N 6°14′57.5″W
36°30′56.4″N 6°15′03.2″W
(48(296, 297)15, 8(41)16 Cadiz)

51223 3Ed. 10/20/12 LAST NM N14/16 N15/16
Change Characteristic of buoy to Fl(5) Y 10s
33°44′56″N 7°22′49″W
(51(139)14 Brest)

51460 4Ed. 7/13/96 LAST NM 41/11 15/16
Delete Light 18°02.4′N 16°01.3′W

Change Characteristic of light to Oc R 3s 17°59.2′N 16°02.3′W
(40(144)15 Brest)

51473 1Ed. 11/5/11 LAST NM N6/12 N15/16
Delete Light 18°02′11″N 16°01′40″W

Change Characteristic of light to Oc R 3s 17°59′18″N 16°02′16″W
(Plan)
Delete Light 18°02′11.1″N 16°01′40.1″W

Change Characteristic of light to Oc R 3s
17°59′18.3″N 16°02′15.4″W
(40(144)15 Brest)

51480 4Ed. 11/8/97 LAST NM 2/16 15/16
Add Depth 3.1 meters Wk [K26] 14°41.4′N 17°23.7′W
Depth 77 meters Wk [K26] 14°43.9′N 17°35.3′W
Depth 71 meters 14°41.9′N 17°35.2′W
Depth 76 meters 14°42.9′N 17°35.3′W
(24(143)15 Brest)

51559 4Ed. 1/10/09 LAST NM 14/16 15/16
Delete Pilot station symbol 14°40′55.1″N 17°23′28.8″W

Relocate Buoy from 14°40′58.9″N 17°22′43.7″W to
14°40′57.0″N 17°22′44.4″W
Buoy from 14°40′34.7″N 17°23′32.5″W to
14°40′33.6″N 17°23′31.2″W

Add Buoy "No 3" G, conical, cone topmark, Fl G 1.5s 14°40′43.8″N 17°24′15.0″W
Buoy "No 14" R, can, can topmark, Fl R 1.5s
14°40′37.8″N 17°24′36.0″W
Buoy YB, pillar, double cone topmark points downward, Q(6) + L Fl W 15s [Q130.3]
14°41′10.3″N 17°23′39.2″W
Buoy YBY, conical, double cone topmark points together, Q(9) W 15s [Q130.3]
14°41′19.1″N 17°23′46.7″W
Buoy BY, conical, double cone topmark points upward, QW [Q130.3] 14°41′28.1″N 17°23′38.3″W
Buoy BYB, conical, double cone topmark bases together, Q(3) W 9s [Q130.3]
14°41′19.6″N 17°23′29.3″W
Buoy R, can, can topmark 14°39′21.6″N 17°24′55.8″W

Depth 3.1 meters Wk [K26] 14°41′24.0″N 17°23′39.0″W
Pilot station symbol [T1.1] 14°40′36.0″N 17°22′42.0″W

Land tint to area (mole extension) bound by existing moles and solid line between
14°41′09.0″N 17°25′36.5″W
14°41′00.7″N 17°25′31.8″W
and delete all hydrography and legend "Bassin des Charbons" within above area
(24(143), 38(145)15 Brest; UKHO ARCS 1001-0)

51560 11Ed. 11/9/96 LAST NM 14/16 15/16
Add Depth 3.1 meters Wk [K26] 14°41.4′N 17°23.7′W
Depth 77 meters Wk [K26] 14°43.9′N 17°35.3′W
Depth 71 meters 14°41.9′N 17°35.2′W
Depth 76 meters 14°42.9′N 17°35.3′W
(24(143)15 Brest)

51561 11Ed. 8/29/98 LAST NM 14/16 15/16
Delete Pilot station symbol 14°41′03″N 17°23′25″W
Buoy 14°40′45″N 17°23′31″W
Depth 77 meters 14°41′50″N 17°35′08″W
Legend "99" 14°43′18″N 17°29′37″W

Add Buoy "3" G, conical, cone topmark, Fl G 1.5s
14°40′44″N 17°24′15″W
Buoy "14" R, can, can topmark, Fl R 1.5s
14°40′38″N 17°24′36″W
Buoy YB, pillar, double cone topmark points downward, Q(6) + L Fl 15s [Q130.3]
14°41′10″N 17°23′39″W
Buoy YBY, conical, double cone topmark points together, Q(9) 15s [Q130.3] 14°41′19″N 17°23′47″W
Buoy BY, conical, double cone topmark points upward, Q [Q130.3] 14°41′28″N 17°23′38″W
Buoy BYB, conical, double cone topmark bases together, Q(3) 9s [Q130.3] 14°41′20″N 17°23′29″W
Pilot station symbol [T1.1] 14°40′36″N 17°22′42″W
Buoy "12" BRB, pillar, double ball topmark, Fl(4) 16s [Q130.4] 14°40′34″N 17°23′31″W
Buoy R, can, can topmark 14°39′22″N 17°24′56″W

Depth 3.1 meters Wk [K26] 14°41′24″N 17°23′39″W
Depth 77 meters Wk [K26] 14°43′56″N 17°35′20″W
Depth 71 meters 14°41′56″N 17°35′12″W
Depth 76 meters 14°42′56″N 17°35′16″W
(24(143), 38(145)15 Brest; UKHO ARCS 1001-0)

★**52066** 4Ed. 12/19/15 NEW EDITION N15/16
(NGA)

52079 1Ed. 6/29/13 LAST NM N19/15 N15/16
Delete Marine farm area in vicinity 39°26′04.7″N 0°18′14.6″W
Marine farm area in vicinity 39°26′31.3″N 0°18′34.8″W
Marine farm area in vicinity 39°26′21.9″N 0°19′05.7″W
Light 39°26′56.8″N 0°18′08.0″W

Double solid line and land tint area (bridge) between 39°27′41.1″N 0°19′19.2″W
39°27′38.5″N 0°19′18.7″W

Breakwater joining 39°27′28.8″N 0°17′46.0″W
39°27′32.9″N 0°17′58.5″W
39°27′32.0″N 0°17′59.0″W
39°27′27.9″N 0°17′46.5″W

Relocate Light from 39°27′35.9″N 0°18′45.4″W to 39°27′36.4″N 0°18′44.2″W

Change Legend to "Being Reclaimed (2015)" 39°27′07.1″N 0°18′13.4″W
Light to Fl W 10s 35m 24M AIS 39°27′18.3″N 0°17′09.6″W

Add "Area under reclamation (2015)" [F31] bound by shore and dashed line joining 39°26′27.2″N 0°19′07.2″W
39°26′25.7″N 0°19′05.7″W
39°26′24.1″N 0°19′05.3″W
39°26′16.3″N 0°19′09.5″W
39°26′16.5″N 0°19′10.0″W

Land tint to area bound by existing breakwater, shore and solid line [F13] joining
39°27′28.4″N 0°17′40.9″W
39°27′27.6″N 0°17′41.4″W
39°27′32.8″N 0°17′58.5″W
39°27′32.0″N 0°17′59.0″W
39°27′31.7″N 0°17′58.2″W
39°27′31.3″N 0°17′58.3″W
39°27′36.9″N 0°18′15.4″W
39°27′29.0″N 0°18′30.2″W
39°27′23.1″N 0°18′33.2″W

Marine farm area [K48.1] bound by dashed line joining 39°27′05.9″N 0°17′17.9″W
39°27′06.7″N 0°17′20.3″W
39°26′49.4″N 0°17′29.3″W
39°26′48.5″N 0°17′26.8″W

Marine farm area [K48.1] bound by dashed line joining 39°27′02.1″N 0°17′46.4″W
39°27′02.9″N 0°17′48.8″W
39°26′47.6″N 0°17′57.1″W
39°26′46.7″N 0°17′54.3″W

Double solid line with land tint (bridge) [D22] between 39°27′41.0″N 0°19′07.6″W
39°27′38.4″N 0°19′07.8″W

Land tint to area bound by shore and solid line [F13] joining 39°27′43.6″N 0°19′04.1″W
39°27′42.0″N 0°19′04.2″W
39°27′42.1″N 0°19′06.5″W
and delete legend "7 m" within above area

Legend "7 m" 39°27′42.9″N 0°19′03.3″W
(42(249), 45(273, 274)15 Cadiz)

52080 15Ed. 11/16/13 LAST NM N36/15 N15/16
Delete Light 39°26.9′N 0°18.1′W

Add Solid line (breakwater) [F4.1] joining 39°27.4′N 0°17.4′W
39°27.3′N 0°17.2′W
39°26.7′N 0°17.5′W

Light Fl W 10s 35m 24M AIS 39°27.3′N 0°17.2′W
(42(249)15 Cadiz)

52085 4Ed. 7/20/13 LAST NM N4/16 N15/16
Delete Marine farm symbol 39°26′04″N 0°18′16″W
Marine farm symbol 39°26′29″N 0°18′36″W
Marine farm symbol 39°26′23″N 0°19′05″W
Light 39°26′57″N 0°18′08″W

Double solid line and land tint area (bridge) between 39°27′41″N 0°19′19″W
39°27′39″N 0°19′18″W

Change Light to Fl W 10s 35m 24M AIS 39°27′18″N 0°17′09″W

Add Double solid line with land tint (bridge) [D22] between 39°27′41″N 0°19′08″W
39°27′39″N 0°19′08″W
(42(249), 45(273, 274)15 Cadiz)

53011 3Ed. 4/4/15 LAST NM 43/15 15/16
Add Submarine cable (power) [L31.1] joining
35°56.6′N 14°27.0′E
35°57.7′N 14°27.3′E
36°00.2′N 14°30.0′E
36°12.7′N 14°33.3′E
36°22.2′N 14°34.0′E
36°31.0′N 14°30.9′E
36°35.0′N 14°31.0′E
36°37.4′N 14°32.0′E
36°39.0′N 14°33.5′E
36°46.8′N 14°34.2′E
(7(23)14 Genova)

53060 15Ed. 6/5/10 LAST NM 10/16 15/16
Substitute Depth 65 meters Wk [K26] for 40 meters Wk 43°17.7′N 5°11.8′E

Add Depth 73 meters Wk [K26] 43°06.2′N 5°40.1′E
(47(76)15 Brest)

53061 11Ed. 7/16/11 LAST NM N11/16 N15/16
Substitute Depth 65 meters Wk [K26] for 40 meters Wk 43°17′46″N 5°11′42″E
(47(76)15 Brest)

53081 10Ed. 7/21/12 LAST NM N9/16 N15/16
Substitute Depth 25 meters for 28.5 meters 43°03′01″N 5°49′03″E
Depth 19.3 meters for 22 meters 43°01′05″N 6°09′53″E

Add Depth 73 meters Wk [K26] 43°06′09″N 5°40′05″E
(7(81)14, 47(76)15 Brest)

53110 1Ed. 7/22/89 LAST NM 2/16 15/16
(Panel A)
Substitute Depth 176 meters for 190 meters 42°03.5′N 8°35.8′E

Add Depth 65 meters 42°35.5′N 8°41.6′E
Depth 46 meters 42°36.3′N 8°46.8′E
(4(83)16 Brest)

★**53160** 15Ed. 12/5/15 NEW EDITION N15/16
(NGA)

53200 7Ed. 8/13/05 LAST NM 9/16 15/16
Add Submarine cable (power) [L31.1] joining
35°56.6′N 14°27.0′E
35°57.7′N 14°27.3′E
36°00.2′N 14°30.0′E
36°12.7′N 14°33.3′E
36°22.2′N 14°34.0′E
36°31.0′N 14°30.9′E
36°35.0′N 14°31.0′E
36°37.4′N 14°32.2′E
36°39.7′N 14°34.4′E
36°45.7′N 14°34.2′E
36°46.8′N 14°34.2′E

Purple composite line (restricted area limit) [N2.1] with legend "see Sailing Directions" between 36°01.0′N 14°16.7′E
35°58.3′N 14°19.2′E

Purple composite line (restricted area limit) [N2.1] between 35°59.8′N 14°22.0′E
36°01.8′N 14°20.0′E
(23(23)09, 7(23)14 Genova)

53203 12Ed. 2/23/13 LAST NM N23/14 N15/16
Add Submarine cable (power) [L31.1] joining
35°56′36″N 14°27′00″E
35°57′42″N 14°27′18″E
36°00′12″N 14°30′00″E
36°11′00″N 14°32′51″E
(7(23)14 Genova)

53204 10Ed. 2/10/96 LAST NM 30/15 15/16
Add Submarine cable (power) [L31.1] joining
35°56′36.0″N 14°27′00.0″E
35°57′42.0″N 14°27′18.0″E
36°00′12.0″N 14°30′00.0″E
(7(23)14 Genova)

53220 7Ed. 9/24/05 LAST NM 17/15 15/16
Add Submarine cable (power) [L31.1] joining
35°56.6′N 14°27.0′E
35°57.7′N 14°27.3′E
36°00.2′N 14°30.0′E
36°12.7′N 14°33.3′E
36°22.2′N 14°34.0′E
36°31.0′N 14°30.9′E
36°35.0′N 14°31.0′E
36°37.4′N 14°32.2′E
36°39.7′N 14°34.4′E
36°45.7′N 14°34.2′E
36°46.8′N 14°34.2′E

Purple composite line (restricted area limit) [N2.1] with legend "see Sailing Directions" between 36°01.0′N 14°16.7′E
35°58.3′N 14°19.2′E

Purple composite line (restricted area limit) [N2.1] between 35°59.8′N 14°22.0′E
36°01.8′N 14°20.0′E
(23(23)09, 7(23)14 Genova)

53302 4Ed. 2/15/97 LAST NM 44/11 15/16
Delete Depth 190 meters 42°03′28.7″N 8°35′47.6″E

Add Depth 176 meters 42°03′33.6″N 8°35′54.0″E
(4(83)16 Brest)

54131 3Ed. 10/10/15 LAST NM 10/16 15/16
Add Submarine cable (power) [L31.1] joining
36°30.0′N 14°31.2′E
36°35.0′N 14°31.0′E
36°39.0′N 14°33.5′E
36°46.8′N 14°34.2′E
(7(23)14 Genova)

54400 8Ed. 6/2/90 LAST NM 14/16 15/16
Add Submarine cable (power) [L31.1] joining
36°11.5′N 27°46.1′E
36°13.9′N 27°38.7′E
36°14.1′N 27°37.2′E
(23(19)07 Brest)

54407 4Ed. 1/27/96 LAST NM 14/16 15/16
Add Depth 20 meters enclosed by depth contour (20-meter) centered 36°53′06″N 27°21′43″E
(23(19)07 Brest)

54418 4Ed. 10/5/96 LAST NM 33/15 15/16
Add Depth 20 meters, blue tint and enclosing depth contour (20-meter) centered 36°53′06″N 27°21′43″E
(23(19)07 Brest)

55064 4Ed. 11/28/15 LAST NM N10/16 N15/16
Change Light to Fl(3) WR 10s 23m 10/7M AIS
41°15′21″N 29°02′23″E
Note: Sectors remain unchanged
(5(19)16 Istanbul; UKHO LL)

55110 2Ed. 8/31/96 LAST NM 38/15 15/16
Change Light to Fl(3) WR 10s 23m 10/7M AIS
41°15.3′N 29°02.4′E
(5(19)16 Istanbul; UKHO LL)

56011 1Ed. 8/3/91 LAST NM 15/15 15/16
Add Submarine cable (power) [L31.1] joining
35°56.6′N 14°27.0′E
35°57.7′N 14°27.3′E
36°00.2′N 14°30.0′E
36°12.7′N 14°33.3′E
36°22.2′N 14°34.0′E
36°31.0′N 14°30.9′E
36°35.0′N 14°31.0′E
36°39.0′N 14°33.5′E
36°45.7′N 14°34.2′E
36°46.8′N 14°34.2′E
(7(23)14 Genova)

71027 10Ed. 11/30/13 LAST NM N5/16 N15/16
Add Platform (lighted) [L10] 4°14.7′N 111°53.7′E
Moored storage tanker (lighted) [L17] 4°13.7′N 111°54.6′E
Dangerous wreck [K28] 4°54.7′N 114°25.1′E
Dangerous wreck [K28] 5°05.2′N 115°01.5′E
(US CH 71330; 31(3276), 33(3527)14 Taunton)

71058 3Ed. 5/19/07 LAST NM N32/13 N15/16
Add Anchorage area [N12.1] bound by purple dashed line joining 5°26′48.0″N 100°21′24.0″E
5°26′48.0″N 100°22′00.0″E
5°26′00.0″N 100°22′00.0″E
5°26′00.0″N 100°21′24.0″E
(8(113)14 Port Klang)

71059 2Ed. 7/14/07 LAST NM N5/15 N15/16
Add Anchorage area [N12.1] bound by purple dashed line joining 5°26′48.0″N 100°21′24.0″E
5°26′48.0″N 100°22′00.0″E
5°26′00.0″N 100°22′00.0″E
5°26′00.0″N 100°21′24.0″E
(8(113)14 Port Klang)

71061 16Ed. 7/14/07 LAST NM N5/15 N15/16
Add Anchorage area [N12.1] bound by purple dashed line joining 5°26.8′N 100°21.4′E
5°26.8′N 100°22.0′E
5°26.0′N 100°22.0′E
5°26.0′N 100°21.4′E
(8(113)14 Port Klang)

★71320 2Ed. 8/17/13 LAST NM N37/15 N15/16
(Panel A)
Add Depth 8.1 meters enclosed by depth contour (10-meter) centered 4°42.8′N 114°23.9′E
Dangerous wreck [K28] 4°54.7′N 114°25.1′E
Dangerous wreck [K28] 5°05.2′N 115°01.5′E
(US CH 71330; 33(3527)14 Taunton)

71330 14Ed. 4/19/14 LAST NM N6/16 N15/16
Add Dangerous wreck [K28] 5°05′12″N 115°01′30″E
(33(3527)14 Taunton)

71331 11Ed. 10/31/92 LAST NM 19/15 15/16
(Panel A)
Add Dangerous wreck [K28] 5°05′12″N 115°01′30″E
(33(3527)14 Taunton)

71335 3Ed. 9/15/07 LAST NM N50/07 N15/16
Add Dangerous wreck [K28] 5°05′12.0″N 115°01′30.0″E
(33(3527)14 Taunton)

71340 12Ed. 7/6/13 LAST NM N6/16 N15/16
Add Platform (lighted) [L10] 4°14.7′N 111°53.7′E
Moored storage tanker (lighted) "FPSO" [L17]
4°13.7′N 111°54.6′E
(31(3276)14 Taunton)

72007 10Ed. 8/31/96 LAST NM 51/15 15/16
Substitute Depth 12 meters "Rep (2014)", blue tint and enclosing dotted-line circle [I3.2] for 34 meters
3°27.3′S 117°31.0′E

Add Platform (lighted) [L10] 3°32.9′S 117°41.1′E
(34(3671)14 Taunton)

72021 8Ed. 11/30/96 LAST NM 50/15 15/16
Substitute Depth 12 meters "Rep (2014)", blue tint and enclosing dotted-line circle [I3.2] for 34 meters
3°27.3′S 117°31.0′E

Add Platform (lighted) [L10] 3°32.9′S 117°41.1′E
(34(3671)14 Taunton)

72085 3Ed. 1/18/03 LAST NM 6/11 15/16
Substitute Depth 12 meters "Rep (2014)", blue tint and enclosing dotted-line circle [I3.2] for 34 meters
3°27.3′S 117°31.0′E

Add Platform (lighted) [L10] 3°32.9′S 117°41.1′E
(34(3671)14 Taunton)

92006 5Ed. 3/13/99 LAST NM 1/16 15/16
Add Dangerous wreck [K28] 5°05.2′N 115°01.5′E
(33(3527)14 Taunton)

93036 12Ed. 2/9/13 LAST NM N12/16 N15/16
Add Depth 7.6 meters Wk [K26] 20°41.9′N 110°35.3′E
Dangerous wreck [K28] 20°47.9′N 110°44.0′E
Dangerous wreck [K28] 21°47.5′N 113°08.1′E
Dangerous wreck [K28] 21°01.0′N 111°30.0′E
Dangerous wreck [K28] 21°21.1′N 111°43.6′E
(9(315), 12(403), 38(1454)15 Tianjin)

93610 4Ed. 4/27/13 LAST NM N34/13 N15/16
Change Buoy "SC01" to "SC03" G, pillar, cone topmark, Fl G 4s 19°45′04″N 109°08′29″E

Add Buoy "SC01" G, pillar, cone topmark, Fl G 4s 19°44′37″N 109°07′53″E
(4(108)15 Tianjin)

93710 4Ed. 4/27/13 LAST NM N4/16 N15/16
Delete Dangerous wreck 20°41.8′N 110°35.3′E
Depth 7.3 meters St (PA) 21°01.9′N 110°36.3′E

Add Light Iso R 4s 4m 4M 20°54.3′N 110°31.3′E
Light QW 4m 4M 20°52.1′N 110°34.7′E
Light QW 4m 4M 20°56.1′N 110°38.3′E
Light Fl(2) R 6s 2m 4M 20°54.5′N 110°33.1′E

Beacon BRB, double ball topmark, Fl(2) 5s 4m 4M [Q130.4] 20°50.1′N 110°37.1′E
AIS [S17.2] to light float 21°03.7′N 110°35.1′E
AIS [S17.2] to buoy 20°48.9′N 110°45.5′E

Depth 7.6 meters Wk [K26] 20°41.9′N 110°35.3′E
Dangerous wreck [K28] (PA) 21°02.1′N 110°44.0′E
Dangerous wreck [K28] (PA) with V-AIS, cross topmark [S18.2] 20°38.8′N 110°34.9′E

Dangerous wreck [K28] with V-AIS, cross topmark [S18.2] marked by buoys (2) BuY, pillar, cross topmark, Al Oc BuY 3s [Q130.6] 20°47.9′N 110°44.0′E
(3(67), 34(1176), 36(1264)14, 12(403), 38(1454), 46(1762), 49(1980), 50(2046), 52(2159)15, 3(125), 4(194)16 Tianjin)

93720 11Ed. 7/7/07 LAST NM 12/16 15/16
Add Dangerous wreck [K28] 21°47.5′N 113°08.1′E
Dangerous wreck [K28] 21°01.0′N 111°30.0′E
Dangerous wreck [K28] 21°21.1′N 111°43.6′E
(9(315)15 Tianjin)

93778 9Ed. 5/18/13 LAST NM N5/16 N15/16
(Panel A)
Delete Buoy "No 40" 21°06′06.2″N 110°26′12.2″E
Buoy "No 41" 21°06′57.8″N 110°25′29.7″E
Buoy "No 42" 21°08′03.1″N 110°24′35.6″E
Buoy "B1" 21°07′48.4″N 110°24′31.8″E
Buoy "C5" 21°09′21.9″N 110°24′20.4″E

Substitute Depth 0.9 meter R [K14.1] for 1.4 meters 21°05′12.8″N 110°29′12.9″E

Add Buoy "Q4" BYB, pillar, double cone topmark bases together, Q(3) W 10s [Q130.3] 21°04′30.1″N 110°30′02.5″E
Buoy "No 40" R, can, Fl R 4s 21°05′54.0″N 110°26′23.0″E
Buoy "No 41" R, can, Fl R 4s 21°06′46.0″N 110°25′40.0″E
Buoy "No 42" RGR, can, Fl(2+1) R 6s 21°07′50.5″N 110°24′43.7″E
Buoy "M1" R, pillar, can topmark, Fl R 4s 21°07′36.3″N 110°24′57.9″E
Buoy "M2" G, pillar, cone topmark, Fl G 4s 21°07′57.3″N 110°24′23.2″E
Buoy "M3" G, pillar, cone topmark, Fl(2) G 6s 21°08′07.2″N 110°24′10.9″E
Buoy "M4" R, pillar, can topmark, Fl(2) R 6s 21°07′56.1″N 110°24′06.3″E
Buoy "M5" YB, pillar, double cone topmark points downward, Q(6) + L Fl W 15s [Q130.3] 21°08′18.3″N 110°23′53.4″E
Buoy "M6" R, pillar, can topmark, Fl R 4s 21°07′53.3″N 110°23′40.2″E
Buoy "B1" RGR, pillar, can topmark, Fl(2+1) R 12s 21°07′47.3″N 110°24′28.1″E
AIS [S17.2] to buoy "No 55" 21°15′46.2″N 110°24′46.9″E
AIS [S17.2] to buoy "No 57" 21°16′30.9″N 110°25′02.7″E
AIS [S17.2] to buoy "No 58" 21°17′04.7″N 110°25′14.8″E

(Panel B)
Relocate Buoy "No 5" from 20°55′00″N 110°33′20″E to 20°55′07″N 110°33′15″E

Add Light Iso R 4s 4m 4M 20°54′15″N 110°31′19″E
Light QW 4m 4M 20°52′08″N 110°34′41″E
Light Fl W 3s 4m 4M 20°56′42″N 110°35′05″E
Light QW 4m 4M 20°56′03″N 110°38′18″E
AIS [S17.2] to light float "Donghai Dao" 21°03′40″N 110°35′05″E
AIS [S17.2] to buoy "No 9" 20°57′49″N 110°34′30″E
Buoy BuY, pillar, cross topmark, Al Oc BuY 3s [Q130.6] 20°53′19″N 110°32′14″E
Buoy BuY, pillar, cross topmark, Al Oc BuY 3s [Q130.6] 20°53′23″N 110°32′20″E
(51(1960)13, 3(65, 66)14, 5(138), 49(1980), 51(2106), 52(2159)15, 4(194)16 Tianjin; Cna CH 15732, 15733, 15752)

95068 3Ed. 9/15/12 LAST NM N9/16 N15/16
Delete Buoy "No B" 36°56′32.3″N 126°50′57.4″E
Buoy "No A" 36°56′46.0″N 126°50′55.9″E
Buoy "B" 36°58′47.5″N 126°46′33.0″E
Buoy "A" 36°58′50.0″N 126°46′26.5″E

Relocate Buoy from 37°00′02.9″N 126°42′16.0″E to 37°00′08.0″N 126°42′14.0″E

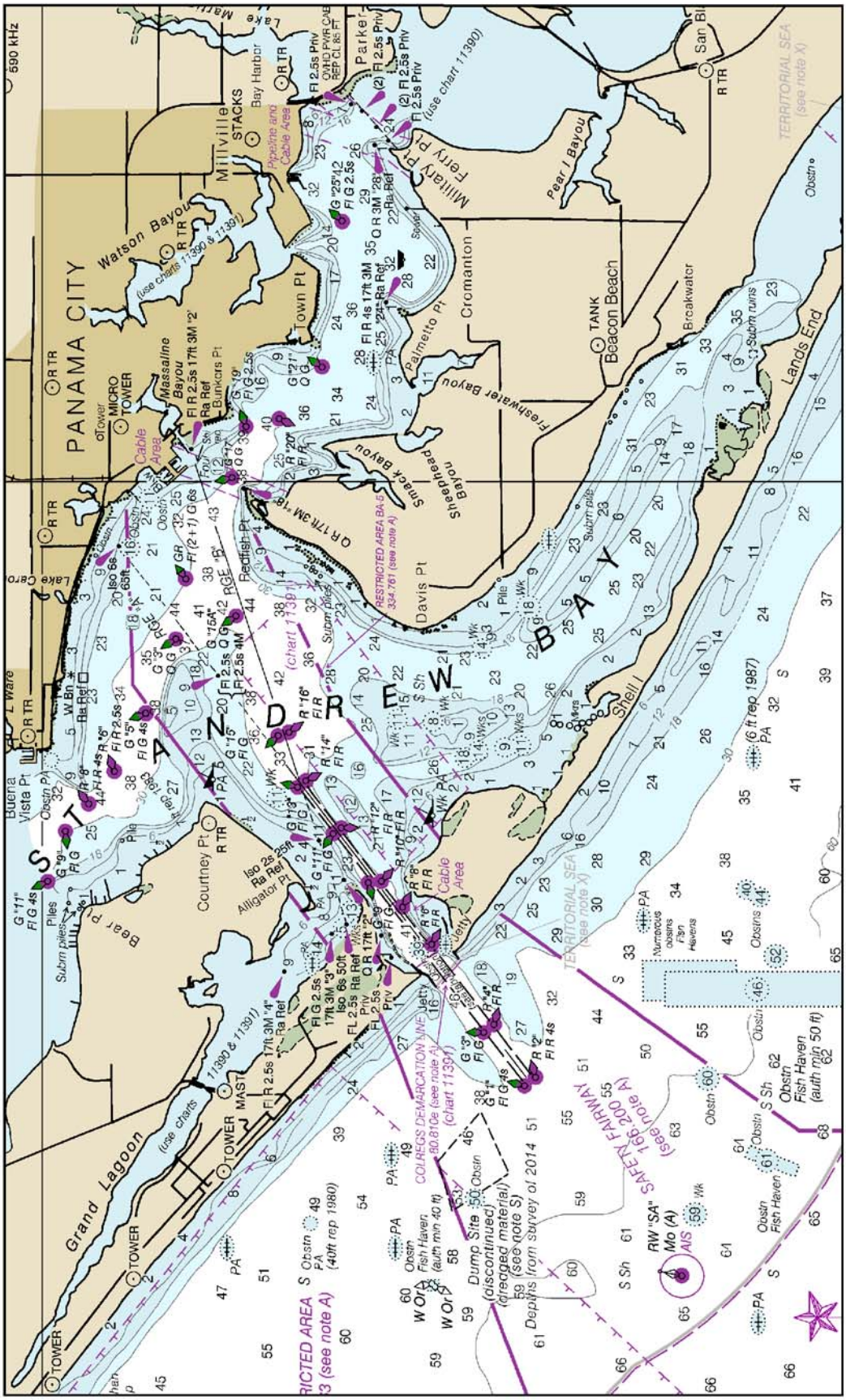
Add Depth 3.7 meters enclosed by depth contour (5-meter) centered 36°59′25.0″N 126°49′06.4″E
Buoy "No 40" R, pillar, cone topmark, Fl(4) R 8s 37°00′32.0″N 126°42′06.0″E
(37(717), 38(733), 40(776), 41(801), 44(857)14 Inchon)

806973 1Ed. 7/7/12 LAST NM N9/16 N15/16
Delete Buoy "B" 36°56′33″N 126°50′58″E
Buoy "A" 36°56′46″N 126°50′56″E
Buoy "B" 36°58′48″N 126°46′33″E
Buoy "A" 36°58′50″N 126°46′27″E

Relocate Buoy from 37°00′03″N 126°42′16″E to 37°00′08″N 126°42′14″E

Add Depth 3.7 meters enclosed by depth contour (5-meter) centered 36°59′25″N 126°49′06″E
Buoy "40" R, pillar, cone topmark, Fl(4) R 8s 37°00′32″N 126°42′06″E
(37(717), 38(733), 40(776), 41(801), 44(857)14 Inchon)

Chart 11389 NM 15/16



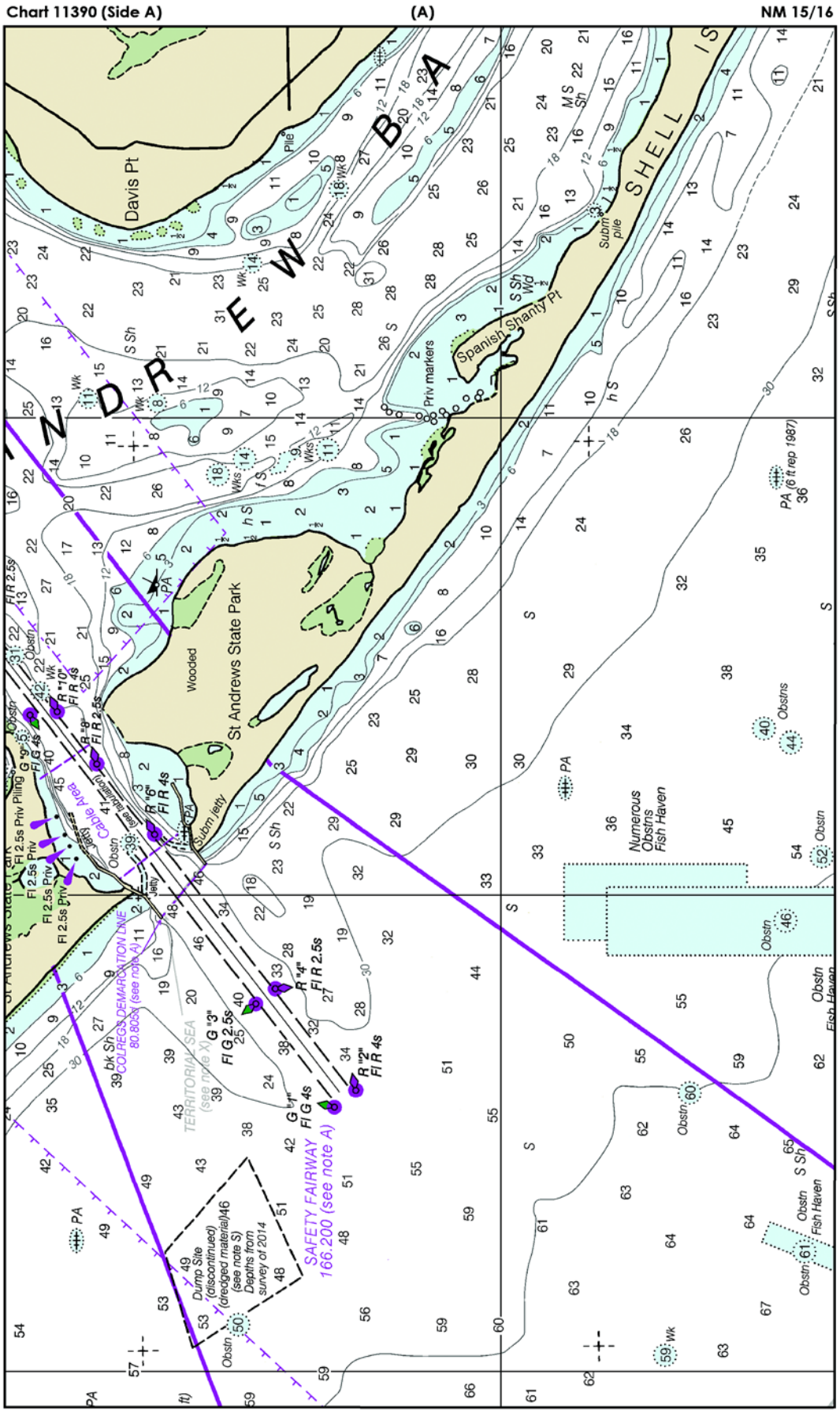


Chart 11390 (Side A)
(A)
NM 15/16
Davis Pt
Spanish Shanty Pt
St Andrews State Park
Wooded
Numerous Obstns Fish Haven
SAFETY FAIRWAY 166.200 (see note A)
TERRITORIAL SEA (see note X)
COLREGS DEMARCATION LINE 80.805x (see note A)
Cable Area
Dump Site (discontinued) (dredged material)46 (see note S) Depths from survey of 2014
Priv markers
Subm pile
Subm jetty
Jetty
Pile
Obstn
Obstns
PA (6 ft rep 1987)

Chart 11390 (Side A) (B) NM 15/16

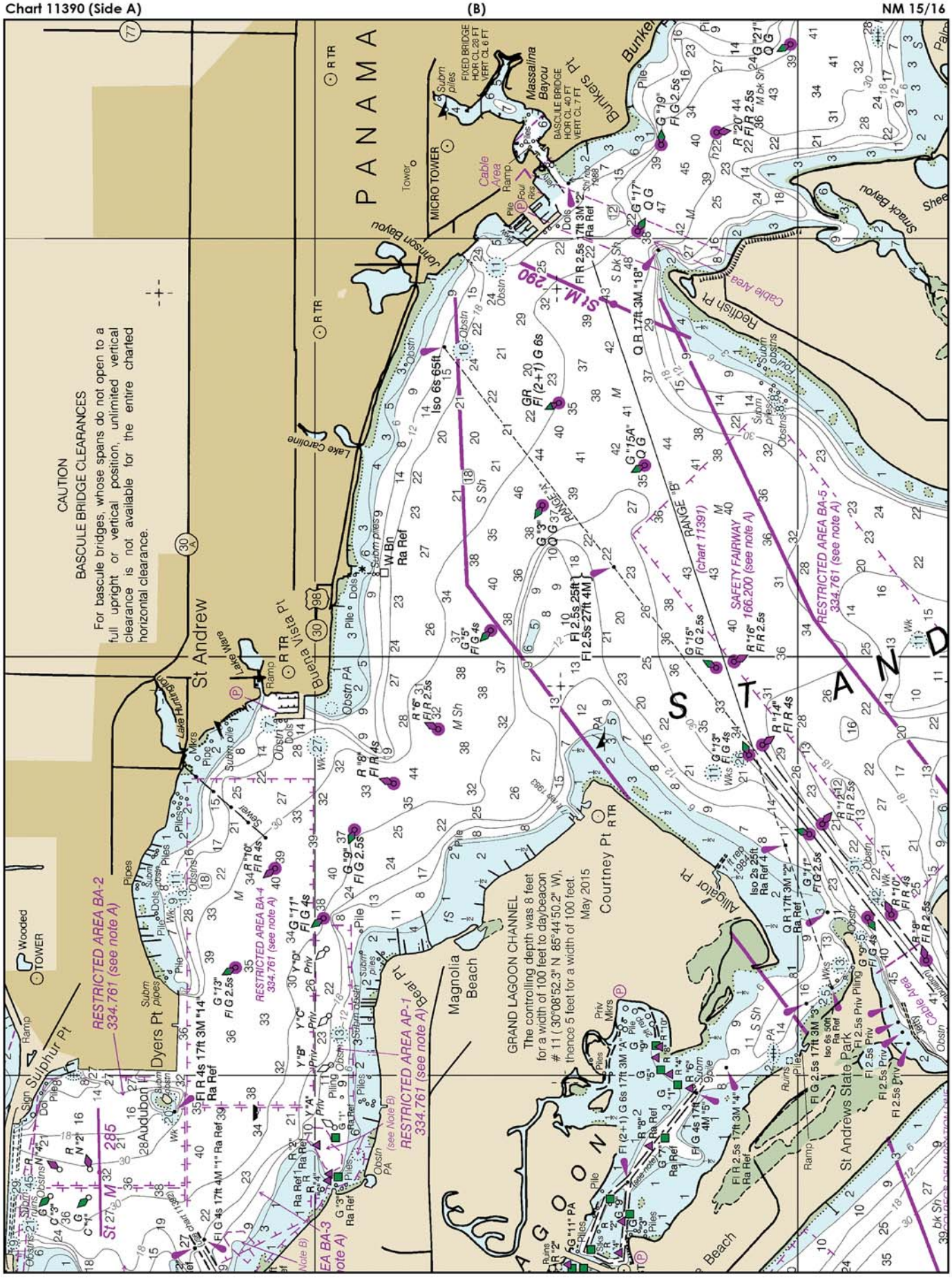


Chart 11301 NM 15/16

BROWNSVILLE AND PORT ISABEL HARBORS CHANNEL DEPTHS

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF FEB-APR 2015

CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (MILES)	DEPTH MLLW (FEET)
BRAZOS SANTIAGO PASS:								
ENTRANCE CHANNEL	42.0	41.0	40.0	38.0	3-15	300	1.9	44
JETTY CHANNEL	41.0	42.0	41.0	39.0	3-15	300-400	1.9	44
LAGUNA MADRE CHANNEL	33.0	38.0	39.0	34.0	3-15	250	2.9	42
BROWNSVILLE SHIP CHANNEL:								
JUNCTION BASIN TO BOCA CHICA PASSING BASIN	36.0	40.0	40.0	38.0	3-15	250	4.0	42
BOCA CHICA PASSING BASIN TO GOOSE I. PASSING BASIN	35.0	40.0	40.0	37.0	3-15	250	5.4	42
GOOSE I. PASSING BASIN TO BROWNSVILLE TURNING BASIN	40.0	43.0	42.0	41.0	3-15	300	2.8	42
BROWNSVILLE TURNING BASIN EXT.	43.0	43.0	44.0	43.0	3-15	500	1.4	42
BROWNSVILLE TURNING BASIN	33.0	37.0	38.0	37.0	3-15	500-1200	0.5	36
PORT ISABEL CHANNEL:								
EAST WYE	31.2	33.3	32.2	28.3	3-15	200	1.2	36
TURNING BASIN	30.1	31.0	30.0	24.8	3-15	1000	0.25	36
WEST WYE	27.1	32.0	30.0	27.8	3-15	200	1.0	36

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

Chart 11302 (Side B) NM 15/16

BROWNSVILLE AND PORT ISABEL HARBORS CHANNEL DEPTHS

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF FEB-APR 2015

CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (MILES)	DEPTH MLLW (FEET)
BRAZOS SANTIAGO PASS:								
ENTRANCE CHANNEL	42.0	41.0	40.0	38.0	3-15	300	1.9	44
JETTY CHANNEL	41.0	42.0	41.0	39.0	3-15	300-400	1.9	44
LAGUNA MADRE CHANNEL	33.0	38.0	39.0	34.0	3-15	250	2.9	42
BROWNSVILLE SHIP CHANNEL:								
JUNCTION BASIN TO BOCA CHICA PASSING BASIN	36.0	40.0	40.0	38.0	3-15	250	4.0	42
BOCA CHICA PASSING BASIN TO GOOSE I. PASSING BASIN	35.0	40.0	40.0	37.0	3-15	250	5.4	42
GOOSE I. PASSING BASIN TO BROWNSVILLE TURNING BASIN	40.0	43.0	42.0	41.0	3-15	300	2.8	42
BROWNSVILLE TURNING BASIN EXT.	43.0	43.0	44.0	43.0	3-15	500	1.4	42
BROWNSVILLE TURNING BASIN	33.0	37.0	38.0	37.0	3-15	500-1200	0.5	36
PORT ISABEL CHANNEL:								
EAST WYE	31.2	33.3	32.2	28.3	3-15	200	1.2	36
TURNING BASIN	30.1	31.0	30.0	24.8	3-15	1000	0.25	36
WEST WYE	27.1	32.0	30.0	27.8	3-15	200	1.0	36

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

Chart 11305 NM N15/16

CORPUS CHRISTI CHANNEL DEPTHS

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF FEB-APR 2015

CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (MILES)	DEPTH MLLW (FEET)
HUMBLE BASIN TO JCT LA QUINTA CH	33.0	45.0	46.0	44.0	3-15	600-500	10.0	45
LA QUINTA CH JCT TO BCN 82	43.0	48.0	48.0	44.0	3-15	400	9.66	45
CHANNEL TO LA QUINTA	43.4	44.5	45.0	42.5	4-14	300-400	5.31	45
TURNING BASIN	44.5	43.0	45.1	43.9	4-14	1200	0.42	45
CHANNEL EXTENSION	41.0	43.0	48.5	50.0	6-14	1200*	1.38	45

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION
* PROJECT WIDTH IS APPROXIMATE PENDING NEW DATA FROM USACE.

Chart 11309 NM 15/16

CORPUS CHRISTI CHANNEL DEPTHS

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF FEB-APR 2015

CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (MILES)	DEPTH MLLW (FEET)
ARANSAS PASS: SEA BAR CHANNEL	46.0	47.0	48.0	45.0	3-15	700-600	2.79	47
JETTY CHANNEL	55.0	51.0	49.0	48.0	3-15	600	1.28	47-45
INNER BASIN AT MAIN CHANNEL	50.0	57.0	57.0	53.0	3-15	600-728	0.40	45
INNER BASIN AT HARBOR ISLAND	41.0	52.0	53.0	35.0	3-15	600-1559	0.32	45
HUMBLE BASIN TO JCT LA QUINTA CH	33.0	45.0	46.0	44.0	3-15	600-500	10.0	45
LA QUINTA CH JCT TO BCN 82	43.0	48.0	48.0	44.0	3-15	400	9.66	45
BCN 82 TO MAIN TURNING BASIN	43.4	48.0	48.3	45.7	10-14	400-300	0.91	45
CHANNEL TO LA QUINTA	43.4	44.5	45.0	42.5	4-14	300-400	5.31	45
TURNING BASIN	44.5	43.0	45.1	43.9	4-14	1200	0.42	45
CHANNEL EXTENSION	41.0	43.0	48.5	50.0	6-14	1200*	1.38	45

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION
* PROJECT WIDTH IS APPROXIMATE PENDING NEW DATA FROM USACE.

Chart 11311 NM 15/16

CORPUS CHRISTI CHANNEL DEPTHS

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF FEB-APR 2015

CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (MILES)	DEPTH MLLW (FEET)
LA QUINTA CH JCT TO BCN 82	43.0	48.0	48.0	44.0	3-15	400	9.66	45
BCN 82 TO MAIN TURNING BASIN	43.4	48.0	48.3	45.7	10-14	400-300	0.91	45
CORPUS CHRISTI:								
MAIN TURNING BASIN	44.5	46.0	48.0	44.7	10-14	300-800	1.21	45
INDUSTRIAL CANAL	43.4	44.5	44.0	44.1	10-14	400	0.66	45
AVERY POINT								
TURNING BASIN	41.5	43.0	43.7	41.7	10-14	400-975	0.47	45
TULE LAKE CHANNEL	44.5	47.0	46.8	46.3	10-14	400-1200	2.70	45
CHEMICAL TURNING BASIN	44.4	46.0	46.0	44.2	10-14	200-400	1.10	45
TULE LAKE TURNING BASIN	44.4	46.0	46.0	42.1	10-14	1200-300	0.45	45
VIOLA CHANNEL	43.0	45.0	44.0	34.0	10-14	350-300	1.71	45
VIOLA TURNING BASIN	43.5	47.0	46.3	43.0	10-14	350-1200	0.30	45

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

Chart 11316 NM 15/16

MATAGORDA SHIP CHANNEL

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF FEB-APR 2015

CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (MILES)	DEPTH MLLW (FEET)
SEA BAR AND JETTY CHANNEL	40.0	40.0	40.0	39.0	3-15	300	3.69	38
MATAGORDA PENINSULA TO LT 48	32.0	35.0	37.0	32.0	4-15	300-200	12.47	36
LIGHT 48 TO ALCOA CHANNEL	27.5	32.0	26.0	23.9	2-15	200	5.54	36
ALCOA CHANNEL TO TURNING BASIN	26.0	28.0	24.0	22.0	4-15	200-399	1.13	36
POINT COMFORT TURNING BASIN	37.6	38.0	38.0	37.2	2-14	1000	0.19	36

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

Chart 11317 NM 15/16

MATAGORDA SHIP CHANNEL

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF FEB-APR 2015

CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (MILES)	DEPTH MLLW (FEET)
SEA BAR AND JETTY CHANNEL	40.0	40.0	40.0	39.0	3-15	300	3.69	38
MATAGORDA PENINSULA TO LT 48	32.0	35.0	37.0	32.0	4-15	300-200	12.47	36
LIGHT 48 TO ALCOA CHANNEL	27.5	32.0	26.0	23.9	2-15	200	5.54	36
ALCOA CHANNEL TO TURNING BASIN	26.0	28.0	24.0	22.0	4-15	200-399	1.13	36
POINT COMFORT TURNING BASIN	37.6	38.0	38.0	37.2	2-14	1000	0.19	36

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

Chart 11318 NM N15/16

CORPUS CHRISTI CHANNEL DEPTHS

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF FEB-APR 2015

CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (MILES)	DEPTH MLLW (FEET)
HUMBLE BASIN TO JCT LA QUINTA CH	33.0	45.0	46.0	44.0	3-15	600-500	10.0	45
LA QUINTA CH JCT TO BCN 82	43.0	48.0	48.0	44.0	3-15	400	9.66	45
BCN 82 TO MAIN TURNING BASIN	43.4	48.0	48.3	45.7	10-14	400-300	0.91	45
CHANNEL TO LA QUINTA	43.4	44.5	45.0	42.5	4-14	300-400	5.31	45
TURNING BASIN	44.5	43.0	45.1	43.9	4-14	1200	0.42	45
CHANNEL EXTENSION	41.0	43.0	48.5	50.0	6-14	1200*	1.38	45

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION
* PROJECT WIDTH IS APPROXIMATE PENDING NEW DATA FROM USACE.

Chart 11332 NM 15/16

SABINE PASS CHANNEL DEPTHS

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF FEB-APR 2015

CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (MILES)	DEPTH MLLW (FEET)
SABINE BANK CHANNEL	34.9	40.5	43.1	38.2	5-14	800	14.7	42
OUTER BAR CHANNEL	32.0	37.8	38.0	32.8	4-14	800	3.4	42
JETTY CHANNEL	29.3	40.3	42.0	29.2	3-15	800-500	4.1	40

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

Chart 11341 NM 15/16

SABINE PASS CHANNEL DEPTHS

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF FEB-APR 2015

CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (MILES)	DEPTH MLLW (FEET)
SABINE BANK CHANNEL	34.9	40.5	43.1	38.2	5-14	800	14.7	42
OUTER BAR CHANNEL	32.0	37.8	38.0	32.8	4-14	800	3.4	42
JETTY CHANNEL	29.3	40.3	42.0	29.2	3-15	800-500	4.1	40

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

Chart 11342 NM 15/16

SABINE PASS - SABINE - NECHES CANAL CHANNEL DEPTHS

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF FEB-APR 2015

CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (MILES)	DEPTH MLLW (FEET)
SABINE PASS:								
OUTER BAR CHANNEL	32.0	37.8	38.0	32.8	4-14	800	3.4	42
JETTY CHANNEL	29.3	40.3	42.0	29.2	3-15	800-500	4.1	40
PASS CHANNEL (A)	21.7	32.4	39.6	20.8	3-14	500-1150	5.6	40
ANCHORAGE BASIN	31.0	20.2	5.0	8.0	3-14	1500	1.6	40
PORT ARTHUR CANAL	35.2	41.5	39.6	34.2	3-15	500	5.5	40
JUNCTION - PORT ARTHUR CANAL AND SABINE NECHES CANAL	33.6	38.6	33.7	34.2	3-14	400-1200	1.3	40
ENTRANCE TO PORT ARTHUR TURNING BASINS	36.5	36.8	39.2	41.2	3-14	282-735	0.4	40
PORT ARTHUR EAST TURNING BASIN	38.5	38.2	38.6	39.2	3-14	370-547	0.3	40
PORT ARTHUR WEST TURNING BASIN	37.5	38.0	38.8	39.0	3-14	350-735	0.3	40
CHANNEL FROM PORT ARTHUR WEST TURNING BASIN TO TAYLOR BAYOU TURNING BASIN	28.6	28.8	39.8	39.5	3-14	200-350	0.6	40
TAYLOR BAYOU TURNING BASIN	20.8	21.4	40.9	41.2	3-14	90-1233	0.7	40
SABINE-NECHES CANAL:								
JCT PORT ARTHUR TO NECHES RIVER	31.4	40.7	42.4	36.6	4-14	400	11.1	40
NECHES RIVER TO SABINE RIVER	25.5	23.7	22.9	22.7	3-14	200	4.5	30

A. DEPTHS ARE REFERENCED TO A LOCAL DREDGING REFERENCE CALLED MEAN LOW TIDE. A DEPTH VALUE REFERRED TO MEAN LOW TIDE WOULD BE APPROXIMATELY ONE FOOT DEEPER WHEN REFERRED TO MEAN LOWER LOW WATER AT THE SABINE PASS NORTH TIDE GAUGE, AT 29°43'42"N 093°52'12"W.

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

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 2/16 THROUGH NM 15/16

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.
50	9	8/16*
400	3	5/16
402	4	5/16
411	54	12,14/16
500	10	8/16*
501	13	10/16
513	9	8/16*
530	35	8/16*
531	25	12/16
1113A		12,14/16
1114A		11,12/16
1115A		2,6,9/16
1116A		3,9,11,12/16
1117A		3,6,9,11/16
11006	34	2,6,9,12,14/16
11009	39	7,8,12/16
11013	48	12,14/16
11300	43	3,6,9,11/16
11301	26	15/16
11302	34	15/16
11305	2	N15/16
11309	41	15/16
11311	25	15/16
11316	42	15/16
11317	33	15/16
11318	2	N15/16
11322	33	2,14/16
11330	22	3,11/16
11331	22	15/16
11332	33	15/16
11339	4	6,9,15/16
11340	78	3,9,11,12/16
11341	44	12,15/16
11342	55	15/16
11344	40	12/16
11346	4	9,14/16
11347	40	6,9,15/16
11348	23	9,15/16
11352	42	9/16
11353	7	9/16
11357	43	9,14/16
11358	58	9,14/16
11360	44	2,6,9/16
11362	6	N2,N6,N9/16
11365	23	9/16
11366	16	8,9/16
11367	37	6/16
11376	58	7/16*
11377	11	5/16*
11380	4	5/16*
11389	34	2,12,15/16
11390	25	12,15/16
11400	36	11,12/16
11404	25	7/16
11411	19	12/16
11412	47	3/16*
11415	11	12/16
11420	30	12,14/16
11423	9	N12,N14/16
11428	37	5/16*
11429	23	12/16
11434	29	14/16
11435	15	N14/16
11442	36	14/16
11445	31	14/16
11446	33	14/16
11449	17	14/16
11450	11	5,14/16
11451	35	5,14/16
11452	23	14/16
11460	43	5,14/16
11461	5	5,14/16
11462	27	5,14/16
11463	19	14/16
11464	18	5,14/16
11477	6	N12/16
11478	25	12/16
11480	41	13/16
11481	9	12/16
11489	40	5,13/16
11491	39	12,13/16
11494	9	N13/16
11496	12	N13/16
11503	46	13/16
11506	45	5/16
11507	36	13/16
11509	32	13/16
11510	20	13/16
11520	45	12,13/16
11521	30	13/16
11525	9	N7,N12/16
11528	1	13/16
11532	22	11/16
11534	39	6/16*
11541	41	5/16*
12200	51	8/16
12201	28	N8/16
12205	34	3/16*
12206	35	8/16*
12210	40	5/16
12214	49	8/16
12221	82	10/16
12222	55	14/16
12225	60	9,12,13,15/16
12230	66	10,14/16
12231	30	9,14/16
12235	34	9,12,13,15/16
12238	41	10/16
12241	23	10/16
12243	15	13/16
12245	68	14/16
12248	44	12/16
12252	25	13/16
12256	18	14/16
12261	30	14/16
12263	56	14/16
12264	32	5,10,14/16
12266	31	14/16
12268	12	8/16*
12270	37	8/16*
12277	36	8/16
12280	11	10,12,13/16
12281	55	9,14/16
12285	42	5/16*
12300	49	5,8,9,12/16
12301	23	N5,N8,N9,N12/16
12304	47	8,10/16
12311	46	8/16
12312	56	5,10,14/16
12313	53	13/16
12314	33	15/16
12316	35	8/16
12318	45	8/16
12323	26	8,12/16
12326	53	10/16*
12327	106	4,5,11,13/16
12331	33	4/16
12332	24	4/16
12333	37	4,5/16
12334	72	11,13/16
12337	24	4/16
12341	28	2/16
12343	20	2,8/16
12345	11	2/16
12346	12	2/16
12347	31	5,8/16
12348	34	9/16
12354	45	9/16*
12362	17	8/16
12364	40	11/16
12366	30	11/16
12372	36	11,13/16
12373	15	11/16
13000	1	N9/16
13003	52	5*,13/16
13006	36	9,11,12/16
13009	36	11/16
13200	38	4,9/16
13201	12	N9/16
13212	39	13/16
13213	43	13/16
13221	60	9,12,13/16
13223	43	13/16
13224	40	9,12/16
13225	34	12/16
13233	19	13/16
13237	42	13/16
13241	18	13/16
13260	41	4,9,11/16
13263	9	N4,N9,N11/16
13267	36	4,9/16
13269	11	4/16
13270	64	4,9/16
13272	52	9/16
13274	28	9/16
13288	43	8,9,11/16
13293	35	9/16
13301	21	8,11/16
13302	23	8,11/16
13309	29	9,13/16
13396	7	6/16*
14003	6	5,9/16
14193	1	N3/16*
14500	27	13/16
14756	1	N2/16*
14771	17	11/16
14820	21	13/16
14822	32	11/16
14826	28	13/16
14829	7	13/16
14832	35	13/16
14833	27	13/16
14835	33	13/16
14838	4	11/16
14846	14	5,11/16
14847	31	5,11/16
14848	58	13/16
14860	36	12,13/16
14862	28	13/16
14867	27	12,13/16
14877	2	N3/16*
14880	33	12,13/16
14881	34	12,13/16
14886	12	13/16
14901	15	7,12,13/16
14902	29	7,11,12,13/16
14904	27	12/16
14907	27	7/16
14908	19	14/16*
14909	20	13/16
14910	23	11/16
14911	21	7/16
14912	18	13/16*
14913	20	13/16*
14916	10	11/16
14918	27	11/16
14919	28	13/16
14922	20	5/16
14924	29	12,13/16
14925	24	5/16*
14930	26	12/16
14932	24	3/16*
14933	25	12/16
14934	30	5*,14/16
14937	25	12/16
14942	27	5/16*
14962	21	13/16
14968	28	7/16
14975	36	11/16
14976	18	7/16
16003	18	14/16
16005	11	7,14/16
16006	37	7*,10/16
16011	39	8*,10/16
16012	24	7*,11/16
16013	31	11,13/16
16200	15	14/16
16220	6	9/16
16420	12	7/16*
16440	16	7/16*
16460	17	7/16*
16480	13	7/16*
16500	12	7/16*
16520	25	7*,10/16
16531	9	7/16*
16580	15	11/16
16590	12	11/16
16601	11	11/16
16700	32	13/16
16701	23	13/16
16702	14	13/16
16707	14	9,10/16
17010	1	N12/16
17315	25	11/16
17320	19	9/16
17327	24	10/16
17360	37	9/16
17368	8	9/16
17514	1	N12/16
18002	8	N10/16
18003	20	12/16
18005	6	N9,N10/16
18006	5	N10/16
18007	33	3,12/16
18008	9	N3,N12/16
18009	4	N10/16
18010	22	3,10/16
18020	39	9,10/16
18022	36	9,10/16
18400	49	12/16
18421	51	12/16
18423	38	12,15/16
18431	9	12/16
18441	47	15/16
18443	17	15/16
18444	17	15/16
18448	36	8/16*
18460	14	12/16
18474	11	8/16*
18480	32	12/16
18500	30	9/16
18502	87	2,9,12/16
18504	66	9/16
18521	75	14/16
18524	37	14/16
18537	12	8/16*
18547	9	13/16*
18584	48	5/16
18640	27	5/16*
18649	68	14/16
18650	57	14/16
18652	36	14/16
18653	12	14/16
18654	45	14/16
18661	30	11/16
18663	6	11/16
18680	32	10/16
18700	23	9,10/16
18703	26	9/16
18704	13	9/16
18720	34	10/16
18721	12	10/16
18723	3	10/16
18749	44	3/16*
18751	47	5/16*
18758	7	10/16
18760	8	N10/16
18774	12	10/16
19327	11	4/16
19357	25	5/16
19358	21	4/16
19361	9	4/16
19367	41	4,5/16
19369	7	5/16
21033	46	5/16
21036	7	5/16
21125	14	N3/16*
21342	29	N5/16*
22004	38	14/16
22008	35	2/16
22050	4	5,11/16
22051	19	4,5/16
22052	7	4,5/16
22055	1	4/16
22082	5	10/16
22083	6	10/16
22120	3	14,15/16
22121	10	N14/16
22124	3	N14/16
22125	2	15/16
22130	2	14/16
22134	1	N14/16
22140	2	14/16
22142	3	N2/16
22160	2	2/16
22172	9	N3,N10/16
22173	37	N10/16
22182	7	3,15/16
22342	10	N6/16*
22347	6	N8/16**
24406	32	N11/16
24430	5	5,8,10/16
24431	14	8/16
24434	4	5,10/16
24435	5	5/16
24450	3	7,8/16
24452	7	10/16
24453	5	7/16

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 2/16 THROUGH NM 15/16

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

Chart No.	Ed. No.	Notice to Mariners No.
24454	5	6,7/16
24460	4	4,6/16
24470	4	5/16
24471	9	6,8/16
24480	2	N6*,N9/16
24481	7	6/16
24484	3	10/16
24490	3	8/16
24502	6	5/16
24504	7	4/16
24507	1	4/16
24508	4	3/16
24510	3	3,4/16
24517	2	8/16
25017	6	N13/16
25018	9	13/16
25521	35	6/16
25527	32	N11/16
25550	2	3/16
25561	24	2/16
25563	50	2,11,15/16
25566	27	15/16
25570	4	N5/16*
25600	47	2,3,13/16
25601	34	5/16
25608	22	3,5/16
25613	3	3/16
25640	45	13/16
25641	29	13/16
25673	17	3/16
26001	4	5/16
26083	14	4/16
26125	3	2/16
26127	21	2/16
26128	50	2/16
26220	6	2/16
26229	12	N12/16
26230	13	N12/16
26320	5	5/16
27060	2	11/16
27061	5	11/16
27080	4	14/16
27083	39	12/16
27102	11	11/16
27141	5	12/16
27142	5	11,12/16
27146	2	12/16
27160	2	12/16
27161	4	12/16
27180	2	4,12/16
27206	18	12/16
28201	9	N3/16*
29323	4	3/16*
35002	2	N10/16*
35010	2	N5/16*
35015	4	N9/16*
35017	4	N10/16*
35018	2	N10/16*
35019	3	N10/16*
35024	2	N4/16
35057	3	N5/16*
35062	3	N2/16*
35064	2	N5/16*
35067	2	N3/16*
35068	3	N14/16*
35074	3	N14/16*
35092	4	N6/16*
35113	4	N13/16*
35114	4	N15/16*
35117	3	N15/16*
35121	2	N13/16*
35128	2	N3/16*
35139	2	N7/16*
35140	2	N6/16*
36001		N4,N6/16
36005	3	2,3,4,6/16
36006	2	N6/16*
36012	1	N14/16*
36017	2	N13/16*
36022	2	N13/16*
36024	2	N13/16*
36033	3	N13/16*
36044	3	N13/16*
36049	2	N4/16
37003	2	N10/16*
37008	5	N9/16*
37015	2	N6/16
37016	4	N6/16*
37019	4	N13/16*
37020	4	N13/16*
37021	4	N10/16*
37022	2	N2/16*
37025	26	2,6/16
37030	2	N2/16*
37032	3	N3/16*
37034	3	N7/16*
37050	10	N2,N6/16
37051	3	N13/16*
37052	5	N14/16*
37057	4	N14/16*
37080	4	N3,N8,N13/16
37095	4	N3,N6,N8/16
37162	14	N14,N15/16
37221	14	5/16
37222	14	N15/16
37226	19	N5/16
37229	16	N10/16
37230	15	N10/16
37231	19	N5/16
37235	11	2/16
37241	21	N14,N15/16
37242	12	N14,N15/16
37243	7	14/16
37244	13	N14,N15/16
37264	3	3,8,9,13/16
37281	16	N3,N13/16
37320	17	N2,N6/16
37325	10	N6,N12,N13,N14, N15/16
37328	3	N2,N12/16
37330	3	N6,N15/16
37360	16	N2/16
38030	1	3/16
38181	5	N10/16*
38461	1	N13/16
38500	6	9/16
38545	1	N3/16*
38589	1	N3/16*
43030	25	N4,N5,N11,N15/16
43300	6	N5/16*
43320	5	10/16**
43340	14	N10/16*
43360	22	N4,N5/16
44036	5	5/16
44037	6	N5/16
44038	5	5,7,8/16
44039	1	N5/16
44040	25	4,5,8,10,11,15/16
44041	8	N4,N5,N6,N8/16
44042	8	N4,N6,N8/16
44043	8	4,6,8/16
44044	6	8/16
44045	7	N4,N15/16
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44054	1	N5/16
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44067	23	6,14/16
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44082	12	N4/16
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44100	9	N7,N14/16
44105	2	8/16
44120	9	N4,N15/16
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44178	3	N2/16*
44180	7	N5/16
44181	6	N5/16
44183	7	N5/16
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44362	2	N2/16*
44401	9	N4/16
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44462	5	N3,N13/16
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51163	4	15/16
51164	18	15/16
51165	9	N15/16
51166	4	N15/16
51167	7	N15/16
51180	5	6/16
51220	8	14/16
51222	6	14/16
51223	3	N14,N15/16
51225	3	2/16
51261	23	12/16
51265	1	N12/16*
51460	4	15/16
51473	1	N15/16
51480	4	2,15/16
51559	4	14,15/16
51560	11	2,14,15/16
51561	11	2,14,15/16
51562	10	14/16
51620	11	N5/16*
51644	5	N2/16*
52039	5	N2,N6/16
52040	18	14/16
52043	22	N2/16
52046	22	N5/16*
52052	2	N14/16
52053	1	N2/16*
52054	2	N3/16*
52066	4	N15/16*
52079	1	N15/16
52080	15	N15/16
52084	3	N8/16
52085	4	N4,N15/16
52086	3	N4/16
52088	3	8/16
52091	1	N4/16
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52140	7	N3/16
52143	8	14/16
52144	6	N3/16
53011	3	15/16
53031	2	10/16
53060	15	8,10,15/16
53061	11	N2,N11,N15/16
53062	14	N11,N13/16
53063	9	2/16
53066	3	N5/16*
53081	10	N9,N15/16
53082	15	N9,N10/16
53083	8	8,10/16
53084	7	N2/16
53086	9	N2/16
53089	4	8/16
53093	4	N2/16
53100	18	N10/16
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53106	8	N3*,N12/16
53110	1	2,15/16
53111	4	9,12/16
53141	6	N6/16
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53164	10	N9/16
53165	14	N2,N4,N5/16
53180	11	N3*,N9/16
53182	5	N3/16*
53183	14	N4,N9/16
53184	5	9/16
53200	7	9,15/16
53203	12	N15/16
53204	10	15/16
53206	8	N3/16*
53220	7	15/16
53242	12	4/16
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53262	8	10/16
53263	1	10/16
53268	4	10/16
53279	4	2,9/16
53285	4	2/16
53287	6	2,9/16
53302	4	15/16
53311	4	N3/16*
53313	1	N3/16
54040	4	N4/16*
54041	7	10/16
54043	3	N3/16*
54060	5	10,13/16
54061	13	N3,N10/16
54082	13	N13/16
54083	5	N13/16
54090	3	9,13/16
54095	3	9/16
54105	3	9/16
54125	4	8/16
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54140	8	8/16
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54180	7	8/16
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54201	6	2,6,13/16
54220	5	2,6,7,9/16
54222	4	2/16
54223	2	2,6/16
54224	3	2/16
54225	2	2/16
54226	2	6,12/16
54227	3	N12/16
54279	4	10/16
54280	11	10/16
54281	6	10/16
54288	5	10/16
54320	4	14/16
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54402	4	14/16
54403	4	2,11/16
54406	2	14/16
54407	4	14,15/16
54416	6	N14/16
54418	4	15/16
54421	6	14/16
54430	1	14/16
54441	6	4,9/16
54480	9	N4/16
54481	10	N2/16
54482	1	N2/16
55001	4	11/16
55040	4	11,12/16
55041	7	11/16
55042	2	N4/16
55043	2	12/16
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55110	2	11,15/16
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CHARTS AFFECTED BY NOTICE TO MARINERS
NM 2/16 THROUGH NM 15/16

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

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61061	11	N12/16
61211	8	N2/16
61433	2	N3/16*
61434	3	N5/16*
62000	21	2/16*
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62090	8	N2/16*
62093	9	N3/16
62095	5	N3/16
62241	11	N5/16
62242	12	N5/16
62313	5	N2/16*
62367	1	N14/16
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63380	2	13/16
63390	2	5/16
63400	1	5/16
63410	6	4/16
63413	6	N4/16
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71333	2	2/16
71335	3	N15/16
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71350	8	6/16
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72021	8	15/16
72085	3	15/16
73000	9	8/16
73004	4	8/16
73006	2	8/16
73082	1	8/16
73393	2	N14/16*
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73580	4	7/16
73581	4	7,13/16
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82690	11	N3/16*
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91030	4	N14/16
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91240	5	11/16
91280	8	N11/16
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91300	4	N12/16*
91331	3	11,14/16
91340	4	N14/16
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92033	5	11/16
92090	2	14/16
92100	3	14/16
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92170	3	11/16
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92350	4	13/16
92356	2	13/16
92360	3	14/16
92380	4	N10,N14/16
92383	8	N10/16
92385	5	N10/16
92470	3	14/16
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93018	8	13/16
93020	2	5/16
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93047	2	5/16
93048	1	2/16
93049	1	5/16
93110	2	4/16
93113	3	N4/16
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93261	6	N13/16
93610	4	N15/16
93710	4	N4,N15/16
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93725	6	3,12/16
93726	5	3,12/16
93730	5	N3,N12/16
93733	14	N12/16
93734	13	N12/16
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95066	13	N9/16
95068	3	N3,N7,N9,N15/16
95087	4	N5/16
95162	3	N3/16
95180	13	N3/16
95250	4	11/16
95262	13	11/16
95263	1	N3,N5,N11/16
95266	2	N3/16
95267	6	9/16
95270	5	5,9,13/16
95274	4	3,5,13/16
95277	1	N13/16
95279	1	N3/16
96036	2	9/16
96041	12	N4/16
96042	12	N4,N8/16
96141	4	4/16
96181	5	4/16
96200	5	4/16
96938	4	4/16
96951	2	N14/16
96962	4	14/16
97005	9	7,11,14/16
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97090	1	N3/16
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97330	1	N2/16
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803455	1	N10/16
803468	1	N13/16
803496	1	N10/16
805647	2	N8/16**
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806973	1	N7,N9,N15/16
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809167	1	N12/16

SECTION II
NGA/DLIS CATALOG CORRECTIONS

Note: Underlining indicates that column in which a correction has been made or new information added.			Edition			
NGA Ref. No. (National Stk. No.)	Title	Scale = 1:	No.	Date	Price Category	NTM
	REGION 3					
35BHA35114 (7642015122540)	UKHO 2343, Gulf of Corryvreckan and Approaches	25,000	4	12/14	UKHO	15/16
35BHA35117 (7642015122542)	UKHO 2396, Sound of Jura - Southern Part	25,000	3	4/15	UKHO	15/16
	REGION 5					
52XHA52066 (7642014013018)	Mesa de Roldan to Isla de Los Terreros 36 53 30N 1 56 34W 37 21 48N 1 31 04W Plan: Puerto de Garrucha 37 10 19N 1 49 34W 37 11 15N 1 48 28W	50,000 7,500	4	12/15	DS	15/16
53ACO53160 (7642014013028)	Napoli to Anzio including Isola di Ustica	300,000	15	12/15	DS	15/16
	MISCELLANEOUS CHARTS AND PUBLICATIONS					
DNCDX009 (7644014332876)	Central Mediterranean		29	2/16	DS	15/16
DNCDXVDU (7644014946812)	Digital Nautical Chart (DNC) - VPF Database Update (VDU)		182	3/16	DS	15/16

Price Categories effective 1 October 2014

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

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

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

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CORRECTIONS TO C. G. LIGHT LIST, VOLUME I ATLANTIC COAST, 2016

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
6935.5	Mere Point Brunswick PD Boat Launch Buoy 5						*Remove from list.* * 15/16
6935.6	Mere Point Brunswick PD Boat Launch Buoy 6						*Remove from list.* * 15/16
29425	- Buoy 3	40-40-03.39N 73-14-38.44W *				Green can.	Maintained from Apr. 1 to Nov. 15. 15/16
30680	- Buoy 10	40-50-33.43N 72-32-25.84W *				Red nun.	Maintained from Apr. 15 to Nov. 1. 15/16
31435	- Buoy 75	40-38-39.96N 73-16-32.38W *				Green can.	Maintained from Apr. 1 to Nov. 15. 15/16
31436	- Buoy 76	40-38-34.95N 73-15-56.39W *				Red nun.	Maintained from Apr. 1 to Nov. 15. 15/16

CORRECTIONS TO C. G. LIGHT LIST, VOLUME II ATLANTIC COAST, 2016

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
445	*- Lighted Buoy 7*	36-51-31.32N 75-50-55.16W	Fl G 2.5s		6 *	Green.	15/16
475	*- Lighted Buoy 13*	36-54-03.21N 75-54-21.78W	Fl G 4s		6 *	Green.	15/16
710 29125	*Cape Lookout Breakwater Lighted Buoy 2*	34-37-06.92N 76-33-45.92W *	Q R		3	Red.	15/16
1910	- Buoy 43	39-22-08.36N 75-02-07.76W *				Green can.	15/16
4845	*- Lighted Wreck Buoy WR7A*						*Remove from list.* * 15/16
8560	POOLES ISLAND SOUTH RANGE REAR LIGHT 1,183 yards, 000° from front light.	39-18-07.02N 76-14-11.66W	Oc W 4s	72		On skeleton tower.	Lighted throughout 24 hours. DAY: Visible 1.5° either side of range line. NIGHT: Visible all around; higher intensity 1.5° either side of range line. * 15/16
8695	POOLES ISLAND NORTH RANGE FRONT LIGHT	39-18-31.43N 76-13-37.31W	Fl W 2.5s (Night) Fl W 2.5s (Day)	35 33		On skeleton tower on caisson.	Lighted throughout 24 hours. DAY: Visible 1.5° either side of range line. NIGHT: Visible all around; higher intensity 1.5° either side of range line. * 15/16
8700	POOLES ISLAND NORTH RANGE REAR LIGHT 1,221 yards, 227° from front light.	39-18-07.02N 76-14-11.66W	Oc W 4s (Night) Oc W 4s (Day)	69 72		On same structure as Pooles Island South Range Rear Light.	Lighted throughout 24 hours. DAY: Visible 1.5° either side of range line. NIGHT: Visible 4.0° either side of range line. * 15/16

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.*

CORRECTIONS TO C. G. LIGHT LIST, VOLUME II ATLANTIC COAST, 2016

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
13496	- EAST RANGE FRONT LIGHT	37-15-01.95N 76-20-49.89W	Q W (Night) F W (Day)	20 23		On multi-pile structure.	Lighted throughout 24 hours. DAY: Visible 1.5° either side of range line. NIGHT: Visible all around; higher intensity 1.5° either side of range line. * 15/16
13497	- EAST RANGE REAR LIGHT 1,398 yards, 076.6° from front light.	37-15-04.85N 76-20-32.98W	Iso W 6s (Night) F W (Day)	57 54		Skeleton tower on multi-pile structure.	Lighted throughout 24 hours. DAY: Visible 1.5° either side of range line. NIGHT: Visible all around; higher intensity 1.5° either side of range line. * 15/16
17125	- Channel Buoy 3A	38-13-58.82N 76-44-33.50W				Green can.	Maintained from Mar. 15 to Dec. 1. * 15/16
17205	- Buoy 9	38-13-18.83N 76-45-59.39W *				Green can.	Maintained from Mar. 15 to Dec. 1. 15/16
20485	- Buoy 14	39-12-36.64N 76-27-29.21W *				Red nun.	15/16
21975	- Daybeacon 1P *	37-43-30.63N 75-48-30.71W				SG on pile.	15/16
23060	- Channel Daybeacon 16	37-58-26.41N 76-00-07.70W *				TR on pile.	15/16
23095	- Channel Daybeacon 27	37-59-22.45N 76-00-37.16W *				SG on pile.	15/16
23510	- CHANNEL LIGHT 6	38-07-39.91N 75-56-47.71W *	Fl R 4s	16	3	TR on slatted pile structure.	15/16
24995	HAMBROOKS BAR WARNING LIGHT *	38-35-42.24N 76-04-51.14W	Fl W 2.5s (R sector)	19	W 6 R 5	NW on white cylindrical structure on red base worded DANGER. *	Red from 312° to 335° covers shoal south side of river at entrance to Cambridge. 15/16
26095	- Daybeacon 12 *	38-48-38.06N 76-12-33.56W *				TR on pile. *	15/16
29125 710	*Cape Lookout Breakwater Lighted Buoy 2*	34-37-06.92N 76-33-45.92W *	Q R		3	Red.	15/16
29345	*- Channel Lighted Buoy 7*	34-38-53.36N 76-40-38.09W	Q G		5 *	Green.	15/16
34745	- LIGHT 58	34-42-07.96N 76-36-45.55W	Fl R 2.5s	15	4 *	TR on pile.	15/16
35205	- LIGHT 56	39-41-22.11N 74-09-44.05W	Fl R 4s	15	4 *	TR-TY on pile.	15/16

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.

CORRECTIONS TO C. G. LIGHT LIST, VOLUME II ATLANTIC COAST, 2016

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks	
35647	- Buoy 160A	39-26-47.52N 74-23-28.92W				Red nun with yellow triangle.	Maintained from May 1 to Nov. 1. Removed when endangered by ice. *	15/16

CORRECTIONS TO C. G. LIGHT LIST, VOLUME III ATLANTIC AND GULF COAST, 2016

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks	
3750.7	- Buoy 16	32-38-43.21N 79-58-24.41W *				Red nun.		15/16
10680.5	LUMMUS ISLAND TURNING BASIN LIGHT D	25-45-58.27N 80-10-12.68W	Q Y	16	4 *	NY on pile.		15/16
11455	- WEST SHOAL PREFERRED CHANNEL LIGHT	25-18-15.65N 80-12-50.27W	Fl (2+1) G 6s	16	4 *	JG on pile.		15/16
15005	- LIGHT 8	24-35-39.95N 81-48-01.59W	Fl R 4s	12	5 *	TR on pile.		15/16
35410	- Daybeacon 1						*Remove from list.* *	15/16
35415	- Daybeacon 2						*Remove from list.* *	15/16
50125	- LIGHT 10	25-22-47.59N 80-16-17.28W	Fl R 6s	16	5 *	TR-TY on pile.		15/16
50235	- LIGHT 26	25-16-36.35N 80-22-02.82W	Fl R 6s	16	5 *	TR-TY on pile.		15/16

CORRECTIONS TO C. G. LIGHT LIST, VOLUME IV GULF OF MEXICO, 2016

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks	
655	*Fugro Metocean Lighted Buoy*	26-41-28.45N 90-27-27.82W *	Fl Y 2.5s			Yellow.	SIGN: FUGRO-WR-294. Private aid.	15/16
12022	MOEM BONNIES BAY PIPELINE LIGHT A *	29-23-55.98N 89-34-19.96W	Fl Y 2.5s			Marks submerged pipeline.	Private aid.	15/16
12022.01	MOEM BONNIES BAY PIPELINE LIGHT B *	29-23-57.09N 89-34-21.35W	Fl Y 2.5s			Marks submerged pipeline.	Private aid.	15/16
12032	MOEM GASPER BAY PIPELINE LIGHT A *	29-27-46.53N 89-34-50.70W	Fl Y 2.5s			Marks submerged pipeline.	Private aid.	15/16
12072	MOEM LONG BAY PIPELINE LIGHT A *	29-29-31.64N 89-34-39.86W	Fl Y 2.5s			Marks submerged pipeline.	Private aid.	15/16

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.*

CORRECTIONS TO C. G. LIGHT LIST, VOLUME VI PACIFIC COAST AND PACIFIC ISLANDS, 2016

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks	
8792	*- Channel Lighted Buoy 6*	43-21-03.89N 124-19-52.08W	Fl R 2.5s		4	Red.		
					*			15/16
11680	- DIKE LIGHT 82	45-34-54.68N 122-06-24.77W	Fl R 4s	18	4	TR on dolphin.		
					*			15/16
13385	- LIGHT 35	46-26-07.85N 118-38-38.72W	Fl G 2.5s	21	4	SG on tower.		
					*			15/16
13425	- LIGHT 47	46-30-01.57N 118-37-13.55W	Fl G 2.5s	18	5	SG on platform.		
					*		*	15/16
13470	- LIGHT 56	46-31-58.21N 118-33-59.68W	Fl R 4s	13	5	TR on platform.		
					*		*	15/16
15571	*- Entrance Lighted Whistle Buoy 8*	46-54-28.59N 124-11-00.30W	Q R		4	Red.		
		*						15/16
*17208	- Obstruction V-AIS 3	47-16-28.45N 122-22-54.97W					AIS: MMSI 993692046 (21).	
								15/16
18115	- ENTRANCE LEADING LIGHT	47-39-59.67N 122-24-10.74W	Oc R 4s	22		NR on multi-pile structure.	Visible 1.5° each side of range line.	
		*		*				15/16
18820	- RANGE FRONT LIGHT	48-21-32.95N 122-33-57.67W	Q W	17		KRW on multi-pile structure.	Visible all around; higher intensity on range line.	
		*		*				15/16
18825	- RANGE REAR LIGHT 1,081 yards, 252° from front light.	48-21-21.94N 122-34-48.33W	Iso W 6s	55		KRW on skeleton tower on multi-pile structure.	Visible 14° each side of range line.	
		*		*				15/16
19455	BLACK ROCK LIGHT 9	48-32-45.17N 122-45-56.95W	Fl G 4s	10	4	SG on skeleton tower.		
		*						15/16

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.

CORRECTIONS TO PUB 112, LIST OF LIGHTS, 2015 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks	
*20001.5 *P 3359.225*	-Bohe S. Reef.	20° 50.1′ N 110° 37.1′ E	**Fl.(2)W.** period 5s	13 **4**	4	ISOLATED DANGER BRB, tower, topmark; 13.		15/16
*20001.55 *P 3359.275*	-Yingming Cun.	20° 52.1′ N 110° 34.7′ E	**Q.W.**	13 **4**	4	White metal pile, red bands; 13.		15/16
*20002 *P 3360.43*	-Haitougong Reef.	20° 56.0′ N 110° 38.3′ E	**Q.W.**	13 **4**	4	White metal pile, red bands; 13.		15/16
*20012.05 *P 3359.72*	Liangwu Cun.	20° 56.7′ N 110° 35.1′ E	**Fl.W.** period 3s	13 **4**	4	White metal pile, red bands; 13.		15/16
*20012.7 *P 3368.64*	Paisha Qiantan.	20° 54.3′ N 110° 31.3′ E	**Iso.R.** period 4s	13 **4**	4	White metal pile, red bands; 13.		15/16

CORRECTIONS TO PUB 113, LIST OF LIGHTS, 2015 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks	
*3862.5 *D 2315.75*	- -Canal.	37° 11.4′ N 6° 57.9′ W	**Fl.(2+1)R.**		3	Red and green post.		15/16
3912 *D 2355.4*	- -Mole, head.	36° 36.9′ N 6° 21.0′ W	**Fl.(3)R.** period 10s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 5.5s	33 **10**	5	Red mast, red hut; 10.		15/16
5368 *E 0200*	**-Dique del Norte,** breakwater, elbow.	39° 27.3′ N 0° 17.2′ W	**Fl.W.** period 10s fl. 0.8s, ec. 9.2s	115 **35**	**24**	Yellow and black octagonal tower, three white bands; 72.	**AIS** (MMSI No 992241055).	15/16
17516 *N 4962*	Dalyan Burnu, at extremity.	41° 15.3′ N 29° 02.4′ E	**Fl.(3)W.R.** period 10s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 5.5s	75 **23**	W. 10 R. 7	White metal framework tower; 20.	W. 105°-162°, R.-175°, W.-346°, R.-105°. **AIS** (MMSI No 992711036).	15/16
24372 *D 2984*	Nouakchott, wharf, head.						*Remove from list.*	15/16
24374 *D 2986.5*	-S. mole, head.	17° 59.2′ N 16° 02.3′ W	**Oc.R.** period 3s	49 **15**	5	White pylon; 33.		15/16

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.

CORRECTIONS TO PUB 114, LIST OF LIGHTS, 2015 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
7820 *A 1770*	-Passe del'Ouest Kerjean.	48° 47.8′ N 3° 23.4′ W	**Dir.Oc.(2+1)W.R.G.** period 12s lt. 4s, ec. 1s lt. 4s, ec. 1s lt. 1s, ec. 1s	256 **78**	W. 10 R. 8 G. 8	White tower, black top; 52.	G. 133°42′-143°12′, W.-144°48′, R.-154°18′.
	*		*		*		15/16

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.*

PUBLICATIONS AFFECTED BY NOTICE TO MARINERS
THROUGH NM 15/16

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

Publication	Ed.	Notice to Mariners No.
NGA/DLIS CATALOGS CATCDNMCI		
Region 1	2015	51*,52/15;1,2,3,5,6,7,8,9,10,13,14/16
Region 2	2015	51/15*;1,3,5,6,8/16
Region 3	2015	51*,52/15;1,2,3,5,6,7,9,10,13,14,15/16
Region 4	2015	51/15*;2,5,10/16
Region 5	2015	51/15*;2,3,4,5,9,10,12,15/16
Region 6	2015	51*,52/15;2,3,5,6,14/16
Region 7	2015	51*,52/15;14/16
Region 8	2015	51/15*;3,5,10/16
Region 9	2015	51/15*;12/16
Miscellaneous Charts and Publications	2015	51*,52/15;1,2,4,5,6,7,8,9,10,11,13,14,15/16
NGA LIST OF LIGHTS		
PUB 110	2015	17*,19,22,28,33,40,44,45/15;2,4,5,6,7,8,9/16
PUB 111	2015	23*,25,26,27,28,30,50/15;3,5,10,14/16
PUB 112	2015	48*,49,51,52/15;2,3,4,5,6,7,8,9,10,11,12,13,14,15/16
PUB 113	2015	38*,39,40,41,42,43,44,45,46,47,48,49,50,51,52/15;1,2,3,4,5,6,7,8,9,10,11,12,13,14,15/16
PUB 114	2015	28/15*;2,6,13,15/16
PUB 115	2015	44*,48,49/15;9/16
PUB 116	2015	31*,36,37,38,41,42,49,50/15;4,5,6,7,8,13/16
SAILING DIRECTIONS		
PUB 120	2015	8*,16,24,47/15;10/16
PUB 123	2014	36/14*;7,26/15;6/16
PUB 124	2014	34/14*;11/15;6/16
PUB 125	2014	39*,49/14;14,31/15
PUB 126	2014	32/14*;52/15
PUB 127	2014	33/14*;8/15
PUB 131	2014	41/14*;25/15;7/16
PUB 132	2014	48/14*;38,47/15
PUB 140	2015	4*,20/15
PUB 141	2015	50/15*
PUB 142	2015	48/15*
PUB 143	2014	45/14*;17/15;7/16
PUB 145	2014	42/14*;8/15
PUB 146	2014	43/14*;12/15
PUB 147	2015	5/15*;9/16
PUB 148	2014	52/14*;44/15
PUB 153	2014	50/14*;26/15
PUB 154	2014	38/14*;16,43/15
PUB 155	2014	33/14*;11,34/15;10/16
PUB 157	2015	43/15*
PUB 158	2014	43/14*;14/15
PUB 159	2015	32/15*
PUB 160	2016	13/16*
PUB 161	2014	48/14*
PUB 162	2014	34/14*;8/15
PUB 163	2015	7/15*
PUB 164	2015	18/15*
PUB 171	2015	21*,43/15;11/16
PUB 172	2014	33*,49/14;19,40/15
PUB 173	2014	48/14*;13,41/15;10/16
PUB 174	2016	4/16*
PUB 175	2014	38/14*
PUB 180	2014	38/14*;1/15;8/16
PUB 181	2014	36/14*;36/15
PUB 182	2015	36,48/15;13/16
PUB 183	2014	44/14*;20/15;10/16
PUB 191	2014	45/14*;18/15
PUB 192	2014	32*,49/14;51/15
PUB 193	2014	33/14*;1,24/15
PUB 194	2014	42/14*;9,28/15;10/16
PUB 195	2014	46/14*;13/15
PUB 200	2014	2/15*;5/16
USCG LIGHT LIST VOLUMES I - VII		
VOLUME I	2016	4*,5,6,7,8,9,10,11,12,13,14,15/16
VOLUME II	2016	4*,5,6,7,8,9,10,11,12,13,14,15/16
VOLUME III	2016	4*,5,6,7,8,9,10,11,12,13,14,15/16
VOLUME IV	2016	4*,5,6,8,10,11,12,13,14,15/16
VOLUME V	2016	4/16*
VOLUME VI	2016	4*,5,6,7,8,9,10,11,12,13,14,15/16
VOLUME VII	2016	4*,5,6,7,8,10,11,13,14/16
DIGITAL PUBS - QUARTERLY		
DIGITAL PUBS - QUARTERLY	2015	N4/16*
FLEET GUIDES		
PUB 940	2015	N6/15*
PUB 941	2015	N6*,N13,N31/15
NOS MISCELLANEOUS PUBLICATIONS		
CATALOG A	2012	22/12*
CATALOG G	2012	18/12*
CATALOG K	2012	34/12*
CATALOG L	2012	27/12*
CATALOG P	2012	32/12*
ALMANACS		
AIR ALMANAC	2016	38/15*
NAUTICAL ALMANAC	2016	24/15*
COAST PILOT		
COAST PILOT 1	45	16*,22,24,34,35,46,47/15
COAST PILOT 2	45	45/15*;5/16
COAST PILOT 3	49	6*,7,9,10/16
COAST PILOT 4	47	38*,49,52/15;1,2,3,7/16
COAST PILOT 5	43	21*,23,31,35,37,47,48,51/15;5,6,9/16
COAST PILOT 6	46	10*,13/16
COAST PILOT 7	48	1*,2,4,5,6,7,13/16
COAST PILOT 8	37	25*,38,43,48/15;5/16
COAST PILOT 9	33	33*,35,38/15
RADIO NAVIGATIONAL AIDS		
PUB 117	2014	51/14*
AMERICAN PRACTICAL NAVIGATOR		
PUB 9	2002	36/02*;14,38/03;40/05
INTERNATIONAL CODE OF SIGNALS		
PUB 102	2003	20/03*
WORLD PORT INDEX		
PUB 150	2016	52/15*
DISTANCES BETWEEN PORTS		
PUB 151	2001	4/02*
RADAR NAVIGATION AND MANEUVERING BOARD MANUAL		
PUB 1310	2001	51/01*
SIGHT REDUCTION TABLES (MARINE)		
PUB 229 VOL. 1	1970	11/71*
PUB 229 VOL. 2	1970	11/71*
PUB 229 VOL. 3	1970	7/71*
PUB 229 VOL. 4	1970	3/71*
PUB 229 VOL. 5	1970	3/71*
PUB 229 VOL. 6	1970	23/70*
SIGHT REDUCTION TABLES (AIR)		
PUB 249 VOL. 1	2007	38/07*
PUB 249 VOL. 2	1952	46/52*
PUB 249 VOL. 3	1952	46/52*
CHART NO. 1		
CHART NO. 1	2013	25/13*;49/14
CHART NO. 4		
CHART NO. 4	1988	N23/91*
ATLAS OF PILOT CHARTS		
PUB 106	2002	42/03*
PUB 107	1998	30/99*
PUB 109	2001	49/02*
USCG NAVIGATION RULES		
NAVIGATION RULES AND REGULATIONS	2014	38*,51/14;37,41,50/15
NOS TIDE TABLES		
EAST PACIFIC	2016	N1/16*
W PACIFIC/INDIAN OCEAN	2016	N1/16*
WEST ATLANTIC	2016	N1/16*
EUROPE/WEST AFRICA	2016	N1/16*
TIDAL CURRENT TABLES		
PACIFIC	2016	N1/16*
ATLANTIC	2016	N1/16*

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 300845Z March 2016:

2012 series	408(14)	446(28)	883(11,28)	34(26)	198(GEN)
286(GEN)	409(14)	524(27,28)	893(24)	49(25)	206(24,26)
610(GEN)	836(28)	545(28)	912(28)	95(24)	221(24,25)
2013 series	864(24)	561(11,27,28)	917(24,26)	104(24)	234(GEN)
286(24)	1079(24)	604(25)	987(28)	120(24)	238(28)
2014 series	2015 series	805(15,38)	1049(24)	152(28)	240(GEN)
104(28)	56(24)	806(15,38)	1079(28)	168(24)	
116(28)	259(11)	828(26)	1084(28)	170(24,25,26)	
157(28)	423(24,26)	839(26)	2016 series	180(28)	
407(14)	443(38)	846(26)	25(26,27)	188(24,25,26)	

The summary of all NAVAREA IV messages in force as of 16 December 2015 is given in Section III of NM 52/15. Warnings issued during the subsequent quarter are issued in NM 13/16.

NAVAREA IV WARNINGS issued from 230915Z to 300845Z March 2016.

227/16 thru 233/16. CANCELED.

234/16(GEN).
1. NAVAREA IV WARNINGS IN FORCE 270900Z MAR 16.
2012 SERIES: 286(GEN), 610(GEN).
2013 SERIES: 286(24).
2014 SERIES: 104(28), 116(28), 157(28), 407(14), 408(14), 409(14), 836(28), 864(24), 1079(24).
2015 SERIES: 56(24), 259(11), 423(24,26), 443(38), 446(28), 524(27,28), 545(28), 561(11,27,28), 604(25), 805(15,38), 806(15,38), 828(26), 839(26), 846(26), 883(11,28), 893(24), 912(28), 917(24,26), 987(28), 1049(24), 1079(28), 1084(28).
2016 SERIES: 25(26,27), 34(26), 49(25), 95(24), 104(24), 120(24), 152(28), 168(24), 170(24,25,26), 180(28), 188(24,25,26), 198(GEN), 206(24,26), 221(24,25), 231(25), 233(GEN).
2. THE SUMMARY OF ALL NAVAREA IV WARNINGS IN FORCE AS OF 16 DEC 2015 IS GIVEN IN SEC III OF NM 52/15. WARNINGS ISSUED DURING THE SUBSEQUENT QUARTERS ARE SUMMARIZED IN NM 13/16.
3. CANCEL NAVAREA IV 218/16.

(270950Z MAR 2016)

235/16 thru 237/16. CANCELED.

238/16(28).
BAY OF CAMPECHE.
MEXICO.
CHART 28320.
RIO NAUTLA LIGHT 20-14.1N 096-47.4W UNRELIABLE.

(282235Z MAR 2016)

239/16. CANCELED.

240/16(GEN).
NORTH AMERICAN ICE SERVICE (NAIS) ICEBERG BULLETIN.
1. 300001Z MAR ICEBERG LIMIT ALONG TRACKLINE JOINING 46-39N 053-10W, 44-15N 048-30W, 44-30N 045-30W, 47-00N 043-00W, 51-00N 043-00W, 54-00N 043-15W, 56-00N 048-45W.
2. ESTIMATED ICEBERG LIMIT ALONG TRACKLINE JOINING 56-00N 048-45W, 57-00N 036-00W, 65-00N 034-00W, 66-00N 028-00W.
3. WESTERN ICEBERG LIMIT ALONG TRACKLINE BETWEEN 51-26N 056-57W AND 51-16N 056-42W.
4. SEA ICE LIMIT ALONG TRACKLINES JOINING:
A. 47-50N 052-45W, 46-15N 045-35W, 54-20N 051-10W, 56-45N 057-20W, 58-00N 057-30W.
B. 45-55N 059-50W, 46-35N 059-10W, 48-20N 061-35W, 49-35N 060-45W, 49-40N 058-30W, 48-25N 059-30W, 48-10N 058-55W.

C. 58-00N 057-30W, 60-30N 058-50W, 62-00N 057-20W.
5. MOST RECENT RECONNAISSANCE:
INTERIOR GENERAL FLIGHT 29MAR16
6. REPORT POSITION AND TIME OF ANY ICEBERGS SEA
ICE OR STATIONARY RADAR TARGETS THAT MAY LIKELY
BE ICE TO THE NEAREST CANADIAN COAST GUARD MARINE
COMMUNICATIONS AND TRAFFIC SERVICE STATION OR
USING INMARSAT CODE 42.
7. CANCEL THIS MSG 310001Z MAR 16.

(292210Z MAR 2016)

241/16 and 242/16. CANCELED.

HYDROLANTS

Messages in force 300845Z March 2016:

2011 series	2148(36)	3227(52)	375(24)	657(52)	732(56)
881(56)	2155(37)	3228(52,53)	392(24)	658(25)	739(52,53,56)
2012 series	2177(24)	2016 series	420(24)	671(51)	741(54,56)
641(35,43)	2226(37)	5(54)	432(24)	680(GEN)	745(52,56)
2501(37)	2440(35)	7(54)	463(37)	686(54)	746(23,29)
2013 series	2572(24)	8(54)	468(52)	692(51)	747(55)
1390(55)	2851(37)	9(54)	492(55)	696(55)	748(44)
2044(35)	2863(35)	11(54)	493(55)	697(36,37)	749(57)
2758(57)	2926(24)	12(23)	502(51)	698(52)	750(35,37,43)
2849(35)	2942(57)	14(54)	503(55)	701(54,56)	752(55)
2014 series	2971(51)	15(54)	508(35)	704(37)	753(55)
1995(51)	2998(36)	16(54)	542(35)	705(54)	754(55)
2015 series	3007(24)	18(54)	567(35)	706(54,56)	755(54,56)
9(GEN)	3024(37)	19(54)	572(24)	707(25)	756(52,56)
1056(35)	3039(24)	20(54)	582(52,53)	718(25)	757(37)
1255(57)	3084(24)	34(55)	585(24)	719(24)	758(37)
1291(37,43)	3114(36)	171(24)	599(37,43)	722(25)	759(53,54)
1332(35,43)	3153(24)	198(24)	607(37,43)	725(35,37)	760(24)
1333(37,43)	3191(54)	235(24)	621(52,53)	726(24)	761(23)
1467(37,43)	3192(54)	246(51)	622(GEN)	727(27)	762(56)
1511(36)	3193(54)	313(24)	629(36)	728(52,56)	
1672(36)	3210(55)	341(55)	630(26)	729(24)	
2020(35)	3217(24)	369(37)	653(23,24)	731(25)	

The summary of all HYDROLANTS in force as of 16 December 2015 is given in Section III of NM 52/15. Warnings issued during the subsequent quarter are issued in NM 13/16.

HYDROLANT WARNINGS issued from 230915Z to 300845Z March 2016.

704/16(37).
ENGLISH CHANNEL.
DOVER STRAIT.
DNC 20.
CHART 37115.
VERGOYER NW BUOY 50-37.2N 001-17.9E MISSING.

(231116Z MAR 2016)

705/16(54).
AEGEAN SEA.
GUNNERY.
DNC 09.
1. GUNNERY EXERCISES 0600Z TO 1300Z DAILY
23 AND 24 MAR, 0500Z TO 1200Z DAILY
28, 29, 31 MAR, 04, 11, 18 THRU 21
AND 25 THRU 28 APR,
300500Z TO 300745Z AND 301115Z TO 301200Z MAR,
0500Z TO 0645Z AND 1045Z TO 1200Z DAILY
05 THRU 07 AND 14 APR,
0500Z TO 0645Z AND 1115Z TO 1145Z DAILY
12 AND 13 APR IN AREA BOUND BY
36-56N 023-29E, 36-42N 023-32E,
36-41N 023-48E, 36-47N 023-55E.
2. CANCEL HYDROLANT 515/16.
3. CANCEL THIS MSG 281300Z APR 16.

(231133Z MAR 2016)

706/16(54,56).
EASTERN MEDITERRANEAN SEA.
HAZARDOUS OPERATIONS.
DNC 10.
1. HAZARDOUS OPERATIONS 0500Z TO 1500Z DAILY
25 MAR THRU 01 APR IN AREA BETWEEN
35-08N 34-49N AND 035-04E 035-27E.
2. CANCEL THIS MSG 011600Z APR 16.

(231250Z MAR 2016)

707/16(25).
EASTERN CARIBBEAN SEA.
MARTINIQUE.
DNC 14.
42 FOOT S/V ISLAND TIME, FIVE PERSONS ON BOARD,
DISABLED AND ADRIFT IN 14-25N 062-16W
AT 231450Z MAR. VESSELS IN VICINITY REQUESTED
TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO MRCC FORT DE FRANCE,
INMARSAT-C: 422799024, TELEX: 42912008,
PHONE: 5965 9670 9292, FAX: 5965 9663 2450,
E-MAIL: ANTILLES@MRCCFR.EU.

(231645Z MAR 2016)

708/16 thru 717/16. CANCELED.

718/16(25).
EASTERN CARIBBEAN SEA.
SAINT LUCIA.
DNC 14.
FIVE METER M/V LET ME GO, GREY AND BLUE HULL,
TWO PERSONS ON BOARD, OVERDUE VICINIGY
GROS ISLET (14-04N 060-57W).
VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,
ASSIST IF POSSIBLE. REPORTS TO MRCC FORT DE FRANCE,
INMARSAT-C: 422799024, TELEX: 42912008,
PHONE: 5965 9670 9292, FAX: 5965 9663 2450,
E-MAIL: ANTILLES@MRCCFR.EU.

(242317Z MAR 2016)

719/16(24).
BRAZIL-SOUTHEAST COAST.
HAZARDOUS OPERATIONS.
DNC 01.
1. HAZARDOUS OPERATIONS 0900Z TO 2130Z DAILY
30 MAR THRU 01 APR IN AREA BOUND BY
22-58.72S 042-02.15W, 23-01.00S 042-00.00W,
23-07.00S 042-00.00W, 23-07.00S 042-04.48W,
23-01.20S 042-04.48W.
2. CANCEL THIS MSG 012230Z APR 16.

(250355Z MAR 2016)

720/16 and 721/16. CANCELED.

722/16(25).
WESTERN NORTH ATLANTIC.
DNC 16.
DISTRESS SIGNAL RECEIVED ON 406 MHZ VICINITY
25-09.2N 067-35.1W. VESSELS IN VICINITY REQUESTED
TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO RSC SAN JUAN, PHONE: 787 289 2042,
E-MAIL: SSJCC@USCG.MIL.

(251200Z MAR 2016)

723/16 and 724/16. CANCELED.

725/16(35,37).
ENGLAND-EAST COAST.
DNC 20.
UNDERWATER OPERATIONS IN PROGRESS UNTIL
FURTHER NOTICE BY CABLESHIP ILE D'AIX
VICINITY 54-15.6N 000-01.4E.
WIDE BERTH REQUESTED.

(260820Z MAR 2016)

726/16(24).
BRAZIL-SOUTHEAST COAST.
HAZARDOUS OPERATIONS.
DNC 01.
1. HAZARDOUS OPERATIONS 310001Z MAR TO 020100Z APR
IN AREA BETWEEN
21-00.5S 20-53.0S AND 040-53.0W 040-43.0W.
2. CANCEL THIS MSG 020200Z APR 16.

(261042Z MAR 2016)

727/16(27).
WESTERN CARIBBEAN SEA.
CUBA-SOUTH COAST.
DNC 15.
DISTRESS SIGNAL RECEIVED ON 406 MHZ FROM
VESSEL CALICO JACK IN 21-04.13N 079-25.47W.
VESSELS IN VICINITY REQUESTED TO KEEP
A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO MRCC GRIS NEZ, TELEX: 42130680,
PHONE: 333 2187 2187, FAX: 333 2187 7855.

(262146Z MAR 2016)

728/16(52,56).
EASTERN MEDITERRANEAN SEA.
LIBYA.
DNC 08, DNC 09.
TWO VESSELS, NUMEROUS PERSONS ON BOARD,
REQUESTING ASSISTANCE IN:
A. 33-14N 012-33E.
B. 33-07N 012-49E.
VESSELS IN VICINITY REQUESTED TO KEEP
A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO MRCC ROME, INMARSAT-C: 424744220,
PHONE: 3906 5908 4527, 3906 5908 4409,
FAX: 390 6592 2737, 3906 5908 4793,
E-MAIL: ITMRCC@MIT.GOV.IT.

(270620Z MAR 2016)

729/16(24).
BRAZIL-SOUTHEAST COAST.
DNC 01.
1. SEISMIC SURVEY 26 MAR THRU 02 APR BY
M/V NPS SIGMA IN AREA BOUND BY
21-00.6S 039-44.0W, 21-11.4S 039-39.3W,
21-16.4S 039-53.0W, 21-06.1S 039-57.4W.
2. CANCEL THIS MSG 03 APR 16.

(270805Z MAR 2016)

730/16. CANCELED.

731/16(25).
WESTERN NORTH ATLANTIC.
DNC 16.
S/V PATRIACH DISABLED AND ADRIFT DUE TO STEERING DIFFICULTIES
IN 23-09N 062-50W AT 270114Z MAR. VESSELS IN VICINITY
REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO RSC SAN JUAN, PHONE: 787 289 2041.

(270905Z MAR 2016)

732/16(56).
EASTERN MEDITERRANEAN SEA.
LIBYA.
DNC 09.
VESSEL, NUMEROUS PERSONS ON BOARD, REQUESTING ASSISTANCE
IN 32-43N 014-53E. VESSELS IN VICINITY REQUESTED
TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO MRCC ROME, INMARSAT-C: 424744220,
PHONE: 3906 5908 4527, 3906 5908 4409,
FAX: 390 6592 2737, 3906 5908 4793,
E-MAIL: ITMRCC@MIT.GOV.IT.

(270920Z MAR 2016)

733/16 thru 738/16. CANCELED.

739/16(52,53,56).
EASTERN MEDITERRANEAN SEA.
LIBYA.
DNC 08, DNC 09.
SEARCH AND RESCUE OPERATIONS IN AREA BETWEEN
33-00N 33-30N AND 012-15E 012-45E.
VESSELS IN VICINITY REQUESTED TO KEEP A SHARP
LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO MRCC ROME, INMARSAT-C: 424744220,
PHONE: 3906 5908 4527, 3906 5908 4409,
FAX: 390 6592 2737, 3906 5908 4793,
E-MAIL: ITMRCC@MIT.GOV.IT.

(280847Z MAR 2016)

740/16. CANCELED.

741/16(54,56).
EASTERN MEDITERRANEAN SEA.
CRETE.
DNC 09, DNC 10.
1. UNDERWATER OPERATIONS BY M/V AEGAEO:
A. 291300Z MAR TO 031600Z APR
IN AREA BETWEEN
33-35.0N 34-00.0N AND 024-10.0E 024-43.0E.
B. 032000Z TO 040500Z APR
IN 34-40.0N 024-22.0E.
C. 041000Z TO 041900Z APR
IN 35-02.0N 023-28.0E.
D. 050800Z TO 052100Z APR
IN 34-24.0N 026-15.1E.
WIDE BERTH REQUESTED.
2. CANCEL THIS MSG 052200Z APR 16.

(281212Z MAR 2016)

742/16 thru 744/16. CANCELED.

745/16(52,56).
EASTERN MEDITERRANEAN SEA.
LIBYA.
DNC 08, DNC 09.
VESSEL, 125 PERSONS ON BOARD, REQUESTING ASSISTANCE
IN 33-03N 012-50E. VESSELS IN VICINITY REQUESTED
TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO MRCC ROME, INMARSAT-C: 424744220,
PHONE: 3906 5908 4527, 3906 5908 4409,
FAX: 390 6592 2737, 3906 5908 4793,
E-MAIL: ITMRCC@MIT.GOV.IT.

(290140Z MAR 2016)

746/16(23,29).
WESTERN SOUTH ATLANTIC.
SCOTIA SEA.
ICE.
DNC 01.
1. ICEBERGS REPORTED IN:
A. A56, 52-19S 033-27W.
B. B15X 55-16S 036-08W.
C. 50-10S 029-22W.
D. 52-21S 025-44W.
2. CANCEL THIS MSG 010901Z APR 16.

(290901Z MAR 2016)

747/16(55).
BLACK SEA.
TURKEY.
HAZARDOUS OPERATIONS.
DNC 10.
1. HAZARDOUS OPERATIONS 301400Z MAR TO 041730Z APR
IN AREA BOUND BY
42-29N 036-50E, 42-40N 037-42E,
42-14N 039-10E, 41-28N 039-24E,
41-18N 039-08E, 41-27N 037-20E,
41-50N 036-40E.
2. CANCEL THIS MSG 041830Z APR 16.

(290907Z MAR 2016)

748/16(44).
EASTERN BALTIC SEA.
LITHUANIA.
HAZARDOUS OPERATIONS.
DNC 22.
1. HAZARDOUS OPERATIONS 0600Z TO 1400Z DAILY
01 AND 04 THRU 06 APR IN AREA BOUND BY
55-37N 020-46E, 55-34N 021-00E,
55-25N 021-00E, 55-22N 020-46E,
55-25N 020-42E, 55-34N 020-42E.
2. CANCEL THIS MSG 061500Z APR 16.

(290922Z MAR 2016)

749/16(57).
EASTERN SOUTH ATLANTIC.
NAMIBIA.
DNC 01.
1. UNDERWATER OPERATIONS IN PROGRESS UNTIL
FURTHER NOTICE BY:
A. M/V CORAL SEA IN 28-43.7S 015-54.9E.
B. M/V GARIEP IN 28-35.3S 015-55.5E.
C. M/V GRAND BANKS IN 28-36.6S 015-52.7E.
D. M/V MAFUTA IN 28-43.0S 016-11.0E.
TWO MILE BERTH REQUESTED.
2. CANCEL HYDROLANT 714/16.

(290944Z MAR 2016)

750/16(35,37,43).
NORTH SEA.
DNC 20, DNC 21.
CHART 35004, 35005.
NAVIGATION PROHIBITED WITHIN 500 METERS OF:
A. 57-04.74N 002-04.91E.
B. 57-35.51N 000-22.96E.
C. 57-40.04N 000-40.30E.

(291035Z MAR 2016)

751/16. CANCELED.

752/16(55).
BLACK SEA.
RUSSIA.
GUNNERY.
DNC 10.
1. GUNNERY EXERCISES 0500Z TO 1600Z DAILY
30 MAR THRU 01 APR IN AREA BOUND BY
45-06.7N 036-44.0E, 45-07.5N 036-49.0E,
44-55.0N 037-02.0E, 44-55.0N 036-42.0E.
2. CANCEL THIS MSG 011700Z APR 16.

(291222Z MAR 2016)

753/16(55).
BLACK SEA.
TURKEY.
HAZARDOUS OPERATIONS.
DNC 10.
1. HAZARDOUS OPERATIONS 301400Z MAR TO 041730Z APR
IN AREA BOUND BY
42-29N 036-50E, 42-40N 037-42E,
42-14N 039-10E, 41-28N 039-24E,
41-18N 039-08E, 41-27N 037-20E,
41-50N 036-40E.
2. CANCEL THIS MSG 041830Z APR 16.

(291231Z MAR 2016)

754/16(55).
BLACK SEA.
UKRAINE.
DNC 10.
CHART 55140.
1. NAVIGATION PROHIBITED 31 MAR THRU 31 DEC
IN AREA BOUND BY
44-29.9N 033-29.5E, 44-30.3N 033-30.4E,
44-29.0N 033-30.4E, 44-29.0N 033-28.1E.
2. CANCEL THIS MSG 01 JAN 17.

(291239Z MAR 2016)

755/16(54,56).
EASTERN MEDITERRANEAN SEA.
LIBYA.
EGYPT.
DNC 09, DNC 10.
1. SEISMIC SURVEY IN PROGRESS UNTIL 06 MAY
BY M/V ATLANTIC EXPLORER TOWING
12500 METER LONG CABLE IN AREA BOUND BY
33-22N 026-29E, 31-39N 025-15E,
30-53N 028-59E, 33-24N 029-01E.
WIDE BERTH REQUESTED.
2. CANCEL HYDROLANT 744/16.
3. CANCEL THIS MSG 07 MAY 16.

(291250Z MAR 2016)

756/16(52,56).
EASTERN MEDITERRANEAN SEA.
LIBYA.
DNC 08, DNC 09.
VESSEL, 120 PERSONS ON BOARD, REQUESTING ASSISTANCE
IN 33-00N 012-30E AT 291046Z MAR. VESSELS IN VICINITY
REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO MRCC ROME, INMARSAT-C: 424744220,
PHONE: 3906 5908 4527, 3906 5908 4409,
FAX: 390 6592 2737, 3906 5908 4793,
E-MAIL: ITMRCC@MIT.GOV.IT.

(291259Z MAR 2016)

757/16(37).
SOUTHERN NORTH SEA.
DOVER STRAIT.
DNC 20.
CHART 37120.
1. HINDER 1 BUOY 51-20.8N 002-11.0E OFF STATION.
2. CANCEL HYDROLANT 382/16.

(291523Z MAR 2016)

758/16(37).
ENGLISH CHANNEL.
DNC 20.
1. DERELICT LIFEBOAT ADRIFT IN 50-05N 000-44W
AT 291400Z MAR.
2. CANCEL HYDROLANT 740/16.
3. CANCEL THIS MSG 011530Z APR 16.

(291530Z MAR 2016)

759/16(53,54).
IONIAN SEA.
DNC 09.
VESSEL IN NEED OF ASSISTANCE IN 37-22N 017-48E.
VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,
ASSIST IF POSSIBLE. REPORTS TO MRCC ROME,
INMARSAT-C: 424744220,
PHONE: 3906 5908 4527, 3906 5908 4409,
FAX: 390 6592 2737, 3906 5908 4793,
E-MAIL: ITMRCC@MIT.GOV.IT.

(292030Z MAR 2016)

760/16(24).
BRAZIL-SOUTHEAST COAST.
DNC 01.
MAN OVERBOARD VICINITY 20-22.02S 040-11.98W
ON 29 MAR. VESSELS IN VICINITY REQUESTED TO
KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO ANY COASTAL RADIO STATION.

(300230Z MAR 2016)

761/16(23).
WESTERN SOUTH ATLANTIC.
SCOTIA SEA.
DNC 07.
1. OCEANOGRAPHIC OPERATIONS IN PROGRESS
BY M/V PUERTO DESEADO IN 54-52.9S 058-25.8W.
WIDE BERTH REQUESTED.
2. CANCEL HYDROLANT 751/16.

(300623Z MAR 2016)

762/16(56).
EASTERN MEDITERRANEAN SEA.
LIBYA.
DNC 09.
VESSEL, NUMEROUS PERSONS ON BOARD,
REQUESTING ASSISTANCE IN 32-53N 014-30E.
VESSELS IN VICINITY REQUESTED
TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO MRCC ROME, INMARSAT-C: 424744220,
PHONE: 3906 5908 4527, 3906 5908 4409,
FAX: 390 6592 2737, 3906 5908 4793,
E-MAIL: ITMRCC@MIT.GOV.IT.

(300829Z MAR 2016)

763/16. CANCELED.

NAVAREA XII

Messages in force 300845Z March 2016:

2015 series	399(22)	55(21)	87(18)	92(18)
42(21)	2016 series	56(18,21)	90(GEN)	94(18)
359(21)	54(21)	78(GEN)	91(18,21)	

The summary of all NAVAREA XII messages in force as of 16 December 2015 is given in Section III of NM 52/15. Warnings issued during the subsequent quarter are issued in NM 13/16.

NAVAREA XII WARNINGS issued from 230915Z to 300845Z March 2016.

86/16. CANCELED.

87/16(18).
EASTERN NORTH PACIFIC.
CALIFORNIA.
HAZARDOUS OPERATIONS.
1. HAZARDOUS OPERATIONS:
A. 290701Z MAR TO 040659Z APR IN AREA BOUND BY
33-08-04N 118-46-02W, 33-05-37N 118-43-34W,
32-58-53N 118-43-31W, 32-47-38N 118-32-19W,
32-36-55N 118-44-54W, 32-36-55N 118-56-57W,
32-54-18N 119-13-29W, 33-08-04N 118-55-31W.
B. 282000Z TO 290500Z, 291800Z TO 300500Z,
301400Z TO 302200Z, 312000Z TO 312359Z MAR,
010001Z TO 010400Z APR AND 011900Z TO 020700Z APR
IN AREA BOUND BY
32-55-00N 118-25-00W, 32-55-00N 118-15-00W,
32-40-00N 118-15-00W, 32-40-00N 118-35-00W,
32-45-00N 118-35-00W.
C. 291700Z TO 292100Z MAR IN AREA BOUND BY
32-50-42N 118-29-18W, 32-47-38N 118-32-19W,
32-55-00N 118-39-40W, 32-55-00N 118-32-49W.
D. 311500Z TO 311900Z MAR IN AREA BOUND BY
32-55-00N 118-25-00W, 32-55-00N 118-15-00W,
32-45-00N 118-15-00W, 32-45-00N 118-35-00W.
2. CANCEL THIS MSG 040759Z APR 16.

(250103Z MAR 2016)

88/16 and 89/16. CANCELED.

90/16(GEN).
1. NAVAREA XII WARNINGS IN FORCE AS OF 270900Z MAR 16.
2015 SERIES: 42(21), 359(21), 399(22).
2016 SERIES: 54(21), 55(21), 56(18,21), 78(GEN),
85(18), 86(18), 87(18), 88(18).
2. THE SUMMARY OF ALL NAVAREA XII WARNINGS IN FORCE
AS OF 16 DEC 2015 IS GIVEN IN SEC III OF NM 52/15.
WARNINGS ISSUED DURING THE SUBSEQUENT QUARTERS
ARE SUMMARIZED IN NM 13/16.
3. CANCEL NAVAREA XII 84/16.

(270955Z MAR 2016)

91/16(18,21).
EASTERN NORTH PACIFIC.
CALIFORNIA.
HAZARDOUS OPERATIONS.
1. HAZARDOUS OPERATIONS 0701Z TO 0659Z
COMMENCING DAILY 01 THRU 30 APR
IN AREA BOUND BY
32-35N 118-16W, 32-35N 117-40W,
31-55N 117-40W, 31-55N 118-25W,
32-33N 118-25W.
2. CANCEL THIS MSG 010759Z MAY 16.

(280735Z MAR 2016)

92/16(18).
EASTERN NORTH PACIFIC.
CALIFORNIA.
MISSILES.
1. HAZARDOUS OPERATIONS 011400Z TO 011900Z APR,
ALTERNATE 1400Z TO 1900Z DAILY 02 AND 03 APR
IN AREA BETWEEN
33-25N 33-46N AND 120-11W 119-25W.
2. CANCEL THIS MSG 032000Z APR 16.

(280749Z MAR 2016)

93/16. CANCELED.

94/16(18).
EASTERN NORTH PACIFIC.
CALIFORNIA.
MISSILES.
1. HAZARDOUS OPERATIONS 1900Z TO 0059Z COMMENCING
DAILY 01 AND 02 APR IN AREA BOUND BY
34-00N 119-47W, 33-39N 119-07W,
33-11N 119-07W, 32-10N 120-16W,
31-54N 121-34W, 33-14N 122-19W,
33-47N 121-09W, 33-53N 120-07W.
2. CANCEL THIS MSG 030159Z APR 16.

(281637Z MAR 2016)

95/16. CANCELED.

HYDROPACS

Messages in force 300845Z March 2016:

2011 series	1014(73)	4020(71)	535(63)	825(GEN)	890(91,94)
1561(56)	1052(73)	4068(71)	547(94)	831(62)	891(94)
3552(96)	1194(71)	4092(63)	583(93)	835(93)	893(76)
2012 series	1256(74)	4127(63)	586(63)	847(95)	895(63)
1222(97)	1413(63)	4212(73)	692(63)	848(95)	897(81)
1377(94,95)	1478(75)	4264(63)	697(61)	849(95)	899(63)
1555(96)	1571(61)	2016 series	715(63)	850(95)	900(63)
1824(76)	1588(71)	26(74)	717(63)	854(63)	902(63)
2013 series	1733(63)	121(62)	722(72,73,74)	857(63)	904(21)
899(75)	1755(97)	200(74)	727(62)	859(63)	906(81,83)
3004(63)	1997(63)	246(63)	728(63)	860(63)	907(93)
2014 series	2052(62)	253(29,61)	729(GEN)	861(63)	910(63)
496(74)	2300(74)	315(63)	734(63)	862(63)	912(22)
894(63)	2349(82)	318(63)	741(93)	863(63)	914(81)
1118(74)	2456(62)	381(61)	752(94)	864(22)	915(93)
1368(93)	3068(63)	419(76)	759(61,74,75)	868(22)	917(93)
1445(22)	3254(63)	424(63)	763(63)	871(71,93)	918(22)
1672(22)	3271(93)	438(97)	773(62)	872(63)	922(83)
2130(72)	3287(63)	460(61)	776(63)	875(94,96,97)	923(97)
3019(63)	3299(22)	465(21)	777(63)	876(18)	926(74)
3528(93)	3369(72)	476(63)	795(93)	879(82)	927(81)
2015 series	3371(63)	496(83)	797(GEN)	881(63)	928(93)
289(62)	3525(71)	521(97)	798(92)	883(96)	
590(61,71)	3559(93)	522(94,97)	810(GEN)	884(74)	
632(63)	3738(74)	523(91,94)	818(62)	887(97)	
728(75)	3820(63)	524(94)	819(62)	888(94,97)	
826(73)	3944(75)	532(63)	822(63)	889(94)	

The summary of all HYDROPACS in force as of 16 December 2015 is given in Section III of NM 52/15. Warnings issued during the subsequent quarter are issued in NM 13/16.

HYDROPAC WARNINGS issued from 230915Z to 300845Z March 2016.

845/16 and 846/16. CANCELED.

847/16(95).
YELLOW SEA.
GUNNERY.
DNC 23.
1. GUNNERY EXERCISES 0001Z TO 0800Z DAILY
28 MAR THRU 01 APR IN AREA BOUND BY
36-34-58N 124-41-19E, 36-35-00N 125-36-00E,
36-05-01N 125-36-04E, 36-04-58N 124-41-23E.
2. CANCEL THIS MSG 010900Z APR 16.

(231200Z MAR 2016)

848/16(95).
YELLOW SEA.
GUNNERY.
DNC 23.
1. GUNNERY EXERCISES 0001Z TO 0800Z DAILY
28 MAR THRU 01 APR IN AREA BOUND BY
35-15-00N 124-41-28E, 35-15-01N 125-36-10E,
34-50-00N 125-36-12E, 34-50-00N 124-41-31E.
2. CANCEL THIS MSG 010900Z APR 16.

(231206Z MAR 2016)

849/16(95).
YELLOW SEA.
GUNNERY.
DNC 23.
1. GUNNERY EXERCISES 0001Z TO 0800Z DAILY
28 MAR THRU 01 APR 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 010900Z APR 16.

(231212Z MAR 2016)

850/16(95).
YELLOW SEA.
GUNNERY.
DNC 23.
1. GUNNERY EXERCISES 2300Z TO 1000Z COMMENCING
DAILY 27 THRU 31 MAR IN AREA BETWEEN
35-35N 36-00N AND 125-00E 125-30E.
2. CANCEL THIS MSG 011100Z APR 16.

(231218Z MAR 2016)

851/16 thru 853/16. CANCELED.

854/16(63).
ARABIAN SEA.
INDIA-SOUTHWEST COAST.
DNC 03.
1. SURVEY OPERATIONS IN PROGRESS UNTIL 30 MAR
BY M/V MGS SAGAR IN AREA BOUND BY
08-58.40N 074-42.66E, 08-58.80N 075-59.79E,
07-00.08N 077-26.74E, 06-57.79N 075-23.24E,
07-50.18N 074-43.38E, 07-51.60N 074-56.23E.
WIDE BERTH REQUESTED.
2. CANCEL THIS MSG 31 MAR 16.

(231716Z MAR 2016)

855/16 and 856/16. CANCELED.

857/16(63).
BAY OF BENGAL.
INDIA-EAST COAST.
DNC 03.
1. GEOPHYSICAL SURVEY IN PROGRESS UNTIL 30 APR BY
M/V TEJA IN AREA BOUND BY
16-24.64N 082-01.58E, 16-19.93N 082-06.19E,
16-19.63N 082-05.89E, 16-24.51N 082-00.55E.
FOUR MILE BERTH REQUESTED.
2. CANCEL THIS MSG 01 MAY 16.

(240909Z MAR 2016)

858/16. CANCELED.

859/16(63).
ANDAMAN SEA.
DNC 03.
1. SEISMIC SURVEY IN PROGRESS UNTIL 20 APR BY
M/V POLARCUS ASIMA IN AREA BOUND BY
10-26.3N 095-33.1E, 11-03.3N 096-08.6E,
10-53.0N 096-19.2E, 10-16.0N 095-43.6E.
SIX MILE BERTH REQUESTED.
2. CANCEL THIS MSG 21 APR 16.

(241011Z MAR 2016)

860/16(63).
BAY OF BENGAL.
INDIA-EAST COAST.
HAZARDOUS OPERATIONS.
DNC 03.
1. HAZARDOUS OPERATIONS 0130Z TO 0730Z AND
0830Z TO 1230Z DAILY 29 THRU 31 MAR:
A. IN AREA BOUND BY
19-14.60N 084-53.70E, 19-07.39N 085-35.94E,
18-33.61N 084-53.74E.
B. WITHIN 41 MILES OF TRACKLINE BETWEEN
19-07.39N 085-35.94E AND 18-33.61N 084-53.74E.
2. CANCEL THIS MSG 311330Z MAR 16.

(241029Z MAR 2016)

861/16(63).
ARABIAN SEA.
INDIA-WEST COAST.
HAZARDOUS OPERATIONS.
DNC 03.
1. HAZARDOUS OPERATIONS:
A. 290030Z TO 291030Z IN AREA BOUND BY
13-56.20N 074-13.60E, 14-07.20N 074-13.60E,
14-07.20N 074-25.07E, 13-55.20N 074-25.07E.
B. 300030Z TO 301430Z IN AREA BOUND BY
17-22.00N 070-41.00E, 16-40.00N 071-18.00E,
15-56.00N 070-24.00E, 16-38.00N 069-47.00E.
2. CANCEL THIS MSG 301530Z MAR 16.

(241046Z MAR 2016)

862/16(63).
BAY OF BENGAL.
BURMA.
DNC 03.
1. SEISMIC SURVEY IN PROGRESS UNTIL 14 APR BY
M/V FUGRO SUPPORTER IN AREA BOUND BY
19-00N 092-09E, 19-00N 093-16E,
18-15N 093-57E, 18-15N 092-09E.
4000 METER BERTH REQUESTED.
2. CANCEL THIS MSG 15 APR 16.

(241201Z MAR 2016)

863/16(63).
BAY OF BENGAL.
BURMA.
DNC 03.
1. SEISMIC SURVEY IN PROGRESS UNTIL 30 APR BY
M/V POLARCUS NAILA IN AREA BOUND BY
20-13.03N 092-00.27E, 20-05.27N 092-09.73E,
19-57.32N 092-01.71E, 20-00.11N 091-56.93E,
19-42.01N 091-43.42E, 19-35.97N 091-47.06E,
19-36.00N 091-31.43E, 20-03.47N 091-50.67E.
4000 METER BERTH REQUESTED.
2. CANCEL THIS MSG 01 MAY 16.

(241204Z MAR 2016)

864/16(22).
EASTERN SOUTH PACIFIC.
CHILE.
RADIO SERVICES.
DNC 07.
MAGALLANES RADIO MF AND HF DSC OFF AIR.
PUERTO MONTT RADIO ASSUMES CONTROL.

(241419Z MAR 2016)

865/16 thru 867/16. CANCELED.

868/16(22).
EASTERN SOUTH PACIFIC.
CHILE.
HAZARDOUS OPERATIONS.
DNC 07.
1. HAZARDOUS OPERATIONS 2100Z TO 0200Z
COMMENCING DAILY 30 AND 31 MAR,
0700Z TO 1200Z DAILY 31 MAR AND 01 APR
IN AREA BETWEEN
36-13.5S 36-30.0S AND 073-07.0W 073-33.0W.
2. CANCEL THIS MSG 011300Z APR 16.

(250416Z MAR 2016)

869/16 and 870/16. CANCELED.

871/16(71,93).
SOUTH CHINA SEA.
DNC 11.
THREE PERSONS OVERBOARD FROM F/V KG 9197TS
VICINITY 07-55N 108-50E AT 150600Z MAR. VESSELS
IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,
ASSIST IF POSSIBLE. REPORTS TO MRCC VIETNAM,
PHONE: 844 3768 3050, FAX: 844 3768 3048,
E-MAIL: RESCUEVIETNAM@YAHOO.COM.VN.

(250519Z MAR 2016)

872/16(63).
BAY OF BENGAL.
BURMA.
DNC 03.
1. SEISMIC SURVEY 27 MAR THRU 30 APR BY
M/V RAMFORM TITAN IN AREA BOUND BY
17-14.82N 093-09.58E, 17-14.72N 093-50.83E,
16-58.93N 093-50.76E, 16-58.85N 094-09.11E,
16-39.56N 094-09.00E, 16-39.68N 093-09.58E,
17-14.81N 093-09.58E.
4000 METER BERTH REQUESTED.
2. CANCEL THIS MSG 01 MAY 16.

(251122Z MAR 2016)

873/16 and 874/16. CANCELED.

875/16(94,96,97).
WESTERN NORTH PACIFIC.
YELLOW SEA.
CHINA.
DNC 23, DNC 24.
DISTRESS SIGNAL RECEIVED ON 406 MHZ AT 251150Z MAR IN:
A. 35-59-06N 120-14-16E.
B. 42-40-51N 154-51-25E.
VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,
ASSIST IF POSSIBLE. REPORTS TO JAPAN COAST GUARD,
PHONE: 811 3427 6172.

(251357Z MAR 2016)

876/16(18).
EASTERN NORTH PACIFIC.
DNC 13.
DISTRESS SIGNAL RECEIVED ON 406 MHZ FROM
30 FOOT F/V DONNA RAE IN 35-55.0N 127-33.5W.
VESSELS IN VICINITY REQUESTED TO KEEP A SHARP
LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO RCC ALAMEDA,
TELEX: 230172343, PHONE: 510 437 3701,
E-MAIL: RCCALAMEDA@USCG.MIL.

(251526Z MAR 2016)

877/16 and 878/16. CANCELED.

879/16(82).
WESTERN SOUTH PACIFIC.
PAPUA NEW GUINEA.
NEW IRELAND-EAST COAST.
DNC 05.
9.2 METER VESSEL, EIGHT PERSONS ON BOARD, DISABLED
AND ADRIFT BETWEEN LIHIR ISLAND (03-07.0S 152-38.5E)
AND NAMATANAI (03-39.0S 152-26.5E).
VESSELS IN VICINITY REQUESTED TO KEEP
A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO JRCC AUSTRALIA,
PHONE: 612 6230 6811, FAX: 612 6230 6868,
E-MAIL: RCCAUS@AMSA.GOV.AU.

(260535Z MAR 2016)

880/16. CANCELED.

881/16(63).
BAY OF BENGAL.
INDIA-EAST COAST.
HAZARDOUS OPERATIONS.
DNC 03.
1. HAZARDOUS OPERATIONS 0730Z TO 1130Z DAILY
31 MAR THRU 02 APR IN AREA BOUND BY
17-11.74N 083-29.07E, 19-57.95N 089-14.57E,
21-12.90N 088-26.23E, 17-27.81N 083-18.19E.
2. CANCEL THIS MSG 021230Z APR 16.

(260950Z MAR 2016)

882/16. CANCELED.

883/16(96).
NORTH PACIFIC.
KAMCHATKA-SOUTHEAST COAST.
MISSILES. GUNNERY.
DNC 24.
1. HAZARDOUS OPERATIONS 2100Z TO 0900Z COMMENCING
DAILY 21 MAR THRU 01 APR IN AREA BETWEEN
52-23-00N 52-41-00N AND 159-42-00E 160-08-24E.
2. CANCEL THIS MSG 021000Z APR 16.

(261211Z MAR 2016)

884/16(74).
EASTERN INDIAN OCEAN.
AUSTRALIA-NORTHWEST COAST.
DNC 04.
UNDERWATER OPERATIONS IN PROGRESS UNTIL
FURTHER NOTICE BY M/V SOUTHERN OCEAN
IN 21-32.5S 114-07.0E.
2.5 MILE BERTH REQUESTED.

(270142Z MAR 2016)

885/16 and 886/16. CANCELED.

887/16(97).
WESTERN NORTH PACIFIC.
NANPO SHOTO.
GUNNERY.
DNC 12.
1. GUNNERY EXERCISES 2300Z TO 0900Z COMMENCING
DAILY 31 MAR THRU 29 APR IN AREA BOUND BY
27-55-15N 144-57-48E, 28-15-15N 146-29-47E,
25-25-16N 147-37-47E, 25-00-16N 145-35-48E.
2. CANCEL THIS MSG 301000Z APR 16.

(271150Z MAR 2016)

888/16(94,97).
WESTERN NORTH PACIFIC.
PHILIPPINE SEA.
TAIWAN-EAST COAST.
GUNNERY.
DNC 23.
1. GUNNERY EXERCISES 2300Z TO 1400Z COMMENCING DAILY
31 MAR, 04 THRU 07, 10 THRU 14, 17 THRU 21
AND 24 THRU 28 APR:
A. IN AREA BOUND BY
23-43.0N 122-05.0E, 23-43.0N 122-38.0E,
23-20.0N 122-38.0E, 23-00.0N 122-05.0E.
B. WITHIN 31 MILES OF 23-26.5N 122-21.5E.
2. CANCEL THIS MSG 291500Z APR 16.

(271204Z MAR 2016)

889/16(94).
TAIWAN STRAIT.
TAIWAN-SOUTHWEST COAST.
GUNNERY.
DNC 23.
1. GUNNERY EXERCISES 0001Z TO 0900Z DAILY 01, 06 THRU 08,
11 THRU 15, 18 THRU 22 AND 25 THRU 29 APR:
A. IN AREA BETWEEN
23-29-54N 23-39-54N AND 119-05-29E 119-15-29E.
B. WITHIN TEN MILES OF 23-34-54N 119-10-29E.
2. CANCEL THIS MSG 291000Z APR 16.

(271229Z MAR 2016)

890/16(91,94).
WESTERN NORTH PACIFIC.
PHILIPPINE SEA.
TAIWAN.
GUNNERY.
DNC 23.
1. GUNNERY EXERCISES 2300Z TO 0400Z COMMENCING DAILY
31 MAR, 04 THRU 07 APR, 10 THRU 14, 17 THRU 21
AND 24 THRU 28, 0600Z TO 0900Z DAILY 01 APR,
05 THRU 08, 11 THRU 15, 18 THRU 22
AND 25 THRU 29 APR:
A. IN AREA BOUND BY
22-26-53N 122-00-29E, 21-32-53N 122-00-29E,
21-41-53N 121-40-29E, 22-14-53N 121-40-29E.
B. WITHIN FIVE MILES OF 21-59-30N 121-51-00E.
2. CANCEL THIS MSG 291000Z APR 16.

(271248Z MAR 2016)

891/16(94).
TAIWAN STRAIT.
TAIWAN-SOUTHWEST COAST.
GUNNERY.
DNC 23.
1. GUNNERY EXERCISES 0001Z TO 0900Z DAILY 01, 06,
08, 11, 13, 15, 18, 22, 25, 27 AND 29 APR,
0001Z TO 1400Z DAILY 07, 12, 14, 19, 20,
21, 26 AND 28 APR:
A. IN AREA BETWEEN
22-34-54N 22-54-54N AND 119-25-29E 119-45-29E.
B. WITHIN 15 MILES OF 22-44-54N 119-35-29E.
2. CANCEL THIS MSG 291000Z APR 16.

(271304Z MAR 2016)

892/16. CANCELED.

893/16(76).
WESTERN SOUTH PACIFIC.
NEW ZEALAND-NORTHEAST COAST.
DNC 06.
DISTRESS SIGNAL RECEIVED ON 406 MHZ VICINITY 37-17S 177-59E.
VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,
ASSIST IF POSSIBLE. REPORTS TO TAUPO MARITIME RADIO
OR MARITIME OPERATIONS NEW ZEALAND,
INMARSAT-C: 451200067, E-MAIL: MARITIME@KORDIA.CO.NZ.

(272319Z MAR 2016)

894/16. CANCELED.

895/16(63).
ARABIAN SEA.
PAKISTAN.
HAZARDOUS OPERATIONS.
DNC 03.
1. HAZARDOUS OPERATIONS 0400Z TO 1700Z DAILY
01, 04 THRU 08, 11 THRU 15, 18 THRU 22 AND
25 THRU 29 APR IN AREAS BOUND BY:
A. 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. 24-16.18N 066-20.50E, 24-22.00N 066-27.00E,
24-16.30N 066-33.00E, 24-10.30N 066-27.00E.
2. CANCEL THIS MSG 291800Z APR 16.

(280807Z MAR 2016)

896/16. CANCELED.

897/16(81).
WESTERN NORTH PACIFIC.
MARIANA ISLANDS.
HAZARDOUS OPERATIONS.
DNC 12.
1. HAZARDOUS OPERATIONS 0200Z TO 1200Z DAILY
29 AND 31 MAR IN AREA BOUND BY
13-10N 144-43E, 13-10N 144-30E,
12-45N 144-30E, 11-45N 143-00E,
11-00N 143-00E, 11-00N 144-45E.
2. CANCEL THIS MSG 311300Z MAR 16.

(280825Z MAR 2016)

898/16. CANCELED.

899/16(63).
ANDAMAN SEA.
DNC 03.
1. SEISMIC SURVEY IN PROGRESS UNTIL 30 APR
BY M/V POLARCUS ASIMA IN AREA BOUND BY
11-03.3N 096-08.6E, 10-53.0N 096-19.2E,
10-16.0N 095-46.4E, 10-29.5N 095-33.1E.
SIX MILE BERTH REQUESTED.
2. CANCEL THIS MSG 01 MAY 16.

(281436Z MAR 2016)

900/16(63).
ARABIAN SEA.
INDIA-WEST COAST.
HAZARDOUS OPERATIONS.
DNC 03.
1. HAZARDOUS OPERATIONS 0900Z TO 1200Z DAILY
01, 05, 08, 12, 15, 19, 22, 26 AND 29 APR,
1230Z TO 1430Z DAILY 05 AND 19 APR
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 291300Z APR 16.

(281507Z MAR 2016)

901/16. CANCELED.

902/16(63).
BAY OF BENGAL.
SRI LANKA.
DNC 03.
F/V LAKJAYA-02 DISABLED AND ADRIFT DUE TO ENGINE FAILURE
IN 09-14N 081-43E ON 27 MAR. VESSELS IN VICINITY
REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO ANY COASTAL RADIO STATION.

(281528Z MAR 2016)

903/16. CANCELED.

904/16(21).
EASTERN NORTH PACIFIC.
MEXICO.
DNC 13.
DISTRESS SIGNAL RECEIVED ON 406 MHZ IN 24-56N 113-54W.
VESSELS IN VICINITY REQUESTED TO KEEP
A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO RCC ALAMEDA, TELEX: 230172343,
PHONE: 510 437 3701, E-MAIL: RCCALAMEDA@USCG.MIL.

(282250Z MAR 2016)

905/16. CANCELED.

906/16(81,83).
NORTH PACIFIC.
KIRIBATI.
DNC 12.
17 FOOT VESSEL, THREE PERSONS ON BOARD, UNREPORTED
TARAWA ATOLL (01-25N 173-02E) TO FISHING GROUNDS
VICINITY 01-12N 173-01E. VESSELS IN VICINITY REQUESTED
TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO
TAUPO MARITIME RADIO OR MARITIME OPERATIONS NEW ZEALAND,
INMARSAT-C: 451200067, E-MAIL: MARITIME@KORDIA.CO.NZ.

(290150Z MAR 2016)

907/16(93).
SOUTH CHINA SEA.
DNC 11.
DISTRESS SIGNAL RECEIVED ON 121.5 MHZ IN
08-45N 110-14E AT 280600Z MAR. VESSELS IN
VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,
ASSIST IF POSSIBLE. REPORTS TO SINGAPORE
PORT OPERATIONS CONTROL CENTER,
PHONE: 656 226 5539, FAX: 656 227 9971,
E-MAIL: POCC@MPA.GOV.SG.

(290318Z MAR 2016)

908/16 and 909/16. CANCELED.

910/16(63).
BAY OF BENGAL.
INDIA-EAST COAST.
HAZARDOUS OPERATIONS.
DNC 03.
1. HAZARDOUS OPERATIONS 0430Z TO 0630Z DAILY
30 MAR AND 04 THRU 06 APR, 0930Z TO 1130Z
DAILY 29 MAR AND 04 THRU 06 APR
IN AREA BOUND BY
20-50.85N 087-04.42E, 21-28.11N 088-05.13E,
21-45.58N 087-57.21E, 21-22.50N 086-58.52E,
21-13.70N 086-51.21E.
2. CANCEL HYDROPAC 901/16.
3. CANCEL THIS MSG 061230Z APR 16.

(290835Z MAR 2016)

911/16. CANCELED.

912/16(22).
EASTERN SOUTH PACIFIC.
CHILE.
RADIO SERVICES.
DNC 07.
ANTOFAGASTA RADIO NAVTEX, MF AND HF DSC OFF AIR.
VALPARAISO PLAYA ANCHA RADIO ASSUMES HF DSC
AND NAVTEX CONTROL. TOCOPILLA RADIO ASSUMES
MF DSC CONTROL.

(290846Z MAR 2016)

913/16. CANCELED.

914/16(81).
WESTERN NORTH PACIFIC.
MICRONESIA.
DNC 12.
35 FOOT VESSEL, THREE PERSONS ON BOARD,
OVERDUE TRUK (07-22.6N 151-53.0E)
TO PULUWAT ATOLL (07-21.4N 149-12.0E).
VESSELS IN VICINITY REQUESTED TO KEEP
A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO RCC GUAM, PHONE: 671 355 4824,
E-MAIL: RCCGUAM@USCG.MIL.

(291312Z MAR 2016)

915/16(93).
SOUTH CHINA SEA.
DNC 11.
F/V DNA 90189-TS, SIX PERSONS ON BOARD,
DISABLED AND ADRIFT IN 13-41N 110-57E
AT 291000Z MAR. VESSELS IN VICINITY
REQUESTED TO KEEP A SHARP LOOKOUT,
ASSIST IF POSSIBLE. REPORTS TO
MRCC VIETNAM, PHONE: 844 3768 3050,
FAX: 844 3768 3048,
E-MAIL: RESCUEVIETNAM@YAHOO.COM.

(291544Z MAR 2016)

916/16. CANCELED.

917/16(93).
SOUTH CHINA SEA.
DNC 11.
F/V KH96192TS, SEVEN PERSONS ON BOARD, DISABLED
AND ADRIFT DUE TO ENGINE TROUBLE IN
11-22.17N 111-44.47E AT 290200Z MAR.
VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,
ASSIST IF POSSIBLE. REPORTS TO MRCC VIETNAM,
PHONE: 844 3768 3050, FAX: 844 3768 3048,
E-MAIL: VMRCC@FPT.VN.

(292320Z MAR 2016)

918/16(22).
EASTERN SOUTH PACIFIC.
PERU.
DNC 07.
HAZARDOUS OPERATIONS.
1. HAZARDOUS OPERATIONS 300300Z TO 302100Z MAR
IN AREA BOUND BY
11-29S 078-32W, 11-15S 078-16W,
11-31S 078-03W, 11-45S 078-18W.
2. CANCEL THIS MSG 302200Z MAR 16.

(292350Z MAR 2016)

919/16 thru 921/16. CANCELED.

922/16(83).
SOUTH PACIFIC.
DNC 06.
DISTRESS SIGNAL RECEIVED ON 406 MHZ IN
12-05.46S 164-16.68W AT 300247Z MAR.
VESSELS IN VICINITY REQUESTED TO KEEP A
SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS
TO TAUPO MARITIME RADIO OR MARITIME
OPERATIONS NEW ZEALAND,
INMARSAT-C: 451200067,
E-MAIL: MARITIME@KORDIA.CO.NZ.

(300513Z MAR 2016)

923/16(97).
WESTERN NORTH PACIFIC.
DNC 12.
DISTRESS SIGNALS RECEIVED ON 406 MHZ AT 300349Z MAR IN:
A. 32-39-07N 155-17-31E.
B. 34-44-09N 154-36-54E.
VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,
ASSIST IF POSSIBLE. REPORTS TO JAPAN COAST GUARD,
PHONE: 812 2365 6957.

(300602Z MAR 2016)

924/16 and 925/16. CANCELED.

926/16(74).
TIMOR SEA.
AUSTRALIA-NORTH COAST.
DNC 04.
CABLE LAYING OPERATIONS IN PROGRESS UNTIL
FURTHER NOTICE BY M/V ILE DE BATZ
VICINITY OF TRACKLINE JOINING
12-26.4S 130-48.3E, 12-26.2S 130-47.1E,
12-20.5S 130-42.3E, 12-16.2S 130-36.1E,
12-14.3S 130-33.1E.
2.5 MILE BERTH REQUESTED.

(300616Z MAR 2016)

927/16(81).
WESTERN NORTH PACIFIC.
MARIANA ISLANDS.
HAZARDOUS OPERATIONS.
DNC 12.
1. HAZARDOUS OPERATIONS 301900Z TO 310700Z MAR
WITHIN 12 MILES OF 16-01-06N 146-03-35E.
2. CANCEL THIS MSG 310800Z MAR 16.

(300832Z MAR 2016)

928/16(93).
SOUTH CHINA SEA.
DNC 11.
F/V BD 96461TS, 11 PERSONS ON BOARD,
DISABLED AND ADRIFT DUE TO ENGINE TROUBLE
IN 10-50N 112-01E AT 300200Z MAR.
VESSELS IN VICINITY REQUESTED TO KEEP A
SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO MRCC VIETNAM,
PHONE: 844 3768 3050, FAX: 844 3768 3048,
E-MAIL: RESCUEVIETNAM@YAHOO.COM.

(300838Z MAR 2016)

HYDROARCS

Messages in force 300845Z March 2016:

2010 series	112(15)	268(16)	248(15)	345(15)	18(GEN)
56(15)	160(15,16)	269(16)	264(15)	362(16,96)	25(42)
102(15)	193(15)	270(16)	312(15)	363(16)	
103(16,41)	220(GEN)	308(41)	318(15,38)	2016 series	
2011 series	2014 series	337(42)	319(15,38)	2(41,42)	
160(42)	131(16)	2015 series	320(15)	4(42)	
2012 series	158(15)	164(16,96)	343(15)	13(GEN)	

The summary of all HYDROARCS messages in force as of 16 December 2015 is given in Section III of NM 52/15. Warnings issued during the subsequent quarter are issued in NM 13/16.

HYDROARCS WARNINGS issued from 230915Z to 300845Z March 2016.

23/16 and 24/16. CANCELED.

25/16(42).
ARCTIC.
BARENTS SEA.
WHITE SEA.
MISSILES.
DNC 22.
1. HAZARDOUS OPERATIONS 0500Z TO 1900Z DAILY
31 MAR THRU 01 APR, 04 AND 05 APR
IN AREA BOUND BY
69-24.0N 034-18.0E, 69-35.0N 035-50.0E,
69-00.0N 043-20.0E, 68-49.5N 044-36.0E,
68-32.5N 044-24.0E, 68-18.0N 044-14.0E,
67-45.0N 043-52.0E, 67-51.0N 042-15.0E,
68-10.0N 041-06.0E, 68-46.0N 037-32.0E,
68-44.0N 037-28.0E, 69-18.0N 034-16.0E,
69-19.0N 034-16.0E, 69-22.5N 034-16.0E.
2. CANCEL THIS MSG 052000Z APR 16.

(270935Z MAR 2016)

MARAD ADVISORIES

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

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

MARAD ADVISORIES in force 30 March 2016: 05-1, 10-6, 11-5, 13-2, 13-3, 13-5, 15-1 and 16-2.

SPECIAL WARNINGS

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

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

SPECIAL WARNINGS in force 30 March 2016: 1, 29, 92, 114, 119, 120, 122, 123, 124, 127, 128, 129, 130, 131 and 133.

MARINE INFORMATION

TERMINATION OF PDU PATCH FILES IN THE .RTP FILE FORMAT

Effective 12 March 2016, in response to DoD/IC implemented security policies, the NGA Maritime Safety Office will no longer provide Publication Data Updates (PDU) patch files in the ".rtp" file format, to customers as a means of updating PDF Digital Nautical Publications. Notification of updated Publications will continue to be provided through the email Subscription Service and the weekly Notice to Mariners, and the most current updated PDF version of the Publication will be available for download on the NGA Maritime Safety Website (http://msi.nga.mil/NGAPortal/MSI.portal). Although PDU files will not be disseminated via the Maritime Safety Website or the email PDU Subscription Service, upgraded system development is in progress and changes will be promulgated when complete.

NOAA CHART NEW EDITIONS AND THEIR AVAILABILITY

NOAA produces nautical chart products to support Federal chart carriage requirements. These nautical charts are available as Print on Demand (POD) charts through authorized NOAA partners. A list of these approved partners can for found at http://www.nauticalcharts.noaa.gov.

DOD and other authorized U.S. Government users may obtain NOAA charts through the Defense Logistics Agency (DLA).

New Editions of Print-on-Demand Charts are available on the Monday 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 x 105. Dates of Latest Editions for charts are listed at http://nauticalcharts.noaa.gov.

5161	14th Ed. Mar 2016 NEW EDITION		NAD 83	(NOS Silver Spring, MD)
	PLOTTING SHEET - NEWPORT TO BERMUDA			1:1,058,400
13293	36th Ed. Mar 2016 NEW EDITION		NAD 83	(NOS Silver Spring, MD)
	DAMARISCOTTA, SHEEPSCOT AND KENNEBEC RIVERS			1:40,000

NGA CHART NEW EDITIONS AND THEIR AVAILABILITY

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

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

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

Through a special arrangement between the National Ocean Service and NGA, all NOAA charts are also available (as large pdf print files) on the NGA websites for Department of Defense (DoD) customers and other authorized U.S. Government

users. These NOAA chart files are updated every week for all Notice to Mariners (NGA, USCG, and Canadian Coast Guard). The official NGA web sites for downloading selected NGA and NOAA charts are:

- JWICS: http://www.geoint.nga.ic.gov/products/dnc1/epodsBut Rachel/index.htm

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

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

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

22145	3rd Ed. Mar. 19, 2016 NEW EDITION	WGS	(NGA Springfield, VA)
	BAHIA SALINAS		1:30,000
	(Correct through NM 12/16).		Limited Distribution
61204	6th Ed. Mar. 19, 2016 NEW EDITION	WGS	(NGA Springfield, VA)
	ZANZIBAR HARBOR		1:12,500
	(Correct through NM 12/16).		Limited Distribution
61212	4th Ed. Mar. 19, 2016 NEW EDITION	WGS	(NGA Springfield, VA)
	MOMBASA HARBOR INCLUDING KILINDINI HARBOR AND PORT REITZ		1:15,000
	(Correct through NM 12/16).		Limited Distribution
94203	11th Ed. Mar. 19, 2016 NEW EDITION	WGS	(NGA Springfield, VA)
	NANHUI ZUI TO CHUANSHAN BANDAO		1:150,000
	(Correct through NM 12/16).		Limited Distribution
96044	11th Ed. Mar. 26, 2016 NEW EDITION	WGS	(NGA Springfield, VA)
	ZALIV NAKHODKA		1:25,000
	(Correct through NM 13/16).		Limited Distribution

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Former US Chart No.	*Current US Chart No.*	*Foreign Chart No.*	*Originally Announced in NTM*	*Later Edition*
14002	14ACO14000	Can. 4023	23/04	
14005	14ACO14001	Can. 4012	23/04	
14006	14ACO14334	Can. 4016	9/09	
14009	14ACO14004	Can. 4015	23/04	
14009	14ACO14011	Can. 4047	23/04	
14009	14ACO14012	Can. 4002	29/04	
14009	14ACO14013	Can. 4013	29/04	
14009	14ACO14015	Can. 4045	29/04	
14014	14ACO14013	Can. 4013	29/04	
14040	14ACO14016	Can. 4010	29/04	
14041	14XHA14019	Can. 4011	29/04	
14042	14XHA14020	Can. 4396	1/05	35/12
14043	14AHA14021	Can. 4116	8/05	42/08
14044	14AHA14022	Can. 4117	14/05	36/12
14046	14BHA14023	Can. 4140	14/05	
14062	14XCO14025	Can. 4118	43/04	

Former US Chart No.	*Current US Chart No.*	*Foreign Chart No.*	*Originally Announced in NTM*	*Later Edition*
14062	14XCO14026	Can. 4243	12/05	
14065	14BHA14027	Can. 4245	12/05	
14066	14XCO14026	Can. 4243	12/05	
14066	14XHA14028	Can. 4230	14/05	
14066	14XGA14029	Can. 4241	14/05	
14066	14XHA14030	Can. 4242	33/05	
14066	14XHA14031	Can. 4210	33/05	
14067	14XHA14029	Can. 4241	14/05	
14067	14XHA14032	Can. 4209	47/05	15/15
14068	14XHA14032	Can. 4209	47/05	15/15
14083	14AHA14035	Can. 4211	18/11	
14083	14AHA14036	Can. 4320	45/05	34/07
14085	14AHA14037	Can. 4328	45/05	
14087	14AHA14039	Can. 4385	46/05	
14088	14AHA14047	Can. 4201	46/05	
14089	14AHA14048	Can. 4202	39/06	
14090	14AHA14049	Can. 4237	6/05	
14091	14AHA14050	Can. 4203	48/06	
14093	14AHA14051	Can. 4236	25/07	
14100	14XHA14052	Can. 4235	25/07	
14100	14XHA14053	Can. 4234	25/07	
14105	14AHA14054	Can. 4321	22/07	
14115	14XCO14058	Can. 4227	29/04	
14121	14XHA14059	Can. 4374	23/07	
14123	14XHA14060	Can. 4375	23/07	
14125	14AHA14064	Can. 4376	22/07	
14133	14XHA14072	Can. 4278	23/07	
14134	14XHA14073	Can. 4279	23/07	
14136	14AHA14075	Can. 4266	25/07	15/15
14141	14AHA14076	Can. 4462	22/07	
14144	14XHA14143	Can. 4950	38/03	15/15
14145	14AHA14077	Can. 4448	22/07	
14146	14XHA14078	Can. 4404	25/07	15/15
14151	14XHA14079	Can. 4403	23/07	
14156	14BHA14080	Can. 4419	22/07	
14190	14ACO14096	Can. 4905	6/09	
14202	14XHA14193	Can. 1432	38/03	3/16
14202	14XHA14195	Can. 1431	42/03	52/15
14203	14XHA14195	Can. 1431	42/03	52/15
14221	14XHA14209	Can. 1311	32/08	15/15
14221	14XHA14211	Can. 1312	40/03	15/15
14222	14XHA14211	Can. 1312	40/03	15/15
14227	14XHA14215	Can. 1316	39/03	38/12
14240	14XHA14217	Can. 1236	43/03	15/15
14241	14XHA14218	Can. 1233	39/03	14/15
14253	14ACO14004	Can. 4015	23/04	
14340	14ACO14334	Can. 4016	9/09	
14342	14BCO14336	Can. 4626	11/10	
14349	14AHA14339	Can. 4622	10/09	
14350	14AHA14334	Can. 4841	12/10	
14351	14AHA14334	Can. 4841	12/10	
14360	14ACO14348	Can. 4017	12/10	
14364	14AHA14359	Can. 4846	25/09	
14373	14BHA14362	Can. 4847	12/10	
14415	14ACO14377	Can. 4020	12/10	

Former US Chart No.	*Current US Chart No.*	*Foreign Chart No.*	*Originally Announced in NTM*	*Later Edition*
14812	14XHA14809	Can. 2085	6/09	39/12
15008	15ACO15001	Can. 4730	12/10	
15011	15ACO15002	Can. 7050	16/08	
15017	15ACO15003	Can. 5450	33/07	
15018	15ACO15004	Can. 4700	12/10	
15020	15ACO15005	Can. 7011	12/10	
15041	**15ACO15007**	Can. 4731	41/08	
15061	15ACO15014	Can. 4732	42/08	
15070	15BHA15024	Can. 5143	6/09	
15080	15BHA15027	Can. 5023	46/07	
15120	15ACO15030	Can. 4775	31/07	
15140	15ACO15031	Can. 4776	12/10	
15160	15ACO15032	Can. 5300	34/08	
15312	15ACO15035	Can. 5400	6/09	
15670	15XCO15672	Can. 7570	44/09	
17008	**17ACO17007**	Can. 3002	40/08	
17005	**17ACO17010**	Can. 3001	41/14	
17412	**17XHA17410**	Can. 3890	40/08	
17413	**17ACO17411**	Can. 3802	42/08	
17414	**17BCO17415**	Can. 3854	42/08	
17416	**17BCO17417**	Can. 3853	41/08	
17438	17BHA17418	Can. 3960	43/08	
17438	17BHA17419	Can. 3959	41/08	
17438	17BHA17440	Can. 3956	12/10	
17441	17BHA17442	Can. 3927	12/07	
17441	17BHA17447	Can. 3746	25/07	
17444	17XHA17448	Can. 3955	32/08	15/15
17445	17BHA17439	Can. 3957	12/10	
17464	17XHA17450	Can. 3724	12/10	
17465	**17XHA17451**	Can. 3742	41/08	
17480	17ACO17454	Can. 3744	12/10	
17485	17XHA17456	Can. 3936	44/09	15/15
17486	17XCO17458	Can. 3727	13/09	
17489	17XHA17488	Can. 3598	12/10	
17495	17ACO17493	Can. 3605	6/07	
17513	17XHA17497	Can. 3539	8/05	1/08
17515	17XHA17496	Can. 3513	6/09	
17517	17XHA17498	Can. 3512	44/09	
17518	17BHA17499	Can. 3463	31/07	
17519	17BHA17500	Can. 3526	23/07	
17543	17ACO17501	Can. 3604	1/08	
17546	**17XCO17510**	Can. 3603	31/10	
17548	17BCO17511	Can. 3671	31/07	
17550	17ACO17514	Can. 3602	24/07	
18401	18BHA18404	Can. 3459	42/08	44/10
18405	18BHA18426	Can. 3493	25/07	49/11
18406	18BHA18435	Can. 3481	23/07	36/12
18407	18BHA18436	Can. 3494	12/07	15/15
18408	18BHA18437	Can. 3495	42/08	15/15
18413	18BHA18442	Can. 3442	31/07	
18414	18XHA18451	Can. 3478	31/07	15/15
18415	18BHA18461	Can. 3441	24/07	
18416	18AHA18462	Can. 3440	24/07	
18418	18AHA18466	Can. 3419	24/07	15/15
18419	18BHA18469	Can. 3412	44/15	

Former US Chart No.	*Current US Chart No.*	*Foreign Chart No.*	*Originally Announced in NTM*	*Later Edition*
18420	18BHA18467	Can. 3479	12/07	16/08
18475	18XHA18472	Can. 3685	43/08	
35009	35ACO35002	UK 266	19/04	10/16
35009	35ACO35003	UK 268	19/04	
35009	35ACO35004	UK 273	19/04	
35009	35ACO35005	UK 278	23/04	4/07
35009	35ACO35006	UK 1191	24/04	8/13
35009	35ACO35010	UK 1192	28/04	5/16
35009	35ACO35013	UK 1409	23/04	35/13
35009	35ACO35014	UK 1407	23/04	33/09
35016	35ACO35015	UK 2635	26/06	9/16
35022	35ACO35017	UK 1128	16/08	10/16
35023	35ACO35018	UK 1129	37/07	10/16
35031	35ACO35019	UK 1127	4/06	10/16
35032	35ACO35020	UK 1125	7/07	
35036	35ACO35024	UK1123	3/07	20/07
35040	35ACO35006	UK 1191	24/04	8/06
35060	35ACO35010	UK 1192	28/04	
35080	35ACO35014	UK 1407	23/04	33/09
35081	35BHA35035	UK 734	28/04	23/14
35082	35BHA35037	UK 735	31/04	52/15
35084	35BHA35045	UK 1481	32/04	8/13
35086	35BHA35048	UK 736	32/04	34/14
35088	35BHA35050	UK 190	28/04	9/13
35100	35ACO35013	UK 1409	23/04	49/04
35101	35BHA35052	UK 223	33/04	3/12
35120	35ACO35055	UK 115	23/04	34/13
35130	35ACO35056	UK 1942	12/06	35/13
35135	35ACO35057	UK 2249	27/07	5/16
35136	35ACO35058	UK 2250	27/07	39/10
35141	35ACO35059	UK 2162	21/07	33/09
35144	35XCO35062	UK 2584	27/07	2/16
35150	35ACO35063	UK 1119	27/07	11/13
35155	35ACO35064	UK 1234	27/07	5/16
35159	35ACO35065	UK 3271	30/07	39/10
35160	35ACO35066	UK 1233	27/07	11/13
35163	35ACO35067	UK 3272	27/07	3/16
35166	35ACO35068	UK 3283	27/07	14/16
35169	35ACO35071	UK 3281	29/07	25/13
35170	35ACO35072	UK 3282	30/07	25/13
35200	35ACO35001	UK 1954	28/04	33/09
35205	35ACO35073	UK 2720	27/07	10/13
35210	35ACO35074	UK 1785	27/07	14/16
35220	35ACO35075	UK 2721	37/07	8/13
35230	35ACO35078	UK 1794	24/07	27/13
35236	**35AHA35079**	UK 2207	28/07	39/10
35237	35AHA35089	UK 2208	30/07	25/13
35239	**35AHA35090**	UK 2210	28/07	18/13
35243	**35BHA35091**	UK 3146	37/07	6/08
35246	35ACO35092	UK 1795	21/07	6/16
35247	35AHA35093	UK 1796	28/07	39/10
35248	35BHA35094	UK 2209	38/07	52/15
35250	35BHA35095	UK 2540	29/07	17/13
35255	35AHA35096	UK 2171	30/07	23/14
35256	35AHA35097	UK 2390	24/07	35/13

Former US Chart No.	*Current US Chart No.*	*Foreign Chart No.*	*Originally Announced in NTM*	*Later Edition*
35260	35ACO35104	UK 2722	27/07	8/13
35265	35ACO35106	UK 1778	27/07	33/09
35270	35AHA35109	UK 2169	29/07	24/14
35272	35ACO35110	UK 1770	12/07	
35277	35BHA35113	UK 2326	22/06	13/16
35278	35BHA35114	UK 2343	4/06	15/16
35279	35BHA35115	UK 2397	29/06	23/14
35295	35BHA35116	UK 2481	22/06	23/14
35296	35BHA35117	UK 2396	25/06	15/16
35298	35BHA35118	UK 2168	7/07	23/14
35299	35ACO35119	UK 2724	26/06	5/07
35300	35ACO35121	UK 2723	18/06	13/16
35302	35ACO35123	UK 2798	46/05	22/14
35307	35ACO35126	UK 2199	5/06	8/13
35308	35ACO35127	UK 2198	25/06	44/12
35310	**35ACO35128**	UK 2725	27/06	3/16
35350	35ACO35131	UK 2173	12/07	
35380	35ACO35138	UK 2254	30/06	
35390	**35ACO35139**	UK 2423	22/06	7/16
35400	**35ACO35140**	UK 2424	5/06	6/16
35420	35ACO35147	UK 2049	18/06	10/13
35421	35AHA35148	UK 1777	46/05	
35423	35AHA35149	UK 1773	46/05	
35424	35AHA35151	UK 1765	46/05	26/10
35011	35XCO35172	UK 219	8/08	17/13
36010	36ACO36000	UK 1121	26/06	
36015	36ACO36001	UK 2649	47/05	
36040	36ACO36002	UK 1410	47/05	
36060	36ACO36006	UK 1141	12/07	6/16
36061	**36BHA36007**	UK 1468	20/07	
36062	36BHA36008	UK 1415	4/06	44/12
36063	36BHA36009	UK 1447	12/07	9/13
36081	36BHA36011	UK 1753	7/07	34/14
36098	36AHA36012	UK 2221	47/05	14/16
36103	36BHA36014	UK 2126	9/07	
36104	36BHA36016	UK 2220	6/07	
36106	36BHA36017	UK 2131	47/05	13/16
36108	36BHA36018	UK 2000	4/06	13/12
36110	36BHA36019	UK 2007	8/06	18/11
36115	36BHA36020	UK 1994	3/07	21/14
36116	36AHA36021	UK 1867	23/05	26/10
36117	36BHA36022	UK 1907	11/07	13/16
36118	36BHA36023	UK 2383	25/06	
36119	36BHA36024	UK 2491	4/06	13/16
36120	36ACO36025	UK 1826	13/07	24/13
36127	36BHA36030	UK 3746	32/06	23/14
36128	36BHA36030	UK 3746	32/06	23/14
36137	36AHA36032	UK 1478	39/04	37/13
36138	36AHA36033	UK 3275	39/04	13/16
36139	36BHA36034	UK 3274	39/04	35/13
36140	36ACO36035	UK 1178	39/04	10/13
36141	36BHA36036	UK 2878	41/04	37/13
36161	36BHA36039	UK 1152	52/04	45/12
36162	36BHA36041	UK 1182	1/05	45/12
36163	36BHA36042	UK 1176	1/05	40/13

Former US Chart No.	*Current US Chart No.*	*Foreign Chart No.*	*Originally Announced in NTM*	*Later Edition*
36165	36BHA36044	UK 1165	17/05	13/16
36180	36ACO36049	UK 2565	27/05	9/13
37043	37AHA37003	UK 1267	15/06	10/16
37044	37AHA37004	UK 30	25/05	39/10
37045	37AHA37006	UK 1901	25/05	34/13
37046	37AHA37007	UK 1613	34/05	25/13
37047	37XHA37008	UK 1902	25/05	9/16
37060	36ACO36050	UK 442	25/05	
37075	37ACO37015	UK 2454	25/08	1/12
37079	37AHA37016	UK 2625	32/05	6/16
37081	37AHA37017	UK 2045	32/05	25/13
37083	37AHA37019	UK 2037	25/05	13/16
37084	37AHA37020	UK 2036	5/06	13/16
37086	37AHA37021	UK 2631	31/05	10/16
37088	37BHA37022	UK 2041	2/16	
37119	37AHA37027	UK 1698	8/06	45/14
37122	37AHA37028	UK 1828	19/05	40/13
37133	37BHA37030	UK 1834	2/16	
37141	37AHA37040	UK 1607	9/05	21/14
37145	37AHA37051	UK 1185	37/04	13/16
37147	37BHA37052	UK 1975	36/04	14/16
37150	37ACO37055	UK 1504	37/04	40/13
37170	37ACO37057	UK 1503	38/04	14/16
37175	37ACO37058	UK 1187	38/04	49/15
37180	37ACO37059	UK 1190	38/04	40/14
37182	37AHA37062	UK 109	38/04	33/09
37183	37BHA37066	UK 1188	6/05	52/15
74071	74BHA74073	Aus. 616	35/07	
74141	74XHA74142	Aus. 618	35/07	
74141	74XHA74143	Aus. 610	35/07	
74151	74AHA74154	Aus. 809	12/07	
74152	74BHA74150	Aus. 208	8/07	44/10
74153	74BHA74155	Aus. 207	8/07	
74162	74BCO74163	Aus. 811	13/07	
74162	74BCO74164	Aus. 810	13/07	
74183	74AHA74180	Aus. 237	9/07	
74186	74AHA74189	Aus. 238	47/05	
74192	74BHA74213	Aus. 818	9/07	
74201	74BHA74199	Aus. 246	8/07	
74202	74BHA74208	Aus. 247	13/07	
74204	74BHA74209	Aus. 819	14/07	
74205	74BHA74244	Aus. 245	45/10	
74206	74AHA74212	Aus. 244	15/07	
74210	74BCO74245	Aus. 820	13/07	
74221	74BCO74227	Aus. 821	11/07	
74229	74BHA74226	Aus. 250	13/07	
74229	74BCO74246	Aus. 824	16/08	
74229	74BCO74247	Aus. 249	16/08	26/13
74231	74BHA74226	Aus. 250	13/07	
74232	74BHA74216	Aus. 256	10/07	
74234	74BHA74237	Aus. 257	11/07	45/10
74252	74BCO74258	Aus. 263	41/10	
74253	74BCO74262	Aus. 830	13/07	
74271	74BCO74275	Aus. 833	18/07	
74271	74BCO74277	Aus. 280	35/07	

Former US Chart No.	*Current US Chart No.*	*Foreign Chart No.*	*Originally Announced in NTM*	*Later Edition*
74272	74BHA74267	Aus. 834	13/07	
74287	74BHA74279	Aus. 289	52/06	
74293	74ACO74311	Aus. 839	12/06	25/13
74294	74BCO74300	Aus. 292	47/05	
74294	74ACO74311	Aus. 839	12/06	
74310	74BCO74395	Aus. 302	18/07	
74320	74BCO74313	Aus. 303	18/07	
74330	74BCO74387	Aus. 304	52/06	
74340	74BCO74384	Aus. 305	35/07	
74350	74BCO74383	Aus. 306	35/07	44/10
74376	74BCO74377	Aus. 715	35/07	
74391	74BHA74390	Aus. 720	35/07	
74391	74BHA74396	Aus. 721	35/07	
74393	74BHA74397	Aus. 26	47/06	
74394	74BHA74397	Aus. 26	47/06	
74415	74ACO74416	Aus. 726	35/07	
74430	74ACO74431	Aus. 315	22/08	48/08
74450	74ACO74451	Aus. 319	34/07	48/08
74517	74ACO74031	Aus. 743	12/06	
74521	75AHA75147	Aus. 744	19/06	
74555	74ACO74593	Aus. 334	34/07	
74581	74AHA74585	Aus. 112	18/07	
75010	75ACO75111	Aus. 341	36/07	
75010	75ACO75114	Aus. 342	36/07	
75110	75ACO75111	Aus. 341	36/07	
75120	75ACO75114	Aus. 342	36/07	
75132	75BHA75137	Aus. 137	19/06	42/08
75170	75ACO75166	Aus. 788	14/06	
75170	75ACO75167	Aus. 789	14/06	
75170	75ACO75168	Aus. 790	17/06	
75171	75AHA75164	Aus. 144	44/10	51/15
75171	75AHA75165	Aus. 143	21/06	20/08
75171	75AHA75174	Aus. 158	18/06	25/13
75173	75AHA75174	Aus. 158	18/06	
75175	75AHA75178	Aus. 154	18/06	24/13
75261	75AHA75274	Aus. 808	11/07	
75264	75AHA75269	Aus. 201	12/07	
75264	75AHA75267	Aus. 202	48/06	
75265	75AHA75266	Aus. 197	17/07	
95261	95BCO95263	Jpn. W145	9/12	
95264	95BHA95266	Jpn. W1155A	5/12	21/15
95268	95BHA95122	Jpn. W1162A	52/12	
95258	95BHA95257	Jpn. W1160	23/14	
95271	95BHA95277	Jpn. W1183	5/13	
95272	95BHA95278	Jpn. W1162B	1/13	
95273	95BHA95279	Jpn. W1197	5/12	
95276	95BHA95284	Jpn. W1193	46/10	
95282	95BHA95288	Jpn. W1167	10/11	
95285	95BHA95289	Jpn. W1166	29/12	
95342	95AHA95339	Jpn. W1265	46/12	
96940	96BHA96933	Jpn. W7	51/12	
96941	96BCO96932	Jpn. W28	20/15	
96942	96BHA96931	Jpn. W5	21/11	
96961	96BHA96951	Jpn. W1033A	46/10	21/14
97041	97BHA97044	Jpn. W65	21/11	44/15

Former US Chart No.	*Current US Chart No.*	*Foreign Chart No.*	*Originally Announced in NTM*	*Later Edition*
97042	97XHA97045	Jpn. W71	46/11	49/15
97043	97XHA97046	Jpn. W1091	45/11	12/12
97060	97ACO97050	Jpn. W54	46/11	1/13
97062	97BHA97053	Jpn. W79	20/15	
97063	97XHA97054	Jpn. W1099	16/13	
97063	97XHA97058	Jpn. W1093	36/13	18/15
97064	97BHA97055	Jpn. W1100	39/12	3/14
97082	97BHA97084	Jpn. W64A	9/12	22/15
97083	97BHA97085	Jpn. W64B	9/12	34/14
97104	97BHA97093	Jpn. W63	26/12	
97108	97BHA97095	Jpn. W1049	38/12	49/15
97141	97BHA97132	Jpn. W1067	52/12	
97143	97AHA97133	Jpn. W1062	11/11	
97144	97AHA97134	Jpn. W1081	9/11	52/12
97146	97AHA97135	Jpn. W1083	46/10	49/15
97148	97XHA97136	Jpn. W1085	18/11	
97149	97AHA97137	Jpn. W66	46/10	3/14
97150	97XHA97139	Jpn. W67	46/10	
97151	97AHA97168	Jpn. W1061	21/11	
97154	97BHA97171	Jpn. W1042	52/11	
97155	97BHA97172	Jpn. W1065	21/11	
97156	97BHA97173	Jpn. W92	49/11	
97158	97AHA97175	Jpn. W1066	21/15	
97181	97BHA97089	Jpn. W1051	42/12	
97182	97BHA97090	Jpn. W1053	21/12	
97183	97BHA97028	Jpn. W95	16/13	21/15
97184	97BHA97030	Jpn. W1055A	49/11	37/13
97185	97BHA97031	Jpn. W1057B	49/11	
97188	97BHA97033	Jpn. W1052	38/12	
97189	97BHA97034	Jpn. W1055B	49/11	
97201	97XHA97037	Jpn. W75	21/15	
97204	97AHA97191	Jpn. W131	11/11	
97218	97BHA97216	Jpn. W134B	37/13	
97220	97BHA97197	Jpn. W1103	29/12	
97221	97AHA97198	Jpn. W106	11/11	
97225	97AHA97210	Jpn. W150A	46/11	
97226	97XHA97211	Jpn. W1110	3/12	29/14
97227	97XHA97212	Jpn. W1146	30/13	
97228	97AHA97213	Jpn. W123	29/14	
97229	97AHA97214	Jpn. W101A	29/12	
97230	97AHA97215	Jpn. W101B	20/12	
97233	97BHA97252	Jpn. W153	12/11	21/14
97234	97BHA97253	Jpn. W137A	45/11	3/14
97235	97BHA97254	Jpn. W165	27/13	
97236	97BHA97255	Jpn. W137B	46/11	3/14
97237	97BHA97256	Jpn. W1121	6/12	
97241	97BHA97259	Jpn. W1124	21/11	
97251	97BHA97292	Jpn. W128	21/15	
97261	97BHA97293	Jpn. W141	12/11	49/11
97262	97BHA97294	Jpn. W104	12/11	
97263	97BHA97295	Jpn. W132	9/11	
97263	97BHA97965	Jpn. W1361	45/11	50/15
97272	97BHA97306	Jpn. W126	46/11	
97274	97AHA97308	Jpn. W127	9/11	
97277	97AHA97311	Jpn. W1102	40/13	

Former US Chart No.	*Current US Chart No.*	*Foreign Chart No.*	*Originally Announced in NTM*	*Later Edition*
97280	97BHA97315	Jpn. W1106	45/11	
97285	97AHA97319	Jpn. W1262	11/11	21/15
97286	97AHA97321	Jpn. W1263	11/11	21/15
97287	97AHA97322	Jpn. W1264	11/11	21/14
97303	97BHA97324	Jpn. W110	6/12	49/15
97340	97ACO97327	Jpn. W1221	42/13	
97343	97BHA97330	Jpn. W214A	21/14	
97360	97ACO97333	Jpn. W1222	40/13	
97383	97BHA97337	Jpn. W206	3/12	
97391	97BHA97351	Jpn. W202	21/15	
97410	97XHA97358	Jpn. W166	6/12	
97423	97BHA97363	Jpn. W1227	3/14	
97465	97BHA97370	Jpn. W222A	49/11	
97466	97AHA97371	Jpn. W243	13/12	
97469	97AHA97373	Jpn. W228B	48/11	
97481	97BCO97375	Jpn. W1205	49/11	
97343	97BHA97567	Jpn. 214B	21/14	
97563	97AHA97568	Jpn. W50	4/12	50/15

MARINE INFORMATION REPORT AND SUGGESTION SHEET INSTRUCTIONS

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

Observer: name(s) of person(s) making observation and rank, rate or title.
Ship/Organization: name of vessel or organization.
Address: complete mailing address. Also include telephone number, fax, and/or e-mail address, if available, in case clarification is required.
Date of Observation: day, month and year at which the observation was made.
Time of Observation: local time at which the observation was made.
Latitude/Longitude: exact position of the observation expressed as accurately as possible.
Datum: horizontal datum to which the observed position is referred (e.g. WGS, NAD83, local foreign datum, etc.).
Navigation System: method used to determine the position of the observation (e.g. radar, GPS, Loran, etc.). Include details about the equipment used, if deemed pertinent.
Verified by Navigator: indicate whether observation was verified by navigator.
Product(s) Affected: product number(s) and/or name(s) to which the observation applies (e.g. Chart 62400, Sailing Directions Pub. 127, etc.).
Edition: edition number and/or year of affected product.
Latest correction applied: the latest Notice to Mariners to which your copy of affected product has been corrected.
Sounding sensor or method used: equipment or method used to collect soundings. When reporting soundings, please provide an annotated echogram, if available, for verification.
Soundings corrected for draft: indicate whether soundings have been corrected for vessel's draft. If not, please include observed draft along with the details of information reported.
Details of Information Reported: use this space to provide details of the observation/suggestion. When referring to a charted feature, please describe it exactly as it appears on the chart. When referring to a publication, please indicate page number(s) and line number(s) or station number(s) as applicable. Use additional sheets as necessary and include diagrams, photocopies of the product(s) involved and/or photographs to describe observations in greater detail. If possible, include the designation, point of contact, telephone number, fax number and/or e-mail address of the local port authority to enable NGA to update our records and obtain additional or later information.
User Feedback: use this space to provide feedback and suggestions for improving NGA products and services.

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

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

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

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

MARINE INFORMATION REPORT AND SUGGESTION SHEET

Observer _____ Ship/Organization _____

Address _____

_____

Email address _____

Date of Observation _____ Time of Observation (Local) _____

Latitude _____ Longitude _____ Datum _____

Navigation System _____ Verified by Navigator: Yes _____ No _____

Product(s) Affected _____ Edition _____

Latest correction applied: N.M. _____

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

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

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User Feedback (continue on additional sheets as necessary)

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MARITIME SAFETY OFFICE
MAIL STOP N64-SH
NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY
7500 GEOINT DRIVE
SPRINGFIELD, VA 22150-7500

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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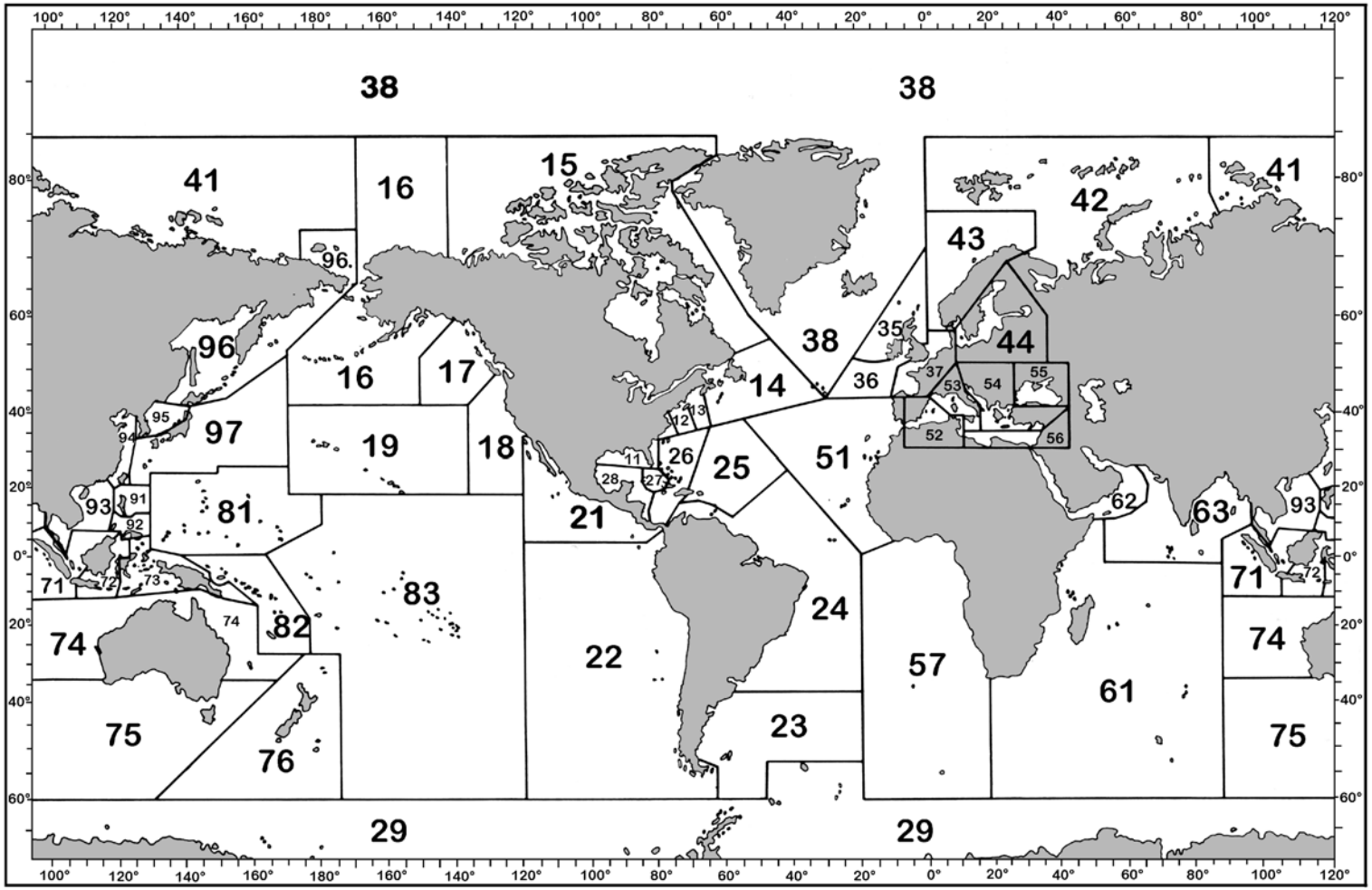

GEOGRAPHIC LOCATOR

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