No. 35

1 SEPTEMBER 2012

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

Contents

Section I

Chart Corrections I-1.1
Chartlets / Depth Tabulations / Notes I-2.1
Charts Affected by Notice to Mariners I-3.1

Section II

NGA/DLIS Catalog Corrections II-1.1
Navigation Publications Corrections II-2.1
USCG Light List Corrections / Radiobeacon Corrections. II-3.1
NGA List of Lights / Radiobeacon / DGPS Corrections II-4.1
Publications Affected by Notice to Mariners. II-5.1

Section III

Broadcast Warnings / MARAD Advisories / Special Warnings III-1.1
Marine Information III-2.1

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	571-557-5943	547-5943	571-558-3261
Navigation Publications	571-557-8080	547-8080	571-558-3261
DLA Catalog of Maps Charts and Related Products	269-961-7766	661-7766	269-961-7791

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

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

Observer	**Ship/Organization**
QM2(SW) Thomas Sanborn	USS ENTERPRISE

Cover Photo: The NOAA Ship Fairweather, is a hydrographic survey ship that was originally commissioned in the National Oceanic and Atmospheric Administration (NOAA) fleet in 1968 and is named for Mt. Fairweather in southeast Alaska, which is the highest peak in the Fairweather Range--the tallest coastal range on earth. The ship was deactivated in 1989, but due to a critical backlog of survey requirements for nautical charts in the Alaska region, it was placed back into active service in 2004. The **Fairweather** is designed and outfitted primarily for conducting hydrographic surveys in support of nautical charting, but is capable of many other missions in support of NOAA programs. The ship is equipped with the latest in hydrographic survey technology--multi-beam survey systems; high-speed, high-resolution side-scan sonar; position and orientation systems, hydrographic survey launches, and an on-board data-processing server. Increased mission space and deck machinery enable **Fairweather** to be tasked with anything from buoy operations to fisheries research cruises. The 241 foot vessel is based in Ketchikan, Alaska and is NOAA's only multi-role Arctic survey platform. The bathymetric data collected by the ship is used to update critical chart areas in Alaska and the Arctic. The **Fairweather** is featured on the cover not only due to her invaluable survey collection capabilities and service to our nation, but also to recognize it as the last at-sea command of Rear Admiral Chris Andreasen, NOAA Corps (Ret) who is retiring after 50 years of service to the U.S. and international maritime community. RADM Andreasen has served in various capacities both afloat and ashore at NOAA, as the President of the Directing Committee for the International Hydrographic Organization (IHO), and most recently as the Chief Hydrographer of the National Geospatial-Intelligence Agency (NGA). His dedication, commitment and contributions to global safety of navigation throughout his career are unequalled and we wish him fair winds and following seas in his retirement!

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 35/12

1 September 2012

NOAA CHART NEW EDITIONS AND THEIR AVAILABILITY

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

NEW EDITION OF COAST PILOT

U.S. COAST PILOT 9, ALASKA: CAPE SPENCER TO BEAUFORT SEA, THIRTIETH EDITION, 2012, IS READY FOR ISSUE. SEE SECTIONS II AND III.

NGA DIGITAL NAUTICAL CHART NEW EDITIONS AND THEIR AVAILABILITY

DIGITAL NAUTICAL CHART (DNC) NEW EDITIONS HAVE BEEN POSTED ON NGA MARITIME SAFETY WEBSITES. FOR ADDITIONAL INFORMATION, SEE SECTION III.

RADIOTELEPHONE DISTRESS WATCHKEEPING

MEDIUM FREQUENCY RADIO CALLS TO THE COAST GUARD ON THE INTERNATIONAL RADIOTELEPHONE DISTRESS FREQUENCY 2182 KHZ MAY NOT BE RELIABLY RECEIVED BY THE COAST GUARD. FOR ADDITIONAL INFORMATION, SEE SECTION III.

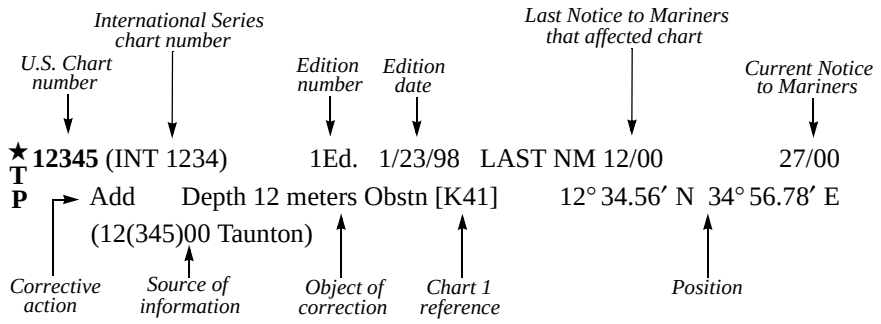
NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY'S IMPLEMENTATION OF A HARDCOPY TO DIGITAL TRANSITION STRATEGY

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.

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.

400 (INT 400) 3Ed. 12/25/93 LAST NM 30/12 35/12
Delete Dashed-line circle "Obstn (shallow)" 25° 58′ N 88° 03′ W
Dashed-line circle "Obstn (shallow)" 25° 49′ N 87° 33′ W
Dashed-line circle "Obstn (shallow)" 25° 41′ N 87° 03′ W
Dashed-line circle "Obstn (shallow)" 25° 29′ N 86° 34′ W
Dashed-line circle "Obstn (deep)" 25° 18′ N 86° 05′ W
Dashed-line circle "Obstn (deep)" 26° 25′ N 87° 51′ W
Dashed-line circle "Obstn (shallow)" 26° 15′ N 87° 19′ W
Dashed-line circle "Obstn (shallow)" 26° 07′ N 86° 50′ W
Dashed-line circle "Obstn (shallow)" 25° 56′ N 86° 21′ W
Dashed-line circle "Obstn (deep)" 25° 44′ N 85° 52′ W
Dashed-line circle "Obstn (deep)" 25° 33′ N 85° 23′ W
Dashed-line circle "Obstn (deep)" 26° 42′ N 87° 07′ W
Dashed-line circle "Obstn (deep)" 26° 33′ N 86° 37′ W
Dashed-line circle "Obstn (shallow)" 26° 23′ N 86° 09′ W
Dashed-line circle "Obstn (shallow)" 26° 11′ N 85° 39′ W
Dashed-line circle "Obstn (deep)" 26° 00′ N 85° 09′ W
Legend "SEE NOTE" 26° 02′ N 86° 36′ W
Note "SUBMERGED...MOORINGS" 31° 54′ N 85° 00′ W
(NTM0004/2009)

401 (INT 401) 5Ed. 6/15/91 LAST NM 43/11 35/12
Delete Dashed-line circle "Obstn (shallow)" 25° 58′ N 88° 03′ W
Dashed-line circle "Obstn (shallow)" 25° 49′ N 87° 33′ W
Dashed-line circle "Obstn (shallow)" 25° 41′ N 87° 03′ W
Dashed-line circle "Obstn (shallow)" 25° 29′ N 86° 34′ W
Dashed-line circle "Obstn (deep)" 25° 18′ N 86° 05′ W
Dashed-line circle "Obstn (deep)" 26° 25′ N 87° 51′ W
Dashed-line circle "Obstn (shallow)" 26° 15′ N 87° 19′ W
Dashed-line circle "Obstn (shallow)" 26° 07′ N 86° 50′ W
Dashed-line circle "Obstn (shallow)" 25° 56′ N 86° 21′ W
Dashed-line circle "Obstn (deep)" 25° 44′ N 85° 52′ W
Dashed-line circle "Obstn (deep)" 25° 33′ N 85° 23′ W
Dashed-line circle "Obstn (deep)" 26° 42′ N 87° 07′ W
Dashed-line circle "Obstn (deep)" 26° 33′ N 86° 37′ W
Dashed-line circle "Obstn (shallow)" 26° 23′ N 86° 09′ W
Dashed-line circle "Obstn (shallow)" 26° 11′ N 85° 39′ W
Dashed-line circle "Obstn (deep)" 26° 00′ N 85° 09′ W
Legend "SEE NOTE" 26° 02′ N 86° 36′ W
Note "SUBMERGED...MOORINGS" 20° 33′ N 88° 43′ W
(NTM0004/2009)

411 53Ed. 2/11 LAST NM 17/12 35/12
Delete Dashed-line circle "Obstn" 25° 58′ N 88° 03′ W
Dashed-line circle "Obstn" 25° 49′ N 87° 33′ W
Dashed-line circle "Obstn" 25° 41′ N 87° 03′ W
Dashed-line circle "Obstn" 25° 29′ N 86° 34′ W
Dashed-line circle "Obstn" 25° 18′ N 86° 05′ W
Dashed-line circle "Obstn" 26° 25′ N 87° 51′ W
Dashed-line circle "Obstn" 26° 15′ N 87° 19′ W
Dashed-line circle "Obstn" 26° 07′ N 86° 50′ W
Dashed-line circle "Obstn" 25° 56′ N 86° 21′ W
Dashed-line circle "Obstn" 25° 44′ N 85° 52′ W
Dashed-line circle "Obstn" 25° 33′ N 85° 23′ W
Dashed-line circle "Obstn" 26° 42′ N 87° 08′ W
Dashed-line circle "Obstn" 26° 33′ N 86° 37′ W
Dashed-line circle "Obstn" 26° 23′ N 86° 09′ W
Dashed-line circle "Obstn" 26° 11′ N 85° 39′ W
Dashed-line circle "Obstn" 26° 00′ N 85° 09′ W
(NTM0004/2009)

531 24Ed. 7/07 LAST NM 13/12 35/12
Add Submarine cable [L30.1] joining 59° 40.9′ N 153° 37.8′ W
59° 37.6′ N 153° 35.2′ W
59° 33.2′ N 153° 21.8′ W
59° 33.6′ N 152° 37.6′ W
59° 36.0′ N 152° 16.4′ W
59° 35.6′ N 151° 48.8′ W
59° 38.3′ N 151° 32.8′ W
(NOS)

1114A Ed. 1/06 LAST NM 23/12 35/12
Delete BELL from buoy "2" 29° 44.5′ N 84° 39.2′ W
(32/12 CG8)

1115A Ed. 10/10 LAST NM 34/12 35/12
Add Submarine pipeline [L40.1] between
27° 33.4′ N 87° 46.2′ W
27° 33.7′ N 87° 44.4′ W

Submarine pipeline [L40.1] joining 28° 31.3′ N 88° 17.3′ W
28° 30.6′ N 88° 19.2′ W
28° 29.7′ N 88° 19.6′ W
28° 26.7′ N 88° 16.6′ W
28° 27.5′ N 88° 14.7′ W
28° 30.6′ N 88° 19.2′ W

Submarine pipeline [L40.1] between
28° 26.7′ N 88° 16.6′ W
28° 30.6′ N 88° 19.2′ W
(NOS)

1116A Ed. 5/12 LAST NM 34/12 35/12
Delete Platform 28° 49.4′ N 92° 44.5′ W
Platform 28° 50.0′ N 92° 43.2′ W
Platform 28° 53.9′ N 92° 35.5′ W
Platform 28° 55.4′ N 92° 09.5′ W

Add Platform [L10] 28° 39.9′ N 91° 30.6′ W
(32/12 CG8)

★11006 33Ed. 3/09 LAST NM 31/12 35/12
Delete Dashed-line circle "Subm...note)" 25° 57.7′ N 88° 03.2′ W
Dashed-line circle "Subm...note)" 25° 49.0′ N 87° 33.1′ W
Dashed-line circle "Subm...note)" 25° 40.5′ N 87° 02.9′ W
Dashed-line circle "Subm...note)" 25° 29.2′ N 86° 33.6′ W
Dashed-line circle "Subm...note)" 25° 18.0′ N 86° 04.8′ W
Dashed-line circle "Subm...note)" 26° 25.0′ N 87° 51.0′ W
Dashed-line circle "Subm...note)" 26° 15.3′ N 87° 19.0′ W
Dashed-line circle "Subm...note)" 26° 06.7′ N 86° 50.4′ W
Dashed-line circle "Subm...note)" 25° 55.6′ N 86° 21.3′ W
Dashed-line circle "Subm...note)" 25° 44.3′ N 85° 51.7′ W
Dashed-line circle "Subm...note)" 25° 33.0′ N 85° 23.0′ W
Dashed-line circle "Subm...note)" 26° 41.8′ N 87° 07.6′ W
Dashed-line circle "Subm...note)" 26° 32.9′ N 86° 37.3′ W
Dashed-line circle "Subm...note)" 26° 22.5′ N 86° 08.6′ W
Dashed-line circle "Subm...note)" 26° 10.7′ N 85° 38.9′ W
Dashed-line circle "Subm...note)" 26° 00.0′ N 85° 09.2′ W

Note "SUBMERGED...MOORINGS"
27° 09.0′ N 82° 03.0′ W
(NTM0004/2009)

11013 48Ed. 2/12 LAST NM 14/12 35/12
Delete Dashed-line circle "Obstn" 26° 00.0′ N 85° 09.2′ W
(NTM0004/2009)

★11301 25Ed. 5/08 LAST NM 32/11 35/12
Delete Platform 26° 13′ 46″N 96° 59′ 44″W

Substitute Light "1" Fl G 4s for beacon "1"
26° 02′ 49″N 97° 12′ 19″W
(32/12 CG8)

11302 33Ed. 9/11 LAST NM 47/11 35/12
(Side B)
Substitute Light "1" Fl G 4s 17ft 3M for beacon "1"
26° 02′ 48.8″N 97° 12′ 19.1″W
(32/12 CG8)

11326 38Ed. 12/11 LAST NM 34/12 35/12
(Page A, Inset 1)
Change Height of range light, front to 70ft
29° 43′ 57.0″N 95° 03′ 09.0″W
(32/12 CG8)

★11329 38Ed. 5/08 LAST NM 34/12 35/12
Change Height of range light, front to 70ft
29° 43′ 57.0″N 95° 03′ 09.0″W
(See 34/12-11329)
(32/12 CG8)

★11330 21Ed. 2/11 LAST NM 34/12 35/12
Delete Platform 28° 49.4′ N 92° 44.5′ W
(32/12 CG8)

★11332 32Ed. 2/12 LAST NM 27/12 35/12
Delete Platform 29° 25′ 36″N 93° 50′ 23″W
(32/12 CG8)

★11339 3Ed. 2/10 LAST NM 34/12 35/12
(Inset)
Add Tabulation of controlling depths from
Subsection I-2
(Supersedes 23/12-11339)

(continued on next page)

11339 (Continued)
(Inset Continuation)
Delete Danger circle "Obstn" (PA) 30° 12′ 51.0″N 93° 15′ 28.0″W
(Supersedes 34/12-11339)
(NOS; 32/12 CG8)

★11340 76Ed. 5/12 LAST NM 34/12 35/12
Delete Platform 28° 49.4′ N 92° 44.5′ W
Platform 28° 50.0′ N 92° 43.2′ W
Platform 28° 53.9′ N 92° 35.5′ W
Platform 28° 55.4′ N 92° 09.5′ W

Add Platform [L10] 28° 39.9′ N 91° 30.6′ W
(32/12 CG8)

11341 43Ed. 4/11 LAST NM 34/12 35/12
Delete Platform 29° 25′ 36″N 93° 50′ 23″W
(32/12 CG8)

11344 39Ed. 2/12 LAST NM 34/12 35/12
Add Tabulation of controlling depths from
Subsection I-2
(Supersedes 23/12-11344)
(NOS)

★11346 4Ed. 5/12 LAST NM 34/12 35/12
Add Tabulation of controlling depths from
Subsection I-2
(NOS)

11347 39Ed. 7/11 LAST NM 34/12 35/12
(Side A)
Add Tabulation of controlling depths from
Subsection I-2
(Supersedes 23/12-11347)

(Side B, Inset)
Delete Danger circle "Obstn" (PA) 30° 12′ 51.0″N 93° 15′ 28.0″W
(Supersedes 34/12-11347)

Add Tabulation of controlling depths from
Subsection I-2
(NOS; 32/12 CG8)

★11353 6Ed. 7/11 LAST NM 30/12 35/12
Add Submarine pipeline [L40.1] joining
29° 22′ 00.9″N 89° 08′ 14.7″W
29° 23′ 34.6″N 89° 04′ 06.0″W
29° 24′ 03.4″N 89° 02′ 05.7″W
(NOS)

★11357 42Ed. 5/12 LAST NM 34/12 35/12
Delete Platform 28° 56′ 30″N 90° 29′ 55″W
(32/12 CG8)

★11360 44Ed. 10/10 LAST NM 34/12 35/12
Add Submarine pipeline [L40.1] between
27° 33.4′ N 87° 46.2′ W
27° 33.7′ N 87° 44.4′ W

Submarine pipeline [L40.1] joining 28° 31.3′ N 88° 17.3′ W
28° 30.6′ N 88° 19.2′ W
28° 29.7′ N 88° 19.6′ W
28° 26.7′ N 88° 16.6′ W
28° 27.5′ N 88° 14.7′ W
28° 30.6′ N 88° 19.2′ W

Submarine pipeline [L40.1] between
28° 26.7′ N 88° 16.6′ W
28° 30.6′ N 88° 19.2′ W
(NOS)

11362 5Ed. 9/24/05 LAST NM N34/12 N35/12
Add Submarine pipeline [L40.1] between
27° 33.4′ N 87° 46.2′ W
27° 33.7′ N 87° 44.4′ W

Submarine pipeline [L40.1] joining 28° 31.3′ N 88° 17.3′ W
28° 30.6′ N 88° 19.2′ W
28° 29.7′ N 88° 19.6′ W
28° 26.7′ N 88° 16.6′ W
28° 27.5′ N 88° 14.7′ W
28° 30.6′ N 88° 19.2′ W

Submarine pipeline [L40.1] between
28° 26.7′ N 88° 16.6′ W
28° 30.6′ N 88° 19.2′ W
(NOS)

11363 43Ed. 7/11 LAST NM 30/12 35/12
Add Submarine pipeline [L40.1] joining
29° 22′ 01″N 89° 08′ 15″W
29° 23′ 35″N 89° 04′ 06″W
29° 24′ 03″N 89° 02′ 06″W
(NOS)

★11366 14Ed. 5/11 LAST NM 34/12 35/12
Add Submarine pipeline [L40.1] joining 28° 30.7′ N 88° 19.3′ W
28° 29.7′ N 88° 19.6′ W
28° 29.5′ N 88° 19.3′ W
(NOS)

★11370 28Ed. 1/12 LAST NM 34/12 35/12
(Side B)
Change Visibility (range) of light "195" to 4M
30° 11′ 23.4″N 91° 09′ 58.5″W
(32/12 CG8)

11378 37Ed. 6/10 LAST NM 34/12 35/12
(Side A)
Delete BELL from buoy "WR2" 30° 17′ 43.4″N 87° 18′ 44.2″W
(See 42/11-11378)
(32/12 CG8)

11382 41Ed. 5/10 LAST NM 34/12 35/12
Delete BELL from buoy "WR2" 30° 17′ 43″N 87° 18′ 44″W
(See 42/11-11382)
(32/12 CG8)

11383 52Ed. 4/11 LAST NM 34/12 35/12
Delete BELL from buoy "WR2" 30° 17′ 43.4″N 87° 18′ 44.2″W
(See 42/11-11383)
(32/12 CG8)

★11384 36Ed. 12/10 LAST NM 34/12 35/12
Delete BELL from buoy "WR2" 30° 17′ 43.4″N 87° 18′ 44.2″W
(See 42/11-11384)
(32/12 CG8)

11400 36Ed. 1/06 LAST NM 23/12 35/12
Delete BELL from buoy "2" 29° 44.5′ N 84° 39.2′ W
(32/12 CG8)

11404 23Ed. 5/06 LAST NM 43/11 35/12
(Side A)
Delete BELL from buoy "2" 29° 44′ 33.2″N 84° 39′ 12.8″W
(32/12 CG8)

★11405 29Ed. 6/03 LAST NM 43/11 35/12
Delete BELL from buoy "2" 29° 44′ 34″N 84° 39′ 13″W
(32/12 CG8)

11435 14Ed. 6/24/06 LAST NM N6/12 N35/12
Delete Dangerous wreck "Mast" (PA) 24° 39.4′ N 81° 54.0′ W

Substitute Depth 7.3 meters Wk [K26] for 6.4 meters Wk
24° 39.4′ N 81° 53.0′ W

Add Depth 7.9 meters Obstn [K41] 24° 39.8′ N 81° 54.6′ W
Depth 7.9 meters Obstn [K41] 24° 41.3′ N 81° 53.6′ W
Depth 7.3 meters Wk [K26] 24° 41.0′ N 81° 52.7′ W
Depth 9.1 meters Wk [K26] 24° 39.4′ N 81° 53.9′ W
(NOS)

11451 35Ed. 2/11 LAST NM 18/12 35/12
(Page A)
Change Visibility (range) of light "1" to 5M
25° 42′ 05″N 80° 11′ 00″W
(31/12 CG7)

11502 33Ed. 10/11 LAST NM 13/12 35/12
Add Legend "Shoaling Rep (2012)" (PA) 30° 56′ 46″N 81° 21′ 32″W
Legend "Shoaling Rep (2012)" (PA) 30° 57′ 23″N 81° 21′ 41″W
(NOS)

★11504 18Ed. 6/11 LAST NM 12/12 35/12
Add Legend "Shoaling Rep (2012)" (PA) 30° 56′ 46.0″N 81° 21′ 32.0″W
Legend "Shoaling Rep (2012)" (PA) 30° 57′ 23.0″N 81° 21′ 41.0″W
(NOS)

11509 32Ed. 2/12 LAST NM 34/12 35/12
Change Visibility (range) of light "16" to 5M 31° 55′ 09″N 80° 56′ 44″W
(32/12 CG7)

★11512 62Ed. 2/10 LAST NM 34/12 35/12
Change Visibility (range) of light "16" to 5M 31° 55′ 09″N 80° 56′ 44″W
(32/12 CG7)

★11532 21Ed. 7/06 LAST NM 21/12 35/12
Delete Dangerous wreck 33° 15′ 00.7″N 79° 12′ 59.2″W

Substitute Depth 18 feet Obstn [K41] for 19 feet Obstn 33° 22′ 52.4″N 79° 14′ 35.3″W

Add Depth 16 feet Obstn [K41] 33° 21′ 08.6″N 79° 15′ 59.1″W
Depth 20 feet Obstn [K41] 33° 21′ 23.8″N 79° 15′ 40.8″W
Depth 22 feet Obstn [K41] 33° 15′ 13.6″N 79° 12′ 48.3″W
(NOS)

11534 37Ed. 2/12 LAST NM 34/12 35/12
(Side B)
Delete Dashed line and legend "Subm stakes" (PA) between 33° 20′ 58″N 79° 16′ 02″W
33° 20′ 50″N 79° 15′ 37″W

Substitute Depth 18 feet Obstn [K41] for 19 feet Obstn 33° 22′ 52″N 79° 14′ 35″W

Add Depth 16 feet Obstn [K41] 33° 21′ 09″N 79° 15′ 59″W
Depth 20 feet Obstn [K41] 33° 21′ 24″N 79° 15′ 41″W
(NOS)

★12206 33Ed. 10/08 LAST NM 14/12 35/12
(Side A)
Delete Dangerous wreck 36° 50′ 27″N 76° 17′ 20″W
Dangerous wreck (PA) 36° 50′ 49″N 76° 18′ 00″W
Depth 35 feet Obstn 36° 49′ 55″N 76° 17′ 37″W

Add Depth 20 feet Obstn [K41] 36° 50′ 29″N 76° 16′ 50″W
(NOS)

12221 81Ed. 4/11 LAST NM 27/12 35/12
Delete BELL from buoy "22" 37° 08′ 24″N 76° 08′ 37″W
(20/12 CG5)

12222 53Ed. 10/11 LAST NM 34/12 35/12
Delete BELL from buoy "22" 37° 08′ 24″N 76° 08′ 37″W
BELL from buoy "12" 36° 57′ 17″N 76° 24′ 26″W

Change Legend to "Diffuser (16 ft)" 36° 55′ 54″N 76° 23′ 40″W

Add Depth 10 feet Wk [K26] 36° 55′ 51″N 76° 22′ 46″W
(NOS; 20/12 CG5)

★12224 25Ed. 4/11 LAST NM 27/12 35/12
Delete BELL from buoy "22" 37° 08′ 23.7″N 76° 08′ 36.8″W
(20/12 CG5)

★12245 67Ed. 8/08 LAST NM 34/12 35/12
Delete BELL from buoy "12" 36° 57′ 17.0″N 76° 24′ 25.6″W

Change Legend to "Diffuser (16 ft)" 36° 55′ 54.0″N 76° 23′ 40.0″W

Add Depth 10 feet Wk [K26] 36° 55′ 51.2″N 76° 22′ 45.8″W
(NOS: 20/12 CG5)

12248 42Ed. 1/08 LAST NM 15/12 35/12
Delete BELL from buoy "12" 36° 57′ 17″N 76° 24′ 26″W
(20/12 CG5)

12280 10Ed. 12/11 LAST NM 34/12 35/12
(Right Panel)
Delete BELL from buoy "22" 37° 08.4′ N 76° 08.6′ W
(20/12 CG5)

★12281 54Ed. 5/12 LAST NM 33/12 35/12
Add Buoy "1" G, QG 39° 16′ 36.8″N 76° 35′ 41.8″W
Buoy "2" R, QR 39° 16′ 40.7″N 76° 35′ 41.8″W
Buoy "3" G, QG 39° 16′ 37.0″N 76° 35′ 59.9″W
Buoy "4" R, QR 39° 16′ 40.8″N 76° 35′ 57.7″W
Buoy "5" G, QG 39° 16′ 47.4″N 76° 36′ 13.0″W
Buoy "6" R, QR 39° 16′ 50.2″N 76° 36′ 09.4″W
(23/12 CG5)

★14007 1Ed. 1/17/03 NEW EDITION N35/12
(NGA)

★14020 1Ed. 7/16/04 NEW EDITION N35/12
(NGA)

★14219 1Ed. 11/4/11 NEW EDITION N35/12
Add Legend "BILATERAL CHART US 14219" in lower right margin of chart

Legend "US 14219" in left upper margin of chart
(NGA)

★14252 1Ed. 3/24/06 NEW EDITION N35/12
(NGA)

★14848 58Ed. 10/07 LAST NM 26/12 35/12
(Left Panel)
Delete Depth 11 feet 42° 09′ 53.8″N 83° 09′ 50.6″W
Depth 14 feet 42° 09′ 44.2″N 83° 09′ 53.7″W

Add Depth 13 feet 42° 09′ 45.6″N 83° 09′ 52.0″W

Tabulation of controlling depths from Subsection I-2
(NOS)

14853 17Ed. 3/08 LAST NM 33/12 35/12
(Page 3)
Add Tabulation of controlling depths from Subsection I-2

(Page 4)
Delete Depth 11 feet 42° 09′ 54.1″N 83° 09′ 49.9″W
Depth 12 feet 42° 09′ 57.3″N 83° 09′ 50.2″W
Depth 17 feet 42° 10′ 03.7″N 83° 09′ 49.9″W
Depth 19 feet 42° 10′ 06.8″N 83° 09′ 49.9″W

Substitute Depth 14 feet for 12 feet 42° 09′ 47.5″N 83° 09′ 50.6″W

Add Depth 13 feet 42° 09′ 45.6″N 83° 09′ 52.0″W
(NOS)

★14854 14Ed. 3/04 LAST NM 20/12 35/12
Add Depth 13 feet 42° 09′ 45.6″N 83° 09′ 52.0″W
Depth 14 feet 42° 09′ 47.5″N 83° 09′ 50.6″W

Tabulation of controlling depths from Subsection I-2
(See 46/08-14854)
(NOS)

14901 15Ed. 8/06 LAST NM 26/12 35/12
Delete Buoy 43° 12.6′ N 87° 39.4′ W
(32/12 CG9)

★14904 26Ed. 8/03 LAST NM 20/12 35/12
Delete Buoy 43° 12′ 34″N 87° 39′ 22″W
(32/12 CG9)

★**14913** 19Ed. 9/05 LAST NM 26/12 35/12
(Inset Traverse City)
Add Designation "1" to light (Fl G 4s)
44° 47′ 19.0″N 85° 38′ 03.4″W
(32/12 CG9)

★**15585** 1Ed. 7/31/98 NEW EDITION N35/12
(NGA)

16011 37Ed. 11/07 LAST NM 42/11 35/12
Change Buoy to "2" R, Fl R 4s 56° 00.0′ N 160° 39.0′ W
(30/12 CG17)

16013 30Ed. 7/06 LAST NM 35/11 35/12
Add Submarine cable [L30.1] joining 59° 38.7′ N 153° 36.7′ W
59° 37.6′ N 153° 35.2′ W
59° 33.2′ N 153° 21.8′ W
59° 33.6′ N 152° 37.6′ W
59° 35.2′ N 152° 19.4′ W
59° 36.0′ N 152° 16.4′ W
59° 35.4′ N 152° 12.9′ W
59° 35.6′ N 151° 48.8′ W
59° 36.7′ N 151° 46.7′ W
59° 37.3′ N 151° 37.1′ W
59° 38.3′ N 151° 32.8′ W
(NOS)

★**16363** 12Ed. 7/02 LAST NM 34/10 35/12
Change Buoy to "2" R, Fl R 4s 56° 00′ 00″N 160° 39′ 12″W
Buoy to "3" G, Fl G 4s 55° 59′ 15″N 160° 36′ 49″W
Buoy to "4" R, Fl R 6s 55° 58′ 01″N 160° 39′ 36″W
Buoy to "5" G, Fl G 6s 55° 57′ 55″N 160° 38′ 18″W
Buoy to "6" R, Fl R 4s 55° 56′ 11″N 160° 42′ 37″W
Buoy to "7" G, Fl G 4s 55° 55′ 51″N 160° 41′ 51″W
Buoy to "8" R, Fl R 2.5s 55° 53′ 57″N 160° 47′ 09″W
Buoy to "9" G, Fl G 2.5s 55° 53′ 33″N 160° 47′ 14″W
(30/12 CG17)

16640 25Ed. 10/11 LAST NM 51/11 35/12
Add Submarine cable [L30.1] joining 59° 37.6′ N 153° 35.2′ W
59° 33.2′ N 153° 21.8′ W
59° 33.4′ N 153° 00.1′ W
59° 33.6′ N 152° 37.6′ W
59° 34.0′ N 152° 32.2′ W
59° 33.9′ N 152° 31.1′ W
59° 35.2′ N 152° 19.4′ W
59° 36.0′ N 152° 16.4′ W
59° 35.4′ N 152° 12.9′ W
59° 35.5′ N 152° 05.4′ W
59° 35.3′ N 152° 04.3′ W
59° 35.6′ N 151° 48.8′ W
59° 36.7′ N 151° 46.7′ W
59° 37.3′ N 151° 37.1′ W
59° 38.3′ N 151° 32.8′ W
(NOS)

★**16645** 20Ed. 11/11 LAST NM 25/12 35/12
Add Submarine cable [L30.1] joining
59° 35′ 27″N 152° 05′ 39″W
59° 35′ 27″N 152° 05′ 24″W
59° 35′ 16″N 152° 04′ 19″W
59° 35′ 36″N 151° 48′ 48″W
59° 36′ 44″N 151° 46′ 40″W
59° 36′ 52″N 151° 43′ 44″W
59° 37′ 18″N 151° 37′ 05″W
59° 38′ 19″N 151° 32′ 50″W
(NOS)

★**16647** 4Ed. 11/11 LAST NM 25/12 35/12
Add Submarine cable [L30.1] joining
59° 33′ 21″N 153° 05′ 30″W
59° 33′ 33″N 152° 37′ 33″W
59° 33′ 52″N 152° 34′ 41″W
59° 33′ 59″N 152° 32′ 10″W
59° 33′ 54″N 152° 31′ 05″W
59° 35′ 10″N 152° 19′ 21″W
59° 35′ 58″N 152° 16′ 26″W
59° 35′ 23″N 152° 12′ 53″W
59° 35′ 27″N 152° 05′ 24″W
59° 35′ 16″N 152° 04′ 19″W
59° 35′ 36″N 151° 48′ 48″W
59° 36′ 44″N 151° 46′ 40″W
59° 36′ 52″N 151° 43′ 44″W
59° 37′ 18″N 151° 37′ 05″W
59° 38′ 19″N 151° 32′ 50″W
(NOS)

★**16648** 5Ed. 5/05 LAST NM 28/05 35/12
Add Submarine cable [L30.1] joining
59° 37′ 27″N 153° 34′ 43″W
59° 33′ 10″N 153° 21′ 49″W
59° 33′ 26″N 152° 58′ 11″W

(Inset)
Add Submarine cable [L30.1] joining
59° 38′ 45″N 153° 36′ 39″W
59° 37′ 36″N 153° 35′ 13″W
59° 35′ 55″N 153° 30′ 08″W
(NOS)

★**16723** 15Ed. 1/29/00 LAST NM 25/08 35/12
Relocate Light "S" from 60° 13′ 16″N 144° 58′ 57″W
to 60° 13′ 18″N 144° 59′ 01″W
(30/12 CG17)

★**18525** 37Ed. 6/12 NEW EDITION 35/12
(NOS)

★**18532** 21Ed. 5/06 LAST NM 28/12 35/12
(Lower Panel)
Substitute Position circle "Piles" for beacon "1"
45° 43′ 00″N 121° 30′ 35″W

(Inset Hood River)
Substitute Position circle "Piles" for beacon "1"
45° 42′ 59.9″N 121° 30′ 34.6″W
(See 13/10-18532)
(32/12 CG13)

★**18556** 26Ed. 6/12 NEW EDITION 35/12
(NOS)

18740 43Ed. 7/11 LAST NM 34/12 35/12
Delete Buoy "161" 33° 00.2′ N 117° 17.5′ W
(32/12 CG11)

★**18774** 12Ed. 7/11 LAST NM 30/12 35/12
Delete Buoy "161" 33° 00′ 10″N 117° 17′ 30″W
(32/12 CG11)

21546 3Ed. 9/9/95 LAST NM 26/12 35/12
Add Chartlet, depicting changes in hydrography, topography and aids to navigation, from Subsection 1-2 9° 54′ 55.0″N 84° 43′ 16.0″W
(20(2147)12 Taunton)

22225 2Ed. 11/2/96 LAST NM 3/12 35/12
Substitute Depth 3934 meters for 3994 meters 27° 00.5′ S 72° 49.5′ W
(7(89)12 Valparaiso)

22259 5Ed. 1/20/07 LAST NM 41/11 35/12
Add Anchor berth "A" [N11.1] 33° 02′ 02.7″S 71° 36′ 22.0″W
Anchor berth "B" [N11.1] 33° 01′ 51.0″S 71° 36′ 10.8″W
Anchor berth "C" [N11.1] 33° 01′ 32.4″S 71° 35′ 58.2″W
Anchor berth "D" [N11.1] 33° 01′ 07.2″S 71° 35′ 04.2″W
Anchor berth "E" [N11.1] 33° 01′ 07.8″S 71° 34′ 43.8″W
Anchor berth "F" [N11.1] 33° 00′ 55.8″S 71° 34′ 30.0″W
Anchor berth "G" [N11.1] 33° 00′ 44.4″S 71° 34′ 13.2″W
Anchor berth "H" [N11.1] 33° 00′ 32.4″S 71° 34′ 27.0″W
Anchor berth "I" [N11.1] 33° 00′ 44.4″S 71° 34′ 54.6″W
Anchor berth "J" [N11.1] 33° 00′ 43.8″S 71° 35′ 30.0″W
Anchor berth "K" [N11.1] 33° 00′ 13.2″S 71° 35′ 29.4″W
Anchor berth "L" [N11.1] 33° 00′ 13.2″S 71° 34′ 52.8″W
Anchor berth "M" [N11.1] 33° 00′ 01.2″S 71° 34′ 19.8″W
Anchor berth "N" [N11.1] 32° 59′ 42.0″S 71° 35′ 31.2″W
Anchor berth "O" [N11.1] 32° 59′ 42.0″S 71° 34′ 54.6″W
Anchor berth "P" [N11.1] 32° 59′ 30.0″S 71° 34′ 20.4″W
Anchor berth "Q" [N11.1] 32° 59′ 30.6″S 71° 33′ 44.4″W
Anchor berth "R" [N11.1] 32° 59′ 00.6″S 71° 34′ 02.4″W
Anchor berth "S" [N11.1] 32° 59′ 09.0″S 71° 34′ 53.4″W
Anchor berth "T" [N11.1] 32° 59′ 09.0″S 71° 35′ 31.8″W
(7(91)12 Valparaiso)

22264 3Ed. 2/11/06 LAST NM 25/12 35/12
Add Anchor berth "R" [N11.1] 32° 59′ 01″ S 71° 34′ 02″ W
Anchor berth "S" [N11.1] 32° 59′ 09″ S 71° 34′ 53″ W
Anchor berth "T" [N11.1] 32° 59′ 09″ S 71° 35′ 32″ W
Anchor berth "U" [N11.1] 32° 58′ 40″ S 71° 34′ 11″ W
Anchor berth "V" [N11.1] 32° 58′ 40″ S 71° 34′ 29″ W
(7(91)12 Valparaiso)

23030 6Ed. 11/22/97 LAST NM 34/12 35/12
Add Depth 10.1 meters enclosed by dotted-line circle centered 34° 58.7′ S 55° 40.2′ W
(12(153)11 Buenos Aires)

23121 7Ed. 12/30/95 LAST NM 34/12 35/12
Change Note to
"NOTE
In 2007, the controlling depths within the approach channels were as follows: Canal Principal controlling depth 12.8m, width of channel 190m, Canal del Toro controlling depth 12.8m, width of channel 190m, Canal Ingeniero White controlling depth 12.2m, width of channel 190m. All areas are dredged periodically though shoal depths may exist. For the latest information, mariners should consult local authorities." 38° 56′ 30″ S 61° 50′ 00″ W
(19(160)07 Buenos Aires; US CH 23124)

23122 8Ed. 2/25/95 LAST NM 34/12 35/12
Add Legend "12.2 m" 38° 49′ 12.3″ S 62° 13′ 51.0″ W
Legend "12.2 m" 38° 54′ 16.0″ S 62° 08′ 54.0″ W
(19(160)07 Buenos Aires)

23126 6Ed. 1/1/01 LAST NM N34/12 N35/12
Add Legend "12.2 m" 38° 55.00′ S 62° 07.13′ W
Legend "12.8 m" 39° 00.43′ S 61° 54.50′ W
(19(160)07 Buenos Aires)

23127 4Ed. 1/1/01 LAST NM N34/12 N35/12
Add Legend "12.2 m" 38° 49′ 12″ S 62° 13′ 48″ W
Legend "12.2 m" 38° 54′ 12″ S 62° 08′ 54″ W
Legend "12.8 m" 39° 00′ 24″ S 61° 54′ 30″ W
(19(160)07 Buenos Aires)

24050 11Ed. 10/18/97 LAST NM 32/12 35/12
Add Depth 10.1 meters enclosed by dotted-line circle centered 34° 58.7′ S 55° 40.2′ W
(12(153)11 Buenos Aires)

24052 17Ed. 4/30/11 LAST NM N27/12 N35/12
Delete Buoy "Km 24" 34° 38′ 00″ S 58° 06′ 24″ W

Add Depth 1.5 meters Obstn [K41] 34° 29′ 20″ S 57° 52′ 10″ W

(Plan B)
Add Depth 1.5 meters Obstn [K41] 34° 29′ 19.8″ S 57° 52′ 10.2″ W
(12(152)11 Buenos Aires; 5(68)12 Montevideo)

24055 6Ed. 10/4/97 LAST NM 20/12 35/12
Add Depth 1.5 meters Obstn [K41] 34° 29.3′ S 57° 52.2′ W
(5(68)12 Montevideo)

24132 13Ed. 10/19/96 LAST NM 42/10 35/12
Delete Depth 16 meters 26° 12′ 05.3″ S 48° 29′ 24.0″ W

Add Depth 11.7 meters, blue tint and enclosing dotted-line circle centered 26° 11′ 09.6″ S 48° 29′ 26.4″ W

Depth 6.2 meters, blue tint and enclosing dotted-line circle centered 26° 12′ 06.0″ S 48° 29′ 24.6″ W

Chartlet, depicting changes in hydrography and aids to navigation, from Subsection I-2 26° 10′ 00.0″ S 48° 32′ 00.0″ W
(6(23), 13(67)12 Rio de Janeiro)

24463 6Ed. 6/3/95 LAST NM 26/12 35/12
(Plan B)
Add Chartlet A, depicting changes in hydrography, topography and aids to navigation, from Subsection 1-2 12° 25′ 30.0″ N 69° 53′ 51.0″ W

Chartlet B, depicting changes in hydrography, topography and aids to navigation, from Subsection 1-2 12° 25′ 30.0″ N 69° 55′ 09.0″ W
Note: Replaces Plan
(18(2107)10 Taunton)

24483 2Ed. 7/22/95 LAST NM 25/12 35/12
Delete Light "E31" 10° 58′ 30″ N 71° 35′ 55″ W
Light "E32" 10° 58′ 32″ N 71° 36′ 05″ W
Light "T35" 10° 56′ 45″ N 71° 36′ 12″ W
Light "T36" 10° 56′ 46″ N 71° 36′ 21″ W
Light "T37" 10° 55′ 48″ N 71° 36′ 20″ W
Light "T38" 10° 55′ 50″ N 71° 36′ 30″ W
Light "T39" 10° 54′ 51″ N 71° 36′ 29″ W
Light "T40" 10° 54′ 53″ N 71° 36′ 38″ W
Light "T42" 10° 53′ 56″ N 71° 36′ 47″ W

Light "T43" 10° 52′ 56″ N 71° 36′ 46″ W
Note: Legend "Tide Gauge" remains

Light "T44" 10° 52′ 58″ N 71° 36′ 56″ W

Relocate Buoy "B29" from 10° 58′ 42″ N 71° 35′ 53″ W
to 10° 58′ 33″ N 71° 35′ 53″ W
Buoy "B30" from 10° 58′ 43″ N 71° 36′ 04″ W
to 10° 58′ 33″ N 71° 36′ 04″ W

Substitute Buoy "E33" G, pillar, can topmark, Fl G 4s for light "E33" 10° 57′ 35″ N 71° 36′ 03″ W

Buoy "E34" R, pillar, cone topmark, Fl R 5s for light "E34" 10° 57′ 35″ N 71° 36′ 13″ W
and delete legend "Tide Gauge"

Buoy "T41" G, pillar, can topmark, Fl G 5s for light "T41" 10° 53′ 58″ N 71° 36′ 37″ W

Add Buoy "E31" G, pillar, can topmark, Fl G 4s
10° 58′ 03″ N 71° 35′ 57″ W
Buoy "B32" R, pillar, cone topmark, Fl R 5s
10° 58′ 04″ N 71° 36′ 08″ W
Buoy "T35" G, pillar, can topmark, Fl G 4s
10° 56′ 51″ N 71° 36′ 04″ W
Buoy "T36" R, pillar, cone topmark, Fl R 4s
10° 56′ 51″ N 71° 36′ 19″ W
Buoy "T37" G, pillar, can topmark, Fl G 4s
10° 55′ 52″ N 71° 36′ 19″ W
Buoy "T38" R, pillar, cone topmark, Fl R 5s
10° 55′ 53″ N 71° 36′ 29″ W
Buoy "T39" G, pillar, can topmark, Fl G 4s
10° 54′ 56″ N 71° 36′ 28″ W
Buoy "T40" R, pillar, cone topmark, Fl R 4s
10° 54′ 59″ N 71° 36′ 38″ W
Buoy "T42" R, pillar, cone topmark, Fl R 5s
10° 54′ 06″ N 71° 36′ 47″ W
Buoy "T43" G, pillar, can topmark, Fl G 4s
10° 53′ 01″ N 71° 36′ 45″ W
Buoy "T44" R, pillar, cone topmark, Fl R 4s
10° 53′ 03″ N 71° 36′ 56″ W
(UKHO ARCS 1520-1, 2)

27080 4Ed. 9/1/01 LAST NM 6/12 35/12
Delete Dangerous wreck "Mast" (PA) 24° 39.4′ N 81° 54.0′ W

Substitute Depth 7.3 meters Wk [K26] for 6.4 meters Wk
24° 39.4′ N 81° 53.0′ W

Add Depth 7.9 meters Obstn [K41] 24° 39.8′ N 81° 54.6′ W
Depth 7.9 meters Obstn [K41] 24° 41.3′ N 81° 53.6′ W
Depth 7.3 meters Wk [K26] 24° 41.0′ N 81° 52.7′ W
Depth 9.1 meters Wk [K26] 24° 39.4′ N 81° 53.9′ W
(NOS)

37120 3Ed. 3/3/07 LAST NM 32/12 35/12
Delete Buoy "S6" 51° 24.2′ N 3° 05.9′ E

Change Designation of buoy "WH Zuid" to "WH S"
51° 22.8′ N 2° 26.3′ E
Designation of buoy "VG7" to "SVG"
51° 24.5′ N 2° 59.9′ E

(continued on next page)

37120 (Continued)
Designation of buoy "SW W" to "AW2"
51° 22.0′ N 3° 01.0′ E
Designation of buoy "WBN" to "AW1"
51° 21.5′ N 3° 02.6′ E
Designation of buoy "A2" to "AW" 51° 22.4′ N 3° 07.1′ E

Add Buoy "S6" R, can, QR 51° 24.2′ N 3° 06.2′ E
(16(237, 239-243)12 Oostende)

37129 7Ed. 10/2/10 LAST NM N32/12 N35/12
Change Designation of buoy "WH Zuid" to "WH S"
51° 22.78′ N 2° 26.25′ E
Designation of buoy "VG7" to "SVG"
51° 24.53′ N 2° 59.92′ E
(16(237, 239)12 Oostende)

37162 13Ed. 4/9/11 LAST NM N33/12 N35/12
Delete Buoy "Munitie" 52° 13.0′ N 3° 49.2′ E
Foul ground symbol 52° 09.4′ N 3° 51.0′ E

Substitute Depth 22.5 meters Wks [K26] for 23.5 meters Wks 52° 15.2′ N 3° 41.5′ E

Add Buoy "MSP NW" Y, conical, Fl Y 5s 52° 15.5′ N 3° 48.3′ E
Buoy "MSP SE" Y, can, Fl(3) Y 10s 52° 12.5′ N 3° 51.4′ E
Depth 24 meters Wk [K26] 52° 18.6′ N 3° 45.6′ E
Depth 24 meters Well [L21.2] 52° 18.4′ N 3° 46.7′ E
Depth 25.5 meters Well [L21.2] 52° 24.5′ N 3° 51.6′ E
Depth 26.5 meters Well [L21.2] 52° 19.5′ N 3° 38.5′ E
(29(351), 31(364)12 Den Haag)

37166 3Ed. 7/19/08 LAST NM 33/12 35/12
Delete Buoy "Munitie" 52° 13.0′ N 3° 49.2′ E

Add Depth 24 meters Wk [K26] 52° 18.6′ N 3° 45.6′ E
Depth 25.5 meters Well [L21.2] 52° 24.5′ N 3° 51.6′ E
(29(351), 31(364)12 Den Haag)

37222 14Ed. 10/2/10 LAST NM N20/12 N35/12
Delete Buoy and legend "(2 buoys)" 53° 31.60′ N 6° 43.40′ E
Buoy and legend "(2 buoys)" 53° 28.40′ N 6° 48.50′ E
(29(349)12 Den Haag)

37241 19Ed. 4/4/09 LAST NM N33/12 N35/12
Delete Buoy "Munitie" 52° 12.95′ N 3° 49.17′ E
Foul ground symbol 52° 09.40′ N 3° 51.00′ E

Add Buoy "MSP SE" Y, can, Fl(3) Y 10s
52° 12.45′ N 3° 51.42′ E
(29(351), 31(364)12 Den Haag)

37244 12Ed. 6/25/11 LAST NM N33/12 N35/12
Delete Buoy "S 6" 51° 24.2′ N 3° 05.9′ E
Buoy "Munitie" 52° 13.0′ N 3° 49.2′ E
Foul ground symbol 52° 09.4′ N 3° 51.0′ E

Substitute Depth 22.5 meters Wks [K26] for 23.5 meters Wks 52° 15.2′ N 3° 41.5′ E

Change Designation of buoy "WH Zuid" to "WH S"
51° 22.8′ N 2° 26.3′ E
Designation of buoy "VG7" to "SVG"
51° 24.5′ N 2° 59.9′ E
Designation of buoy "A 2" to "AW" 51° 22.4′ N 3° 07.1′ E

Add Buoy "S6" R, can, QR 51° 24.2′ N 3° 06.2′ E
Buoy "MSP NW" Y, conical, Fl Y 5s 52° 15.5′ N 3° 48.3′ E
Buoy "MSP SE" Y, can, Fl(3) Y 10s 52° 12.5′ N 3° 51.4′ E
(29(351), 31(364)12 Den Haag; 16(237, 239, 242, 243)12 Oostende)

37246 16Ed. 4/14/12 LAST NM N32/12 N35/12
Change Shape of buoy "No 31" to spar 51° 22′ 03″N 3° 55′ 35″E
(29(347)12 Den Haag)

37247 1Ed. 5/5/12 LAST NM N34/12 N35/12
(Plan A)
Add Light QG to buoy "No 25C" 51° 20′ 37.2″N 3° 49′ 24.6″E
(28(332)12 Den Haag)

37248 20Ed. 3/17/12 LAST NM N32/12 N35/12
Delete Buoy "S 6" 51° 24′ 12″N 3° 05′ 56″E

Change Designation of buoy "VG7" to "SVG"
51° 24′ 32″N 2° 59′ 56″E
Designation of buoy "SWW" to "AW2"
51° 21′ 57″N 3° 00′ 57″E
Designation of buoy "WBN" to "AW1"
51° 21′ 30″N 3° 02′ 36″E
Designation of buoy "A 2" to "AW"
51° 22′ 25″N 3° 07′ 03″E
Buoy "Bol van Heist" to "BVH" R, can, Fl R 5s
51° 23′ 09″N 3° 12′ 02″E
Characteristic of buoy "S 10" to QR
51° 24′ 51″N 3° 14′ 59″E

Add Buoy "S6" R, can, QR 51° 24′ 12″N 3° 06′ 12″E
Depth 4.9 meters Wk [K26] 51° 30′ 15″N 3° 26′ 56″E
Depth 4.1 meters Wk [K26] 51° 30′ 09″N 3° 27′ 04″E
(30 (363)12 Den Haag; 16(239-245)12 Oostende)

44180 6Ed. 7/6/91 LAST NM 24/12 35/12
Delete Depth 16 meters 59° 31.4′ N 20° 24.3′ E

Add Depth 4.6 meters enclosed by depth contour (20-meter) 59° 31.4′ N 20° 24.5′ E
(17(168)12 Helsinki)

44280 10Ed. 12/3/11 LAST NM 33/12 35/12
Substitute Depth 11.5 meters for 12.9 meters 65° 11.5′ N 25° 06.1′ E

Add Depth 12.1 meters 65° 08.1′ N 25° 10.7′ E
(25(514)11 Helsinki)

44284 2Ed. 6/29/91 LAST NM 6/11 35/12
Add Depth 12.1 meters 65° 08′ 05″N 25° 10′ 43″E
Depth 11.5 meters 65° 11′ 28″N 25° 06′ 06″E
(25(514)11 Helsinki)

44342 9Ed. 10/16/10 LAST NM N17/12 N35/12
Delete Depth 8.8 meters 60° 10′ 50.1″N 24° 58′ 16.2″E
(10(98)12 Helsinki)

54288 5Ed. 5/11/96 LAST NM 26/09 35/12
(Plan C)
Add Submarine pipeline [L41.1] between
38° 22′ 59″N 22° 38′ 37″E
38° 22′ 54″N 22° 38′ 43″E
(5(92)12 Athens)

54337 4Ed. 4/11/09 LAST NM N26/11 N35/12
Add Anchorage area [N12.1] bound by purple dashed line joining 37° 57′ 26.4″N 23° 21′ 57.6″E
37° 57′ 26.4″N 23° 22′ 57.6″E
37° 56′ 56.4″N 23° 22′ 57.6″E
37° 56′ 56.4″N 23° 21′ 57.6″E
(5(93)12 Athens)

54343 10Ed. 12/9/95 LAST NM 26/11 35/12
Add Anchorage area [N12.1] bound by purple dashed line joining 37° 57′ 26″N 23° 21′ 58″E
37° 57′ 26″N 23° 22′ 58″E
37° 56′ 56″N 23° 22′ 58″E
37° 56′ 56″N 23° 21′ 58″E
(5(93)12 Athens)

54389 8Ed. 5/18/96 LAST NM 27/12 35/12
Delete Danger circle "Obstn (Marine farm)"
38° 11′ 27″N 26° 38′ 46″E
Danger circle "Obstn (Marine farm)"
38° 11′ 44″N 26° 39′ 10″E

Marine farm symbol 38° 10′ 29″N 26° 39′ 05″E
Marine farm symbol 38° 10′ 58″N 26° 38′ 52″E
Marine farm symbol 38° 10′ 40″N 26° 42′ 22″E
Marine farm symbol 38° 08′ 50″N 26° 39′ 00″E
(See 22, 23, 27/12-54389)

Add Rock awash [K12] 37° 43′ 16″N 26° 34′ 13″E

(continued on next page)

54389 (Continued)
Marine farm area [K48.1] bound by dashed line joining 38° 10′ 35″ N 26° 42′ 16″ E
38° 11′ 51″ N 26° 42′ 13″ E
38° 11′ 55″ N 26° 44′ 05″ E
38° 10′ 38″ N 26° 44′ 14″ E

Marine farm area [K48.1] bound by dashed line joining 38° 11′ 12″ N 26° 38′ 40″ E
38° 10′ 26″ N 26° 38′ 46″ E
38° 08′ 51″ N 26° 38′ 23″ E
38° 07′ 34″ N 26° 37′ 26″ E
38° 07′ 36″ N 26° 39′ 29″ E
38° 10′ 28″ N 26° 40′ 30″ E
38° 11′ 40″ N 26° 40′ 29″ E

Legend "MARINE FARMS (see Note)" 38° 11′ 08″ N 26° 43′ 16″ E
Legend "MARINE FARMS (see Note)" 38° 09′ 32″ N 26° 39′ 10″ E

Note from Subsection I-2 38° 16′ 22″ N 27° 00′ 00″ E
(5(95)12 Athens; 29(166)12 Istanbul)

54400 8Ed. 6/2/90 LAST NM 26/12 35/12
Add Dangerous wreck [K28] 37° 19.2′ N 27° 19.8′ E
(29(167)12 Istanbul)

54402 4Ed. 6/29/96 LAST NM 16/12 35/12
(Panel A)
Add Rock awash [K12] 37° 43′ 16″ N 26° 34′ 14″ E
(5(95)12 Athens)

54403 4Ed. 6/14/86 LAST NM 7/12 35/12
Delete Rock awash 37° 38′ 12″ N 26° 53′ 13″ E

Substitute Depth 7¾ fathoms for 5 fathoms 37° 38′ 27″ N 26° 53′ 37″ E

Add Rock awash [K12] 37° 38′ 23″ N 26° 53′ 19″ E
Rock awash [K12] 37° 38′ 32″ N 26° 53′ 33″ E
Dangerous wreck [K28] 37° 19′ 13″ N 27° 19′ 48″ E
(5(94)12 Athens; 29(167)12 Istanbul)

55040 4Ed. 7/31/99 LAST NM 32/12 35/12
Add Submarine cable [L30.1] joining 40° 33.2′ N 26° 57.6′ E
40° 31.9′ N 26° 58.1′ E
40° 26.6′ N 27° 05.4′ E
(28(161)12 Istanbul)

55044 5Ed. 3/23/96 LAST NM 28/12 35/12
Add Buoy (mooring) [Q40] 40° 26′ 31″ N 27° 05′ 15″ E

Submarine cable [L30.1] joining 40° 33′ 02″ N 26° 57′ 38″ E
40° 31′ 56″ N 26° 58′ 07″ E
40° 31′ 23″ N 26° 58′ 38″ E
40° 27′ 10″ N 27° 04′ 37″ E
40° 26′ 31″ N 27° 05′ 14″ E
40° 26′ 21″ N 27° 05′ 22″ E
(28(161)12 Istanbul)

55048 12Ed. 9/9/00 LAST NM 52/11 35/12
(Panel A)
Delete Buoy (mooring) 41° 09′ 38.4″ N 29° 04′ 06.0″ E
(See 20/03-55048)
(28(160)12 Istanbul)

62001 5Ed. 2/1/03 LAST NM 31/12 35/12
(Plan)
Delete Visibility (range) 8M from light 27° 23.9′ N 33° 52.9′ E

Change Characteristic of light to Q(9) 15s 28° 37.2′ N 33° 06.7′ E
(UKHO LL)

62188 4Ed. 7/17/04 LAST NM 53/11 35/12
Add Visibility (range) 8M to beacon 27° 34′ 46″ N 33° 48′ 05″ E
(UKHO LL)

62191 15Ed. 2/1/03 LAST NM 32/12 35/12
Delete Visibility (range) 8M from beacon
27° 34′ 06″ N 33° 50′ 18″ E
Visibility (range) 8M from beacon
27° 25′ 18″ N 33° 52′ 08″ E
Visibility (range) 8M from beacon
27° 24′ 00″ N 33° 53′ 01″ E

Change Platform to Mo(U) 15s Racon (B)
28° 18′ 35″ N 33° 09′ 09″ E
(UKHO LL)

62195 7Ed. 3/22/03 LAST NM 8/11 35/12
Change Characteristic of light to Q(9) 15s
28° 37′ 10″ N 33° 06′ 43″ E
Platform to "SG 300" Mo(U) 15s Racon (B)
28° 18′ 36″ N 33° 09′ 09″ E
(UKHO LL)

62441 10Ed. 7/29/00 LAST NM 25/12 35/12
Add Dangerous wreck [K28] marked by buoy "KORD 1" BRB, pillar, double ball topmark, Fl(2) 6s 29° 52′ 01.2″ N 49° 10′ 27.0″ E
(5/11 Tehran)

62540 6Ed. 1/26/02 LAST NM 30/12 35/12
Add Dangerous wreck [K28] marked by buoy "KORD 1" BRB, pillar, double ball topmark, Fl(2) 6s 29° 52.0′ N 49° 10.5′ E
(5/11 Tehran)

62541 3Ed. 1/26/02 LAST NM N30/12 N35/12
Add Dangerous wreck [K28] marked by buoy "KORD 1" BRB, pillar, double ball topmark, Fl(2) 6s 29° 52.0′ N 49° 10.5′ E
(5/11 Tehran)

62590 3Ed. 9/20/08 LAST NM 22/12 35/12
Add Dangerous wreck [K28] marked by buoy "KORD 1" BRB, pillar, double ball topmark, Fl(2) 6s 29° 52′ 01″ N 49° 10′ 27″ E
(5/11 Tehran)

62591 4Ed. 9/20/08 LAST NM N22/12 N35/12
Add Dangerous wreck [K28] marked by buoy "KORD 1" BRB, pillar, double ball topmark, Fl(2) 6s 29° 52′ 01″ N 49° 10′ 27″ E
(5/11 Tehran)

803658 1Ed. 8/20/11 LAST NM N29/12 N35/12
Delete BELL from buoy "WR2" 30° 17′ 43.4″ N 87° 18′ 44.2″ W
(See N5/12-803658)
(32/12 CG8)

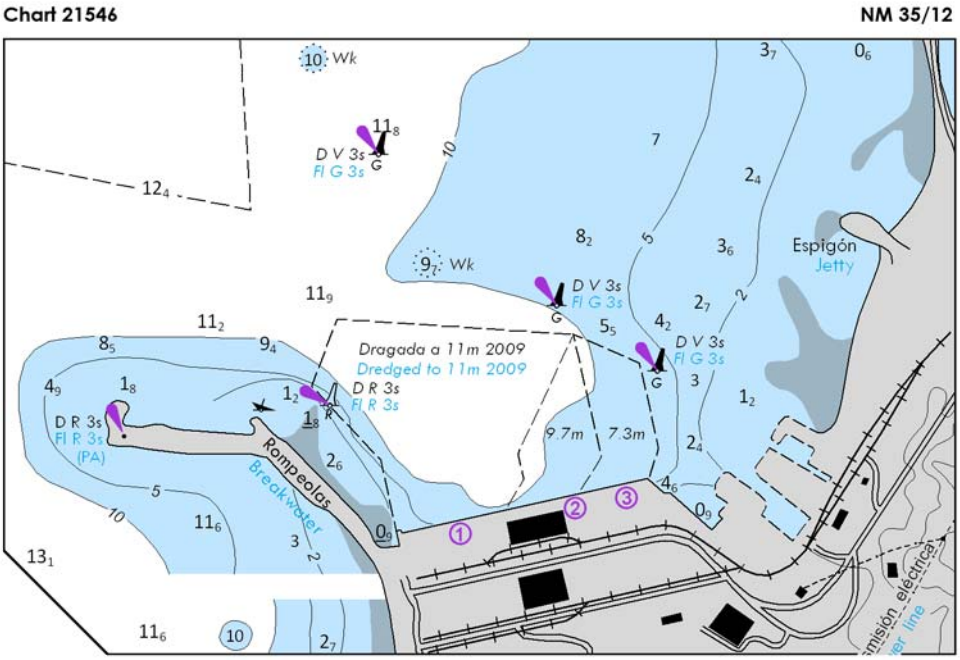


Chart 21546
NM 35/12
Wk
D V 3s
Fl G 3s
Dragada a 11m 2009
Dredged to 11m 2009
D R 3s
Fl R 3s
(PA)
Rompeolas
Breakwater
Espigón
Jetty
9.7m
7.3m

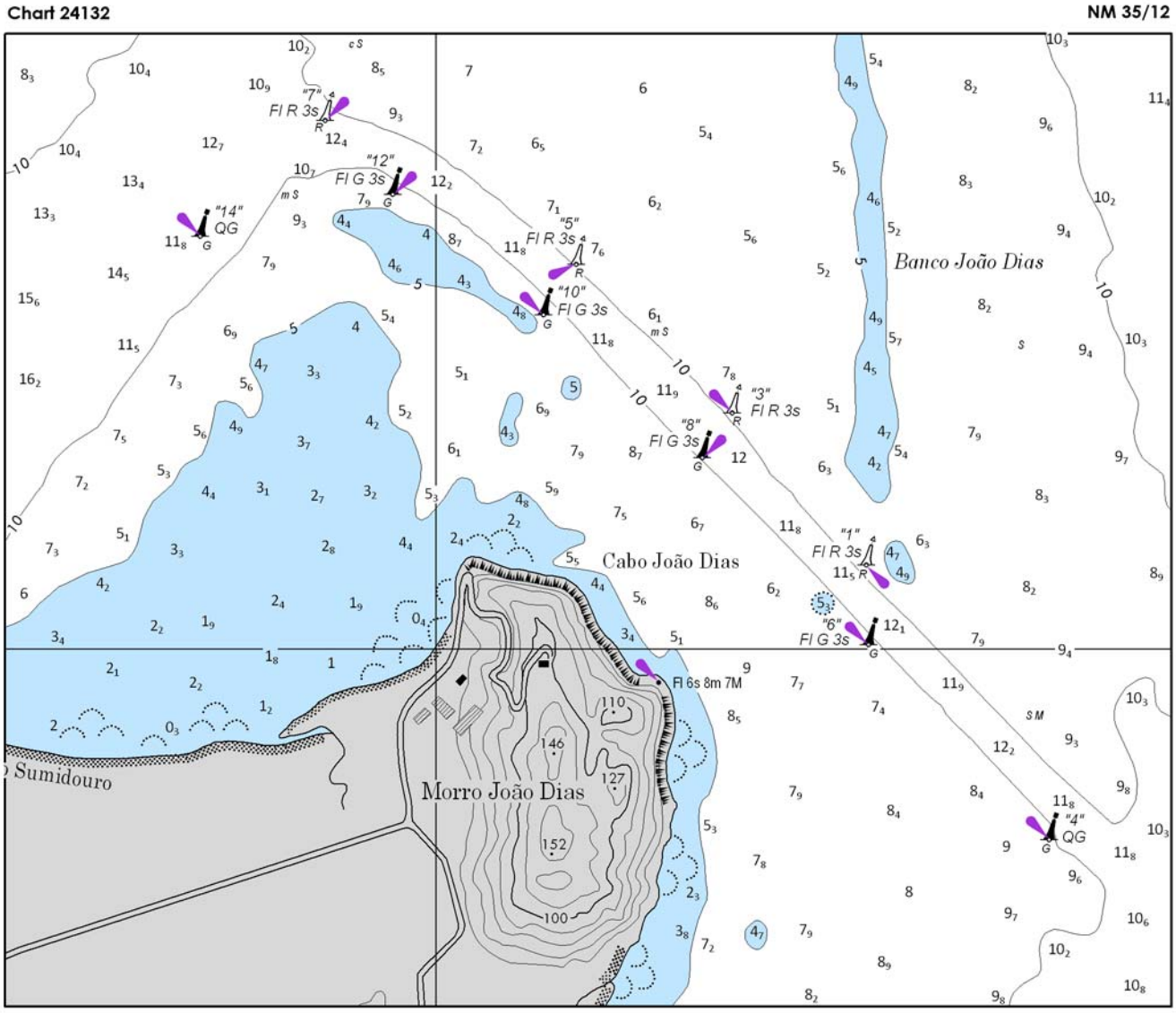


Chart 24132
NM 35/12
"7"
Fl R 3s
"12"
Fl G 3s
"14"
QG
"5"
Fl R 3s
"10"
Fl G 3s
"3"
Fl R 3s
"8"
Fl G 3s
"1"
Fl R 3s
"6"
Fl G 3s
"4"
QG
Fl 6s 8m 7M
Banco João Dias
Cabo João Dias
Morro João Dias
Sumidouro

Chart 24463 (Plan B) (A) NM 35/12

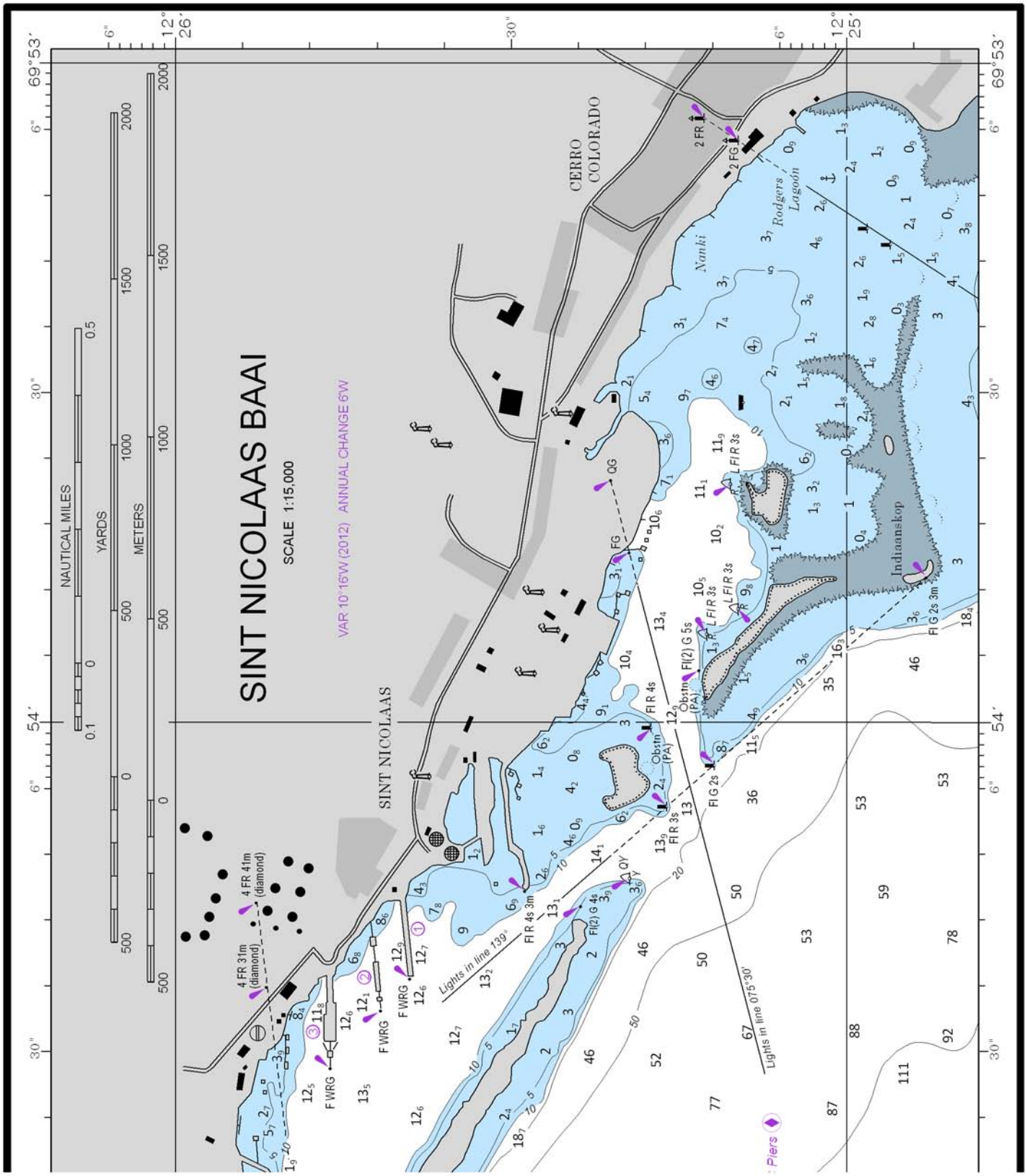


Chart 24463 (Plan B) (B) NM 35/12

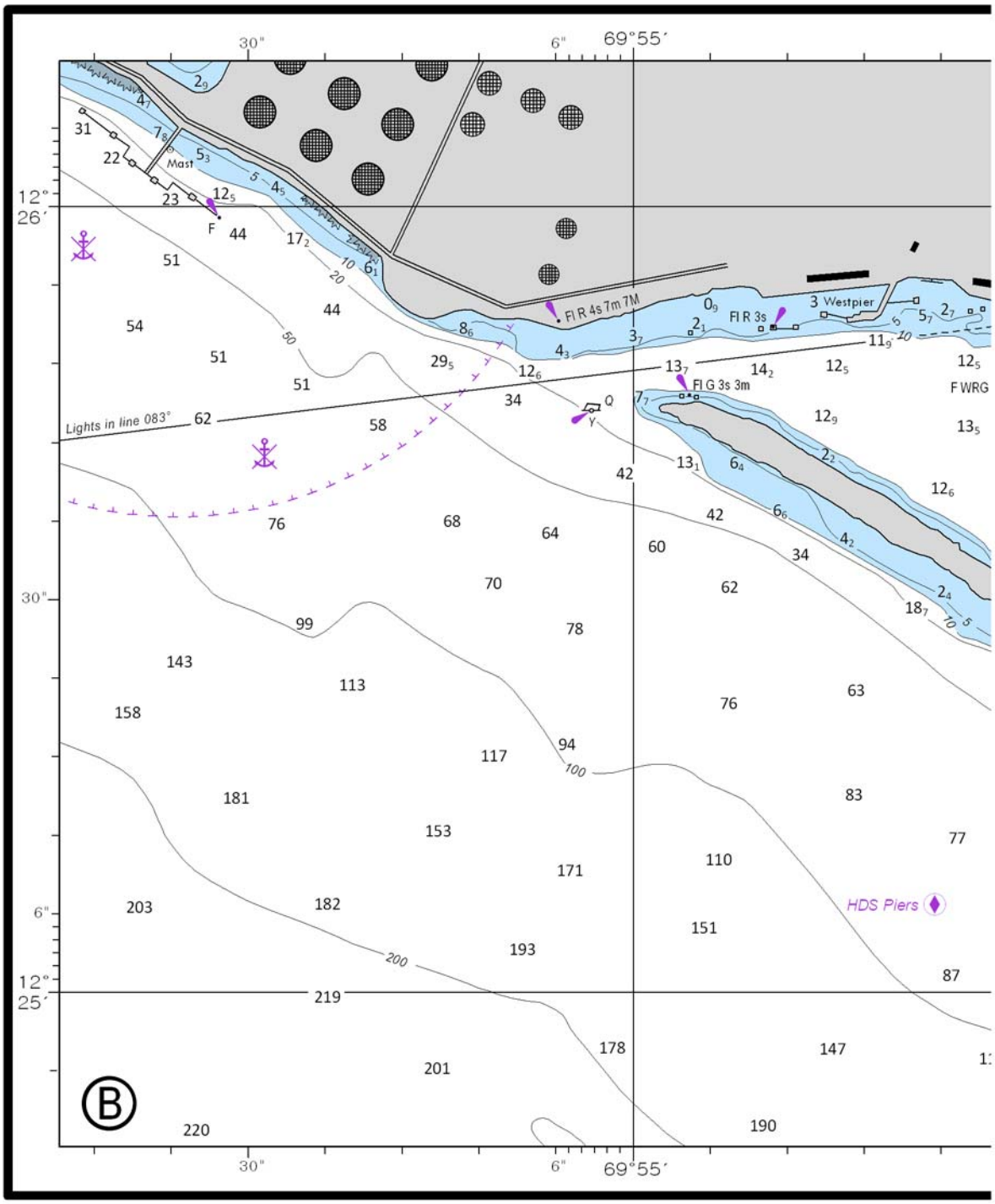


Chart 11339 (Inset) NM 35/12

CALCASIEU PASS AND RIVER

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO MAR 2012

CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOW GULF (MLG)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLG (FEET)
BAR CHANNEL	37.9	40.5	39.2	31.5	5-12	800	26.3	42
JETTY CHANNEL TO (29°46'00.0"N, 93°20'43.0"W)	46.1	46.5	46.3	44.5	8-11;5-12	400	1.3	40
THENCE TO A POINT (29°52'00.0"N, 93°20'43.0"W)	35.4	39.4	39.9	35.3	2-12	400	6.0	40
THENCE TO A POINT (29°58'00.0"N, 93°20'10.0"W)	28.6	37.2	36.4	29.1	2-12	400	6.0	40
THENCE TO A POINT (30°04'00.0"N, 93°19'38.0"W)	34.2	38.7	37.4	28.2	2-12	400	6.0	40
THENCE TO A POINT (30°09'03.0"N, 93°19'57.0"W)	35.2	38.6	39.1	22.3	2-12	400	5.2	40
THENCE TO 210 BRIDGE	36.0	38.8	38.3	29.9	2-12	400	4.4	40
THENCE TO END OF 400 CHANNEL (30°13'08.0"N, 93°15'12.0"W)	35.5	39.7	37.8	33.4	2-12	400	2.1	40

INFORMATION IN THIS TABULATION HAS BEEN PROVIDED TO NOAA BY THE U.S. ARMY CORPS OF ENGINEERS.
DEPTHS ARE REFERENCED TO A REFERENCE DATUM CALLED MEAN LOW GULF. SEE NOTE H.

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

Chart 11344 NM 35/12

CALCASIEU PASS AND RIVER

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO MAY 2012

CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOW GULF (MLG)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLG (FEET)
BAR CHANNEL	37.9	40.5	39.2	31.5	5-12	800	26.3	42
JETTY CHANNEL TO (29°46'00.0"N, 93°20'43.0"W)	46.1	46.5	46.3	44.5	8-11;5-12	400	1.3	40
THENCE TO A POINT (29°52'00.0"N, 93°20'43.0"W)	35.4	39.4	39.9	35.3	2-12	400	6.0	40

INFORMATION IN THIS TABULATION HAS BEEN PROVIDED TO NOAA BY THE U.S. ARMY CORPS OF ENGINEERS.
DEPTHS ARE REFERENCED TO A REFERENCE DATUM CALLED MEAN LOW GULF. SEE NOTE H.

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

Chart 11346 NM 35/12

BELLE PASS AND BAYOU LAFOURCHE CHANNEL

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO JUN 2012

CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)					PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
BELLE PASS REACH	24.3	24.2	24.7	6-12	300	1.6	26.0
PORT FOURCHON REACH	16.7	19.3	21.4	6-12	300-425	3.3	24.0

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

Chart 11347 (Side A) NM 35/12

CALCASIEU PASS AND RIVER

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO MAY 2012

CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOW GULF (MLG)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLG (FEET)
BAR CHANNEL	37.9	40.5	39.2	31.5	5-12	800	26.3	42
JETTY CHANNEL TO (29°46'00.0"N, 93°20'43.0"W)	46.1	46.5	46.3	44.5	8-11;5-12	400	1.3	40
THENCE TO A POINT (29°52'00.0"N, 93°20'43.0"W)	35.4	39.4	39.9	35.3	2-12	400	6.0	40
THENCE TO A POINT (29°58'00.0"N, 93°20'10.0"W)	28.6	37.2	36.4	29.1	2-12	400	6.0	40
THENCE TO A POINT (30°04'00.0"N, 93°19'38.0"W)	34.2	38.7	37.4	28.2	2-12	400	6.0	40
THENCE TO A POINT (30°09'03.0"N, 93°19'57.0"W)	35.2	38.6	39.1	22.3	2-12	400	5.2	40
THENCE TO 210 BRIDGE	36.0	38.8	38.3	29.9	2-12	400	4.4	40
THENCE TO END OF 400 CHANNEL (30°13'08.0"N, 93°15'12.0"W)	35.5	39.7	37.8	33.4	2-12	400	2.1	40

INFORMATION IN THIS TABULATION HAS BEEN PROVIDED TO NOAA BY THE U.S. ARMY CORPS OF ENGINEERS.
DEPTHS ARE REFERENCED TO A REFERENCE DATUM CALLED MEAN LOW GULF. SEE NOTE H.

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

Chart 11347 (Side B, Inset) NM 35/12

CALCASIEU PASS AND RIVER

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO MAY 2012

CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOW GULF (MLG)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLG (FEET)
BAR CHANNEL	37.9	40.5	39.2	31.5	5-12	800	26.3	42
JETTY CHANNEL TO (29°46'00.0"N, 93°20'43.0"W)	46.1	46.5	46.3	44.5	8-11;5-12	400	1.3	40
THENCE TO A POINT (29°52'00.0"N, 93°20'43.0"W)	35.4	39.4	39.9	35.3	2-12	400	6.0	40
THENCE TO A POINT (29°58'00.0"N, 93°20'10.0"W)	28.6	37.2	36.4	29.1	2-12	400	6.0	40
THENCE TO A POINT (30°04'00.0"N, 93°19'38.0"W)	34.2	38.7	37.4	28.2	2-12	400	6.0	40
THENCE TO A POINT (30°09'03.0"N, 93°19'57.0"W)	35.2	38.6	39.1	22.3	2-12	400	5.2	40
THENCE TO 210 BRIDGE	36.0	38.8	38.3	29.9	2-12	400	4.4	40
THENCE TO END OF 400 CHANNEL (30°13'08.0"N, 93°15'12.0"W)	35.5	39.7	37.8	33.4	2-12	400	2.1	40

INFORMATION IN THIS TABULATION HAS BEEN PROVIDED TO NOAA BY THE U.S. ARMY CORPS OF ENGINEERS.
DEPTHS ARE REFERENCED TO A REFERENCE DATUM CALLED MEAN LOW GULF. SEE NOTE H.

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

Chart 14848 (Left Panel) NM 35/12

TRENTON CHANNEL DEPTHS

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO OCT 2011

CONTROLLING DEPTHS FROM SEAWARD IN FEET AT GREAT LAKES LOW WATER DATUM (LWD)					PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH LWD (FEET)
ENTRANCE TO LT BY "16"	21.9	27.1	23.6	10-11	300-720	2.17	27
LT BY "16" TO LT BY "28"	27.7	27.9	24.6	10-11	300-680	2.17	27
LT BY "28" TO 800ft S. OF GROSSE ILE BRIDGE	24.9	26.4	24.5	10-11	300-520	1.31	27
800ft S. OF GROSSE ILE BRIDGE TO LT BY "19"	29.1	28.9	10.7	10-11	300-480	.56	28
LT BY "19" TO END OF TURNING BASIN	27.6	29.0	25.3	10-11	250-800	.38	28
END OF TURNING BASIN TO LT BY "5"	21.8	21.6	20.9	10-11	250-300	1.97	21
LT BY "5" TO END	19.1	20.4	18.8	10-11	140-1000	.51	21

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

Chart 14853 (Page 3) NM 35/12

TRENTON CHANNEL DEPTHS

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO OCT 2011

CONTROLLING DEPTHS FROM SEAWARD IN FEET AT GREAT LAKES LOW WATER DATUM (LWD)					PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH LWD (FEET)
ENTRANCE TO LT BY "16"	21.9	27.1	23.6	10-11	300-720	2.17	27
LT BY "16" TO LT BY "28"	27.7	27.9	24.6	10-11	300-680	2.17	27
LT BY "28" TO 800ft S. OF GROSSE ILE BRIDGE	24.9	26.4	24.5	10-11	300-520	1.31	27
800ft S. OF GROSSE ILE BRIDGE TO LT BY "19"	29.1	28.9	10.7	10-11	300-480	.56	28
LT BY "19" TO END OF TURNING BASIN	27.6	29.0	25.3	10-11	250-800	.38	28
END OF TURNING BASIN TO LT BY "5"	21.8	21.6	20.9	10-11	250-300	1.97	21
LT BY "5" TO END	19.1	20.4	18.8	10-11	140-1000	.51	21

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

Chart 14854 NM 35/12

TRENTON CHANNEL DEPTHS

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO OCT 2011

CONTROLLING DEPTHS FROM SEAWARD IN FEET AT GREAT LAKES LOW WATER DATUM (LWD)					PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH LWD (FEET)
ENTRANCE TO LT BY "16"	21.9	27.1	23.6	10-11	300-720	2.17	27
LT BY "16" TO LT BY "28"	27.7	27.9	24.6	10-11	300-680	2.17	27
LT BY "28" TO 800ft S. OF GROSSE ILE BRIDGE	24.9	26.4	24.5	10-11	300-520	1.31	27
800ft S. OF GROSSE ILE BRIDGE TO LT BY "19"	29.1	28.9	10.7	10-11	300-480	.56	28
LT BY "19" TO END OF TURNING BASIN	27.6	29.0	25.3	10-11	250-800	.38	28
END OF TURNING BASIN TO LT BY "5"	21.8	21.6	20.9	10-11	250-300	1.97	21
LT BY "5" TO END	19.1	20.4	18.8	10-11	140-1000	.51	21

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

Chart 54389 **NM 35/12**

MARINE FARMS

Numerous marine farms exist, charted and uncharted, in the area covered by this chart. Their positions may change frequently and without notice. Marine farms may be marked by lit or unlit buoys or beacons. Mariners are advised to navigate with caution in areas where marine farms may be present.

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 52/11 THROUGH NM 35/12

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.
11	2	8/12
14	4	8/12
20	3	26/12
22	1	26/12
50	7	27/12
52	1	2/12
71	4	11/12
72	4	11/12
101	3	26/12
103	5	8/12
120	6	30/12
124	10	30/12
145	16	27,30/12
200	3	8,20,25,26,32,34/12
201	2	4,26/12
211	5	8,25/12
301	1	4,8,13/12
302	1	13/12
310	20	4/12
400	3	30,35/12
401	5	35/12
402	4	8,30/12
411	53	9,10,14,17,35/12
501	13	52/11;3,7,10,27/12
503	4	8/12
505	2	31/12
506	2	12,14/12
507	2	12/12
510	3	12/12
513	7	26/12
514	7	12/12
520	127	27/12
522	87	12/12
523	8	12/12
524	12	2,12/12
525	3	12,14/12
526	10	2,12,29/12
530	33	7,20,27,34/12
531	24	3,13,35/12
532	17	26/12
602	6	29/12
603	6	2,27/12
604	5	2/12
608	2	13,27/12
622	9	2,29/12
623	9	27,29/12
704	1	11,31/12
705	3	11/12
800	4	12,26/12
1113A		6,34/12
1114A		23,35/12
1115A		8,9,11,13,16,18,20,23,26, 27,29,30,34,35/12
1116A		29*,30,31,32,34,35/12
1117A		52,53/11;8,9,12,16,22,27, 34/12
11004	8	53/11;7,8,9,11,17,18,20, 21,22,26,30,32/12
11006	33	8,18,23,26,27,29,31, 35/12
11009	39	5,26/12
11013	48	14*,35/12
11300	43	52,53/11;8,9,12,16,22,27, 34/12
11301	25	35/12
11302	33	35/12
11304	14	22/12*
11305	2	N3,N22,N26/12
11307	38	34/12
11308	24	3/12
11309	41	22*,26,34/12
11310	2	N22,N26/12
11311	24	22,26/12
11312	5	3,22,26,34/12
11316	42	16,19/12
11317	32	16/12
11318	2	N3,N22,N26/12
11319	33	16/12
11320	1	N34/12
11321	30	6,32/12
11322	33	27/12*
11323	64	23*,26,27,29/12
11324	37	7,9,13,16,22,26,27,29,32, 34/12
11325	39	7,9,13,16,26,29/12
11326	38	8*,11,16,17,18,27,29,34, 35/12
11327	35	9,11,13,16,26,27,29,30, 32/12
11328	26	8,9,11,13,16,17,18,26,27, 29,32/12
11329	38	7,9,13,16,17,18,26,29,34, 35/12
11330	21	52,53/11;6,9,11,16,20,22, 26,30,34,35/12
11331	21	34/12
11332	32	14*,17,19,20,27,35/12
11339	3	2,9,11,14,19,23,27,34, 35/12
11340	76	29*,30,31,32,34,35/12
11341	43	11,12,13,14,17,19,20,26, 34,35/12
11342	54	11,12,13,17,22,23,26,29, 34/12
11343	38	17,22,26,32,34/12
11344	39	14*,19,23,26,27,29,30, 34,35/12
11345	35	22*,30/12
11346	4	29*,30,34,35/12
11347	39	2,9,11,14,19,23,27,34, 35/12
11348	22	2,19,30/12
11349	44	2,11,23,26/12
11350	28	33/12*
11351	43	18*,21,34/12
11352	41	13,14,17,29,30,31,34/12
11353	6	53/11;11,14,19,21,26,30, 35/12
11356	39	32*,34/12
11357	42	31*,34,35/12
11358	56	1,2,3,8,9,11,16,18,21,26, 29,30,31,34/12
11359	14	16,18,21,34/12
11360	44	8,9,11,13,16,18,20,23,26, 27,29,30,34,35/12
11361	76	52,53/11;1,11,13,14,16, 18,34/12
11362	5	N8,N9,N11,N13,N16, N18,N20,N23,N26,N27, N29,N30,N34,N35/12
11363	43	53/11;11,14,19,21,26,30, 35/12
11364	44	10*,14,19,20,26,27,30/12
11365	22	30,31/12
11366	14	3,8,9,11,13,14,16,18,20, 23,26,27,29,30,31,34, 35/12
11367	36	53/11;18,20,22,23,26/12
11368	25	11*,18,20,22,23/12
11370	28	10*,12,16,20,23,26,27, 34,35/12
11371	40	18/12*
11372	34	17,19/12
11373	49	1,3,6,8,9,11,16,17,19,22, 23,26,28/12
11374	36	14*,16,17,22,26,28/12
11375	38	11*,16,17,22,26,28/12
11376	55	53/11;1,13,16,21,22,27, 31,34/12
11377	9	53/11;1,13,16,21,27/12
11378	37	1,3,12,13,16,19,27,28,29, 32,34,35/12
11380	2	53/11;13,21,27/12
11382	41	3,19,23,28,29,34,35/12
11383	52	3,12,19,27,28,32,34, 35/12
11384	36	3,12,19,28,32,34,35/12
11385	27	8/12
11388	18	33/12*
11389	34	23,34/12
11390	24	17/12
11391	24	17/12
11393	21	23,34/12
11400	36	23,35/12
11401	30	23/12
11404	23	35/12
11405	29	35/12
11411	18	18*,19/12
11412	45	27/12*
11415	9	18/12*
11416	11	14*,15,19/12
11420	29	6,34/12
11423	8	N6/12
11424	20	27/12*
11425	38	4,5,11/12
11426	38	17/12
11427	35	17/12
11434	28	5,6,34/12
11435	14	N5,N6,N35/12
11439	26	5,6,17,34/12
11441	41	9,17,18/12
11442	35	7,34/12
11445	31	31/12*
11446	32	9/12
11447	37	9,18/12
11450	11	9/12
11451	35	7,9,18,35/12
11452	22	7/12
11453	17	7/12
11460	42	9/12
11461	5	9/12
11462	26	52/11*;9/12
11463	18	9,18,27/12
11464	17	27/12
11465	39	34/12
11466	39	10,19/12
11467	43	10*,11,19,21,34/12
11469	9	10/12
11470	39	10,19,21/12
11471	1	N10,N19/12
11472	35	11,22,23/12
11473	1	N10/12
11475	19	23/12
11477	6	N23/12
11478	22	23/12
11480	41	3,10,11,13/12
11481	7	23/12
11482	1	N10,N19/12
11485	36	4,9/12
11489	39	52/11;9,12,20,30/12
11490	20	28,30/12
11491	37	9,28,30/12
11492	21	30/12
11494	9	N52/11;N20/12
11496	10	N3,N6,N10,N11,N12, N13/12
11502	33	4,12,13,35/12
11503	44	18*,20/12
11504	18	12,35/12
11505	4	4,10,29,31,34/12
11506	44	10,14,21,28,34/12
11507	34	52/11;3,9,17,20,23,29, 34/12
11509	32	14*,17,18,20,34,35/12
11510	20	52/11;13,34/12
11511	18	18,20,29/12
11512	62	3,4,9,10,13,14,17,18,21, 23,29,31,34,35/12
11513	26	52/11;3,6,12/12
11514	30	4,10,13,14,21,23,29, 34/12
11516	31	52/11;6,9,14/12
11517	18	3,9,12/12
11518	38	31/12*
11520	44	3,5,10,12,15,26,34/12
11521	30	3,12,15,34/12
11522	21	3/12
11523	25	52/11;29,34/12
11524	53	6*,12,14,15,20,29,34/12
11525	7	N5,N10,N26/12
11527	18	2*,29/12
11532	21	53/11;9,10,12,17,21, 35/12
11534	37	16*,17,21,34,35/12
11535	13	14*,34/12
11536	19	7,10,15,26,34/12
11537	38	7,11,33,34/12
11539	19	34/12
11541	39	34/12
11542	17	34/12
11544	40	10/12*
11545	64	11,33/12
11547	38	11,33/12
11554	17	11/12*
11555	41	18*,26/12
12200	50	1,5,10,11,15,24,26,27/12
12201	26	N1,N5,N10,N11,N15, N27/12
12204	37	15,24/12
12205	33	27/12*
12206	33	14,35/12
12207	22	10/12
12208	15	4*,11/12
12210	38	11/12
12211	44	11,34/12
12214	49	1,15,22/12
12216	29	34/12*
12221	81	1,8,10,11,22,24,26,27, 35/12
12222	53	10,11,22,26,34,35/12
12224	25	1,8,11,22,27,35/12
12225	60	4*,25,26,27,33/12
12226	18	26,33/12
12228	33	4,26,27,33/12
12230	65	4,7,11,25,26,27,33/12
12231	29	4,26,27/12
12233	37	25,33/12
12235	33	25,33/12
12237	27	11,33/12
12238	40	1,24/12
12241	22	1,8,24/12
12243	14	11,15/12
12244	14	15/12
12245	67	11,15,33,34,35/12
12248	42	4,10,15,35/12
12251	23	14,24/12
12252	24	10/12
12253	47	22*,34/12
12254	49	4,7,11,26/12
12255	17	4,7/12
12256	17	52/11*;11/12
12263	55	8,26,34/12
12264	30	7,10,11,25/12
12266	30	8,26,34/12
12270	35	34/12
12272	31	10,25,34/12
12273	58	10*,25,26,33/12
12277	35	4/12
12278	77	10,22,25,26,33/12
12280	10	7*,11,25,26,27,33,34, 35/12
12281	54	27*,33,35/12
12282	36	31*,33/12
12283	28	29/12*
12284	16	11,25/12
12285	40	7,25,27,33,34/12
12286	31	33/12
12288	20	34/12
12289	50	7/12
12300	48	14,29,31,33,34/12
12301	22	N14,N29,N31,N33, N34/12
12304	46	15,22/12
12311	46	27/12*
12312	56	27*,34/12
12313	53	11*,26,33,34/12
12314	33	32*,34/12
12316	34	1,15,24,26/12
12317	32	15,24,26/12
12318	45	1/12
12324	35	18*,26,27,30/12
12325	4	31/12
12326	51	1,22,27,29,30,31/12
12327	105	23*,26,30,31,33/12
12331	32	1,10,15/12
12332	23	1,10,15/12
12333	36	52/11;1,9,10,15,17,21,26, 29/12
12334	71	1,9,21,30,33/12
12335	45	18*,30/12
12337	23	15/12
12339	46	12,25/12
12341	28	20/12
12342	23	25/12
12346	11	10/12
12347	31	24/12
12350	60	13,30/12
12352	33	22,30/12
12353	19	3/12*
12354	44	29*,30,31,34/12
12358	21	8,11,25,27,30,31/12
12362	17	25,30/12
12363	41	9,20,25,30,34/12
12364	38	8,9,17,20,23,25,30,31, 34/12
12365	26	9,25/12
12366	29	25,31/12
12367	24	25/12

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 52/11 THROUGH NM 35/12

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.
12368	27	8,23,25,30/12
12369	26	17,20,25/12
12370	21	31/12*
12372	35	1,3,7,10,25,28,31/12
12374	14	25/12
12375	22	25/12
12378	15	14/12*
12401	11	1,26/12
12402	12	32/12*
13000	1	N1,N12/12
13003	50	1,5,7,11,12,14,15,18,26, 29,31/12
13006	35	1,7,12,14,18,23,29,31/12
13009	35	1,7,12,18,23,34/12
13200	37	12,18,34/12
13201	11	N12,N18,N31,N34/12
13203	13	12/12
13205	39	8,9,10,19,25,31/12
13209	26	8,25/12
13211	16	25/12
13212	39	3,25,31/12
13213	42	3,7,10,25,28/12
13214	29	10,25/12
13215	20	8,9,19/12
13218	41	7,8,9,19,24,26,27,33, 34/12
13219	13	6*,9/12
13221	59	18*,23,24,26,29/12
13223	42	14*,19,24,31/12
13224	39	23,26,29/12
13225	34	29/12
13226	7	23,26/12
13229	31	12,15,19,20,27,31,33, 34/12
13230	50	27/12
13233	19	20,31/12
13235	6	15/12
13236	31	23/12*
13237	41	1,12,18,19,20,26,27,31, 33/12
13238	16	20,31/12
13241	17	32/12*
13242	18	6*,15/12
13244	41	3*,12,18,26,27/12
13246	39	12,18,26,31/12
13248	11	26/12
13249	13	26,28/12
13250	9	31/12
13260	40	1,7,12,23/12
13263	8	N1,N7,N12,N23/12
13267	35	26/12
13270	64	26/12
13272	52	23*,26/12
13274	28	7,33/12
13278	27	23,33/12
13279	33	27/12
13281	19	27/12
13282	12	7/12
13283	21	33/12
13286	31	12,33/12
13288	43	7/12
13293	35	5/12
13296	26	10/12*
13302	23	6*,13/12
13305	29	31/12*
13307	10	2/12
13308	13	6*,13/12
13312	22	14/12
13313	20	14/12
13315	12	27/12*
13316	23	27/12
13322	10	31/12*
13324	14	27/12
13325	15	15,17,27,28/12
13326	13	15,17,28/12
13394	3	15,18,20,27/12
13396	5	15,18,20,27/12
14003	6	1,12/12
14007	1	N35/12*
14020	1	N35/12*
14219	1	N35/12*
14252	1	N35/12*
14786	14	22,23/12
14800	10	22,23/12
14802	31	23/12
14803	27	22,23/12
14804	24	23/12
14805	24	23/12
14806	24	23/12
14810	5	23/12
14811	17	23/12
14813	21	22,23/12
14814	25	23/12
14815	23	23/12
14816	24	23/12
14820	21	1,7/12
14822	32	23/12
14823	30	19/12
14824	26	1/12
14826	28	7,16/12
14828	6	1/12
14829	6	7,16/12
14832	34	19/12
14833	26	19/12
14836	27	22/12
14838	4	19/12
14839	37	7/12
14842	15	30/12
14844	32	30/12
14846	14	2/12
14848	58	2,20,26,35/12
14852	46	30,33/12
14853	17	2,20,26,30,33,35/12
14854	14	20,35/12
14860	36	53/11;34/12
14864	27	1,2,16,33,34/12
14865	16	33/12
14867	26	6,20,22,23,27,33/12
14869	26	33,34/12
14880	32	53/11
14881	33	53/11
14882	35	53/11;31/12
14883	43	52/11;2,31,33/12
14884	39	33/12
14901	15	14,15,19,26,35/12
14902	29	7,16,26,33/12
14903	24	22/12
14904	26	20,35/12
14905	31	15,19,20,28/12
14907	27	11/12
14908	18	28,30/12
14909	20	19/12
14910	23	7/12
14911	21	16/12
14913	19	26,35/12
14916	10	7/12
14917	24	16,19,26/12
14918	27	7/12
14922	20	20/12
14924	28	16/12
14926	12	53/11;11,15,19,20,21, 28/12
14927	25	15,19/12
14928	23	11/12
14929	25	53/11;15,21/12
14932	23	16/12
14933	24	28/12
14961	12	21,33/12
14962	20	33/12
14964	21	21,33/12
14965	22	33/12
14972	26	19,28/12
14975	35	28/12
15003	1	N9/12
15300	1	N9/12
15560	1	N20/12
15562		N19/12
15564	1	N13/12
15566	1	N14/12
15568	1	N20/12
15570	1	N20/12
15585	1	N35/12*
15611		N15/12
15710		N12/12
15723		N24/12
15744	1	N7/12
15870	1	N7,N19/12
15880		N19/12
15881		N19/12
15887		N11,N19/12
15888		N11/12
15899	1	N13/12
15900	1	N9,N13/12
15926		N12,N19/12
15945		N12/12
15946		N12/12
15948	1	N12/12
15953		N7,N19/12
16003	17	25/12
16005	10	25/12
16006	35	26/12
16011	37	35/12
16013	30	35/12
16016	21	19/12
16066	7	10/12
16161	1	27/12*
16206	8	31/12
16363	12	35/12
16520	23	26/12
16528	17	14/12
16530	7	14/12
16531	7	29/12
16532	6	29/12
16535	12	28/12
16568	13	31/12
16580	14	2,4/12
16587	2	14/12*
16592	10	15/12
16594	13	2,4/12
16597	9	2/12
16604	11	14/12
16606	11	14/12
16640	25	35/12
16645	20	3*,25,35/12
16646	14	3*,29/12
16647	4	2*,25,35/12
16648	5	35/12
16660	31	27/12*
16662	9	27/12*
16663	9	18*,26,28/12
16665	10	3*,19,26,28/12
16700	32	29/12*
16707	13	22/12
16708	28	23/12
16723	15	35/12
16761	16	29,31/12
17003	4	20/12
17005	10	13,28/12
17007	1	N11,N20/12
17300	31	21/12
17311	2	14/12*
17315	24	21/12
17316	20	21/12
17317	20	25/12
17326	17	2/12*
17328	8	3/12*
17331	8	14/12
17335	8	3/12*
17337	10	18/12*
17338	15	18/12*
17339	13	22/12*
17341	10	22*,31/12
17372	12	6/12*
17385	18	6/12*
17400	17	52/11;8,9/12
17406	7	52/11;8,9/12
17407	15	19/12
17417	1	N20/12
17418	1	N11/12
17419	1	N11/12
17423	14	19/12
17424	9	2/12
17431	11	19/12
17439	1	N11/12
17440	1	N11/12
17442	1	N11,N13/12
17443	12	7,8/12
17450	1	N8/12
17454	1	N11/12
17456	1	N7,N11/12
17460		N8,N11/12
17482	1	N9/12
17483		N9/12
17496	1	N9/12
17500	1	N11,N13,N19,N24, N31/12
17510	1	N13/12
17514	1	N3,N13,N15,N28/12
17523		N13,N20/12
17525	1	N29/12*
18000	8	52/11;10,11,17/12
18002	7	N52/11;N10,N17/12
18003	20	3,5,7,13,20,28,34/12
18005	5	N2,N10,N17/12
18006	4	N7,N17/12
18007	33	3,7,13,20,27,34/12
18008	8	N3,N7,N20,N27,N34/12
18009	3	N2,N10,N16/12
18010	21	2,10,20,27/12
18020	39	10*,17/12
18022	36	52/11;2,10,11,17,20/12
18400	49	22*,28,33/12
18404	2	N13/12
18419	11	9/12
18421	50	5,6,15,17,18,19,22,23, 33/12
18423	38	53/11*;4,5,6,8,10,12,15, 16,17,18,19,22,23,31, 33/12
18424	28	18,22,31/12
18427	23	13,17,18/12
18428	10	18,23/12
18429	10	15,17,18,33/12
18430	9	17,18,19/12
18431	8	6,18/12
18432	6	6,15,18/12
18433	6	18,19/12
18434	7	5,19,22/12
18435	1	N9,N11,N24/12
18436	1	N9/12
18437	1	N9/12
18440	30	2,4,8,10,15,16,18,19, 22/12
18441	47	4,8,9,10,12,15,16,18,19, 22,23,24,25,27/12
18443	17	4,10,16,18,19,22,23/12
18444	17	4,15,18,19,22/12
18445	34	25*,26,27,31/12
18446	18	8,16,18,31/12
18447	29	22,28/12
18448	35	22/12*
18449	19	2,4,8,10,16,18,19,22,24, 25,27/12
18450	18	2,4,8,18,22,24,25,27/12
18451	1	N13,N19/12
18452	17	10,19,22/12
18453	26	10,19,22/12
18454	5	N15/12
18455	2	N15/12
18456	21	22,28/12
18457	10	22/12
18458	17	9,22/12
18459	5	N15/12
18460	13	2,5,18,20,28/12
18461	1	N9,N15,N19/12
18462	1	N10,N31/12
18464	25	12,18,22/12
18465	39	2,8,13,15,20,22,23/12
18466	1	N10,N11,N14/12
18467	2	N13,N19/12
18468	18	23/12
18471	11	8,12,22/12
18473	8	1,8,9,11,16,19,22,27/12
18474	9	2,4,8,10,11,17,18,19,22, 24,25/12
18476	6	9,11,19,22,27/12
18477	5	8,19,27/12
18480	31	2,3,5,13,15,19,22,28/12
18484	12	20,22/12
18485	16	20,22/12
18500	30	15,20/12
18502	87	2,11,15,24/12
18520	27	34/12
18521	74	1,9,10,18,22,26,28,30/12
18523	57	9,26,27,28,30/12
18524	37	9,15,26,27,28,30/12
18525	37	35/12*
18526	59	9,10,13,15,19,26,28,30, 31,34/12
18528	11	10,30,31,34/12
18531	22	9,15,30/12
18532	21	8,15,28,35/12
18556	26	35/12*
18561	13	7*,33,34/12
18580	22	7,20,34/12
18581	19	3,17,18,33/12
18583	40	9,33/12
18584	48	1,20,34/12

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 52/11 THROUGH NM 35/12

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.
18587	71	2,21,31/12
18588	37	1,33/12
18600	15	5/12
18602	13	18*,26/12
18603	17	6/12
18620	24	16*,27/12
18623	12	10/12*
18626	16	10/12*
18640	25	1,9/12
18643	18	25/12
18645	27	23/12*
18649	67	1,4,5,8,9,14,19,24,25,26, 28,34/12
18650	56	4,5,8,14,24,26,28,34/12
18651	44	15,18,19,34/12
18652	36	53/11;1,4,6,8,14,16,18, 19,24,25,26/12
18653	11	4,5,19,24,25,34/12
18654	45	6,11,19,24/12
18656	56	53/11;16,18,25/12
18657	19	25/12
18658	31	16,18,25/12
18659	16	53/11;25/12
18660	3	53/11
18661	30	53/11
18666	1	25/12
18680	31	1,2,9,10,16/12
18685	33	2,11,16/12
18700	22	7,17/12
18720	33	52/11;7,11,17,20,21/12
18721	12	7,17,20,21/12
18723	3	17/12
18724	2	31/12
18725	29	20,31/12
18728	9	23/12
18729	13	23/12
18740	43	52/11;2,11,21,23,30,34, 35/12
18741	19	N52/11;N30/12
18746	38	21,23/12
18749	43	18/12
18751	46	18,31/12
18754	19	33/12*
18755	10	52/11;21/12
18758	7	15/12
18760	7	N52/11;N7,N11,N17, N23,N30/12
18762	16	21/12
18763	11	33/12*
18765	17	21,30,33/12
18766	7	30/12
18768	5	N30/12
18772	48	21,33/12
18773	43	29*,33/12
18774	12	15,21,30,35/12
19002	11	N8/12
19004	39	8/12
19010	20	8/12
19013	19	8/12
19320	17	26/12
19324	22	15,20/12
19327	11	11,26/12
19330	11	11/12
19339	2	N5,N8,N11/12
19340	27	5,8,11,26/12
19342	11	26/12
19347	18	5,26/12
19348	8	26/12
19350	11	26/12
19351	11	5,26/12
19357	24	1,11,26,30/12
19358	21	26/12
19359	12	11,26/12
19360	1	N1/12
19361	9	26/12
19362	14	1,26/12
19366	37	53/11;26/12
19367	39	7,26,30/12
19369	6	7,26,30/12
19379	2	N8/12
19380	15	8,26/12
19381	9	8,26/12
19382	16	26/12
19385	8	26/12
19386	11	26/12
19387	10	N8/12
21005	5	10,14/12
21014	72	2,17,28/12
21017	50	52/11;17,23/12
21020	42	52/11
21021	3	32/12
21023	41	14,17/12
21026	47	7/12
21033	46	3,4,5,8,10,11,17,25/12
21036	7	3,4,5,8,10,11,17,19/12
21120	27	2,17,28/12
21125	13	9/12
21126	2	N2/12
21160	1	25/12
21180	1	2,10/12
21182	35	N9,N28/12
21301	14	31,33/12
21338	5	2,31/12
21401	21	2,9/12
21441	28	N21/12*
21489	2	26/12*
21500	1	19/12
21510	1	7/12
21524	4	17/12
21525	21	34/12*
21544	20	26/12
21546	3	7,26,35/12
21605	7	3/12
22004	38	4,20/12
22008	35	52/11
22040	1	25/12
22050	4	4,5,8,10,17,25/12
22051	19	5,26/12
22052	7	53/11;5,26/12
22055	1	53/11;5,26/12
22080	3	8,21/12
22081	1	12/12
22082	5	12/12
22083	6	12/12
22084	4	11,21/12
22090	2	4,8,20/12
22100	3	8/12
22101	20	8/12
22102	19	4,8,28,30/12
22103	2	4,8,28/12
22109	3	4,8,28,29,30,31/12
22111	4	8,20,31/12
22112	3	8,20,31/12
22113	8	8,31/12
22120	3	9/12
22121	9	9/12
22124	2	9,23/12
22130	2	23/12
22142	2	9,31/12
22143	4	9/12
22160	2	52/11;5,9/12
22170	3	52/11;5,9/12
22172	8	52/11;9,18,23/12
22173	36	52/11;5,9,18/12
22182	7	9/12
22221	20	53/11;33/12
22225	2	3,35/12
22250	2	28/12
22252	19	N3,N28/12
22259	5	35/12
22262	3	31/12
22263	2	25/12
22264	3	25,35/12
22282	17	7/12
22285	1	7/12
22290	4	4,8/12
22293	15	8,20/12
22294	17	N21/12*
22295	2	8,19/12
22305	2	4,7,8/12
22311	19	53/11
22312	3	N17/12*
22313	2	53/11;4,28/12
22314	1	4/12
22335	4	53/11;3,13,25/12
22341	9	3/12
22351	3	N53/11
22352	7	N53/11*
22353	1	N16/12*
22358	1	N10/12*
22360	3	N22/12*
22365	1	N53/11*
22366	1	N16/12*
22371	5	53/11
22399	1	N16/12*
22401	5	N53/11
22408	2	N3/12
22410	32	3/12
22418	2	3,7,29/12
22425	2	3,7,29/12
22430	6	53/11
22433	3	28/12
22434	2	53/11
22436	2	28/12
22461	1	N6/12
22481	35	14,19/12
22492	3	53/11;19/12
22523	4	N3/12*
22547	4	N53/11
23000	5	33/12
23010	4	5,6,10,26,33,34/12
23020	4	10,25,32,33/12
23023	4	10/12
23030	6	25,26,32,33,34,35/12
23101	5	10/12
23102	7	N8,N10,N30/12
23115	3	25/12
23121	7	20,22,34,35/12
23122	8	6,34,35/12
23123	3	32/12
23124	4	N20,N22,N32,N34/12
23125	4	32/12
23126	6	N8,N34,N35/12
23127	4	N6,N20,N34,N35/12
23129	2	N6/12
23131	7	32/12
23141	7	9,22,32,33/12
23142	10	9,20,22,26,33/12
23145	3	9,22,26,32,33,34/12
23150	10	29/12
23151	3	29/12
23152	3	29/12
23153	8	29/12
24000	39	25/12
24008	42	2,10/12
24028	6	23,27/12
24050	11	9,32,35/12
24051	1	24/12
24052	17	N5,N20,N27,N35/12
24053	17	N25,N27/12
24055	6	20,35/12
24057	6	N22*,N24,N25,N26/12
24058	3	N5,N22/12
24060	2	25/12
24080	5	25/12
24132	13	35/12
24133	6	22/12
24141	4	22/12
24155	6	13,31/12
24156	3	1,20,31/12
24159	1	1,13/12
24161	12	N1/12
24170	14	2/12
24191	12	9/12
24202	7	3/12
24223	33	18/12
24230	20	31/12
24233	15	24/12
24240	5	31/12
24252	6	N21/12*
24271	15	N22/12*
24319	1	1/12
24355	2	25/12
24370	1	23/12
24375	2	1,8/12
24376	1	8/12
24380	2	23,27/12
24385	1	27/12
24388	2	23/12
24404	9	14/12
24405	12	N14/12
24423	2	19/12
24430	5	53/11;14,19,23/12
24434	4	14,19/12
24435	5	14,19/12
24441	3	1,19/12
24444	2	23/12
24450	3	14,15/12
24452	7	14/12
24453	5	14/12
24454	5	53/11;14/12
24460	4	15,21/12
24463	6	26,35/12
24464	21	N25/12*
24468	1	17/12
24469	1	17/12
24470	4	15,25/12
24480	1	5,12,17,20,23,29,30/12
24483	2	25,35/12
24490	3	6,12,17,20,23,29/12
24491	3	6,17,23,29/12
24500	1	1,6,7,9,13,17,23,33/12
24501	3	17,24,29,33/12
24502	6	1,7,9,10,13,19,33/12
24503	35	17,23/12
24504	7	14,26,31/12
24507	1	14,26,31/12
24508	4	32/12
24509	3	8,14,26,31/12
24510	3	8,14,26,31,32/12
24511	2	20,30/12
24512	3	5,17,20,30/12
24513	18	17/12
24514	1	17,20/12
25001	7	52/11;21,30/12
25017	6	N20,N23,N24,N30/12
25018	9	20/12
25400	2	14,21,24/12
25480	1	16/12
25483	20	25/12
25484	23	21,24/12
25485	45	23/12
25487	3	N21/12*
25524	43	9,13,25/12
25525	17	13,25/12
25526	2	13/12
25527	31	53/11;5,8,13,21,24/12
25550	2	52/11;17,23,24,25/12
25563	50	23,25/12
25567	16	22/12
25570	3	52/11
25575	4	52/11
25600	47	52/11;23,24/12
25601	34	17/12
25607	4	23,24,31/12
25608	22	30/12
25609	5	7/12
25613	3	52/11;1/12
25640	44	8,20/12
25645	19	3/12*
25649	20	7/12
25650	36	7*,15/12
25664	17	4/12*
25670	44	12/12
25671	19	12/12
25673	16	21/12
25677	21	8,12,20/12
25679	10	12/12
25681	18	7*,8/12
25687	12	20/12
25720	3	26/12
25803	17	26/12
25845	10	6/12*
25848	26	13/12
25849	13	13/12
26001	4	20,29,30/12
26060	1	12/12
26066	12	12/12
26068	12	12/12
26070	2	5/12
26080	1	N3/12
26083	14	3,19,28/12
26100	4	20/12
26127	21	33/12
26128	50	33/12
26130	20	5,17/12
26131	1	N17/12*
26218	2	20/12
26219	5	20/12
26224	32	4/12
26229	11	20/12
26230	13	N20/12
26244	3	24/12
26245	16	22/12
26247	19	24/12
26309	27	9/12
26320	5	9/12
27044	27	31/12

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 52/11 THROUGH NM 35/12

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.
27080	4	6,35/12
27085	66	N31/12
27120	4	10/12
27141	5	22/12
27142	5	22/12
28004	1	9,10,14/12
28006	1	8,19/12
28042	3	19/12
28049	13	5,15,25/12
28050	3	3,13,19/12
28051	2	15,25/12
28110	2	6/12
28120	1	6/12
28130	1	33/12
28135	1	N3*,N33/12
28144	5	12/12
28150	3	12/12
28154	2	12/12
28170	1	30/12
28190	2	9,10/12
28196	4	10/12
28197	4	23/12
28201	8	23/12
28202	22	32/12
28210	2	52/11;14,23/12
28220	2	23/12
28221	18	14/12
28260	30	52/11;9,14,17,23/12
28261	10	52/11
28263	3	52/11
28265	4	N23/12
28281	32	9/12
28282	2	9/12
28300	1	9,14,17/12
28303	1	N23/12
28304	1	N23/12
28310	2	9,17,28/12
28320	6	9,10,18,23/12
28321	36	10,23/12
28323	2	9/12
28330	2	17/12
29101	6	25/12
29105	5	3/12
29106	5	30/12
29107	2	22,28/12
29122	5	27/12
29123	3	8/12*
29124	1	27/12
29128	4	3/12
29742	1	21/12*
35000	26	8,33/12
35002	1	N20/12
35003	2	N1/12*
35004	2	N1/12*
35008	21	2,14,33/12
35015	3	N31/12*
35017	3	N21/12*
35020	1	N52/11
35024	2	N8,N32/12
35037	2	N2/12*
35052	1	N3*,N33/12
35055	2	N5*,N14,N33/12
35072	2	N30/12*
35138	1	N52/11
35140	1	N14/12
36000	1	N10,N13,N32/12
36001		N8/12
36002		N12,N32/12
36005	3	6/12*
36006	1	N53/11;N10,N13,N25, N32/12
36007	1	N53/11;N13,N25,N32/12
36008	1	N13,N32/12
36011	2	N24/12*
36018	2	N13/12*
36025	3	N2/12*
36030	2	N13/12*
36032		N32/12
36033	1	N29/12*
36035	1	N8,N32/12
36036		N32/12
36041	2	N26/12*
36049	1	N8/12
37000	23	33/12
37005	17	52/11;1,9,10,11,15,17,19, 20,22,33/12
37008	3	N5/12*
37010	24	1,9,10,11,15,17,19,20,21, 22,23,26,32/12
37015	2	N1*,N8/12
37025	26	8/12
37027	2	N3/12*
37033	2	8/12
37034	2	8/12
37052	3	N5/12*
37055		N14,N15,N17,N19,N21, N22,N27,N33/12
37057	2	N23/12
37058	2	N10/12
37095	3	12/12
37115	3	N34/12*
37120	3	32,35/12
37127	11	8/12
37129	7	N6,N8,N32,N35/12
37140	34	22/12
37162	13	N1,N2,N8,N13,N15, N17,N19,N22,N23,N26, N33,N35/12
37163	20	N10/12
37164	5	N5,N8,N26/12
37165	3	1,9,11,12,13,15,16,17,19, 20,22,32/12
37166	3	8,11,12,13,14,15,17,19, 21,22,23,26,33,35/12
37200	16	52/11;9,15,17,19/12
37202	3	N52/11
37205	3	15,17/12
37221	14	4,12,13,15,16,27,32/12
37222	14	N8,N12,N20,N35/12
37223	15	21/12*
37224	11	53/11;8,12,22/12
37226	18	N4,N12,N13,N22/12
37228	14	4,13,15/12
37229	15	5,13/12
37231	19	N4*,N13,N16,N22/12
37232	13	N13/12
37234	14	N2,N4,N16/12
37235	11	13/12
37236	9	12,13/12
37238	7	N2,N13,N20,N23, N32/12
37241	19	N2,N8,N12,N13,N15, N17,N20,N23,N33, N35/12
37242	12	N53/11*;N2,N13,N32/12
37244	12	N2,N8,N12,N15,N17, N19,N23,N26,N27,N32, N33,N35/12
37246	16	N29*,N32,N35/12
37247	1	N34*,N35/12
37248	20	N29*,N32,N35/12
37259	3	8/12
37264	3	30/12
37281	15	30/12
37362	6	8/12
37380	2	8/12
37403	23	5,8/12
37420	1	8/12
37445	1	16,17/12
37446	3	N16,N17/12
37461	9	23,29/12
37463	7	N32/12
37464	2	N32/12
37505	2	8/12
38030	1	27/12
38560	5	4/12
38565		N52/11
38580	8	4/12
38582	4	4/12
38583	2	4/12
38589		N4/12
38591		N4/12
38603	2	15,27/12
38607	2	27/12
38610	1	27/12
38670	2	52/11
42036	2	32/12
42046	3	9,15/12
42050	2	32/12
42052	2	9,15,32/12
42141	3	27,28/12
42600	5	17/12
42620	5	17/12
42740	5	13,26/12
42742	3	26/12
42760	5	12,13/12
42765	3	12/12
42768	1	N10,N12,N13/12
43015	12	26/12
43030	24	52,53/11;4,8,12,17,22, 32/12
43040	6	12/12
43100	4	8/12
43102	4	26/12
43104	4	8,26/12
43105	4	8/12
43124	5	9,22/12
43126	4	9/12
43127	5	22/12
43144	4	7,8,9/12
43145	4	9/12
43148	4	8,9/12
43181	3	7/12
43182	4	53/11
43204	4	15/12
43225	4	53/11
43240	4	9/12
43243	4	9/12
43244	4	9/12
43246	5	9,22/12
43260	4	9/12
43261	5	9/12
43262	5	9/12
43264	2	9/12
43280	5	13/12
43281	6	27/12
43283	6	8,26,27/12
43284	4	2,8,15/12
43285	5	7,8/12
43287	2	27/12
43300	5	7,9/12
43302	4	9,13,26/12
43303	4	6,7,9/12
43304	2	9/12
43320	5	52/11
43321	7	N4*,N6,N7,N13/12
43322	6	N7/12
43323	4	52/11;2,7/12
43324	4	22/12
43341	7	11/12
43342	7	7,11/12
43356	2	11,13/12
43360	21	4,22/12
43363	5	11,15/12
43364	6	N11/12
43366	4	11/12
43368	5	11,13/12
43369	6	11/12
43370	7	13/12
43371	13	26/12
43372	5	N26/12
43373	8	26,28/12
43374	1	26/12
43378	2	5,6/12
43382	2	14,26/12
43385	1	22/12
44000	16	20/12
44015	9	53/11;12,14,21,32/12
44030	8	17,20/12
44036	5	4,11,12/12
44037	6	N22/12
44039	1	N11/12
44040	25	4,5,11,12,15,22/12
44041	8	N20*,N22,N28/12
44042	8	N15,N22,N28/12
44043	8	22,28/12
44044	6	11,17/12
44045	6	15,28/12
44046	11	N11/12
44047	22	4/12**
44048	12	N15,N22,N33/12
44049	10	N52/11;N15,N22/12
44050	22	N52/11
44054	1	N21,N22/12
44057	5	22/12
44062	9	N8/12*
44063	9	N20/12*
44065	8	N12/12
44066	11	N16/12
44067	23	9,12/12
44070	7	12/12
44071	4	12,15/12
44072	4	12/12
44073	2	13/12
44075	4	12/12
44076	4	N20/12*
44082	11	12,17,32/12
44083	8	14,17,32/12
44084	1	21,22/12
44100	8	8,12,15,22/12
44120	8	8,12,17,32/12
44122	1	N21,N33/12
44123	1	N21,N27,N28,N33/12
44140	9	53/11;12,14,17,21/12
44160	8	20,22,23,27/12
44161	2	33/12
44165	1	8,24/12
44178	2	8,13,28/12
44180	6	18,24,35/12
44182	5	N27/12
44183	6	20,22,27,28/12
44184	10	N17,N21,N28/12
44185	8	N21/12
44186	2	26,27/12
44187	2	24/12
44200	9	21,23,24/12
44203	1	24/12
44204	1	23/12
44205	2	27/12
44224	1	21/12
44240	8	17,20,24/12
44260	7	20,26/12
44280	10	21*,24,26,33,35/12
44281	2	28/12
44282	1	24/12
44284	2	35/12
44285	1	24/12
44320	4	6,9,14,18,20/12
44340	12	9,13,14,17/12
44341	7	32/12
44342	9	N17,N35/12
44352	3	N13,N14,N17/12
44353	1	N6,N13,N27/12
44360	10	9,12,18/12
44361	7	N6,N9,N18,N22,N28/12
44362	1	N14/12
44365	1	6/12
44366	1	13/12
44367	2	32/12
44400	5	53/11;6,9,14,17/12
44401	9	N5*,N6,N13,N24, N28/12
44410	5	9,17/12
44420	7	14,23,25/12
44430	3	53/11;5,14,17/12
44443	1	N6/12
44444	8	N34/12*
44445	1	N25/12
44446	1	N5/12
44461	10	53/11;1,12,14,17,32/12
44462	5	N4,N14,N28/12
44463	10	N2,N4,N5,N12,N14, N17,N32/12
44465	3	N53/11;N2,N4,N5,N12, N14,N17,N32/12
44481	2	12,14,17/12
51007	22	8/12
51013	4	16/12
51082	7	3/12
51100	7	8,27/12
51103	10	32/12
51104	1	32/12
51120	6	8/12
51142	2	8,25/12
51143	5	N8,N25/12
51144	4	N8/12
51145	2	8/12
51150	1	8,25/12
51160	21	16/12
51163	4	6/12
51164	18	16/12
51165	9	N16/12
51166	4	N8,N12,N16/12
51167	7	N8,N16/12
51168	2	6,16/12
51260	4	52/11
51344	2	11/12
51346	1	N11/12

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 52/11 THROUGH NM 35/12

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.
51473	1	N6/12*
52031	1	8,13/12
52037	1	N16/12*
52039	4	9/12
52043	22	N31/12*
52045	7	N34/12*
52047	11	16/12
52060	16	8,11/12
52061	2	5,11/12
52080	14	8,11,13/12
52082	3	11,13/12
52084	2	11/12
52085	3	6/12
52086	2	6,8/12
52088	3	8,11/12
52140	6	13/12
52144	6	N19/12
52145	1	N19/12
52160	7	26/12
52167	1	N17,N26/12
52180	14	3,4,7,8,13/12
52183	9	4/12
52184	3	3,4,17/12
52186	3	7,8/12
52200	8	4/12
52220	7	16,21/12
52223	4	16,21/12
52243	11	9/12
52282	10	22/12
53011	2	4,13,21,24,25,28,30/12
53031	1	52/11;23,24,28,31/12
53062	14	N53/11*
53082	15	N34/12*
53088	8	16,24/12
53090	1	19,25/12
53100	17	13,23,24,25,28,31/12
53101	8	N13,N16,N24,N25, N31/12
53104	3	N13,N31/12
53105	21	N25/12
53106	7	25/12
53108	3	28/12
53110	1	5,24/12
53120	14	5,9/12
53122	4	N22/12*
53123	4	N21/12*
53130	1	52/11
53133	4	19/12
53135	2	52/11
53141	6	N25,N28,N30/12
53147	4	N24/12*
53160	14	25,28,30/12
53161	8	24,25,30/12
53162	7	53/11;25/12
53164	10	N21*,N25/12
53166	1	24,30/12
53180	10	13,23,24,25/12
53183	14	N16/12*
53184	5	13,29,30/12
53200	7	8,9,13/12
53201	7	N34/12*
53203	11	5,15,24,27/12
53205	3	5,15,24/12
53206	7	N5,N15/12
53207	1	N24,N25/12
53220	7	8,9/12
53226	3	8/12
53279	4	52/11;7/12
53284	4	52/11
53285	4	52/11;7/12
53287	6	52/11;7/12
54040	3	12/12
54041	7	12,21,29/12
54043	2	29/12
54060	5	19/12
54061	12	N19/12
54063	3	24/12
54067	1	N21/12*
54082	13	N29/12
54083	4	29/12
54085	2	21/12
54090	3	12,29,30/12
54095	3	30/12
54105	3	17,29/12
54115	3	11,29,30,31/12
54120	5	17,29/12
54125	4	53/11;12,16,30,31/12
54131	2	12,13,25,28,29,30/12
54140	8	30,31/12
54151	1	3,6,17,23,31,32/12
54161	13	N53/11;N30/12
54166	3	30/12
54168	1	16,31/12
54169	3	16,31/12
54180	7	11/12
54195	3	52/11;11/12
54200	4	11/12
54223	2	19/12
54224	3	19/12
54279	4	12/12
54280	11	3,4,6,12,23,25/12
54286	4	4/12
54287	7	3/12
54288	5	35/12
54300	12	4/12
54301	4	4/12
54318	3	7/12
54320	4	16,23,32/12
54321	3	N23/12
54322	8	16,17,21/12
54324	9	7/12
54327	4	23/12
54333	3	21,34/12
54335	3	20,32/12
54337	4	N35/12
54340	8	3,20,23,32/12
54341	4	3/12
54343	10	35/12
54344	6	3,32/12
54346	9	6/12
54350	4	23/12
54351	7	34/12
54352	3	21/12
54359	2	4,22/12
54360	12	7,32/12
54361	10	4,6,22/12
54363	3	3,7,32/12
54365	6	3,16,21/12
54369	4	7,32/12
54380	6	7,8,20,32/12
54382	9	5,8,9,20,25,27/12
54386	10	4,9,23,27/12
54387	7	25,26/12
54389	8	5,22,23,27,35/12
54400	8	52/11;16,21,26,35/12
54402	4	16,35/12
54403	4	7,35/12
54407	4	52/11;9,26,34/12
54418	4	52/11;34/12
54419	2	34/12
54421	6	7,11,24,27,28/12
54422	4	11/12
54423	5	14,26,30/12
54424	1	27,28/12
54430	1	11,17,24,26,27/12
54440	4	9,12,17,26,28/12
54441	6	5,9/12
54462	5	6,13,17/12
54463	5	17/12
54464	5	6,17,22,28/12
54480	8	8,9,12,13,31/12
54481	9	8,11,13,17,22,27/12
55001	4	12,13,21,22,26,27/12
55040	4	5,7,22,24,25,26,27,32, 35/12
55041	7	6,7,16,22,30,32/12
55042	1	21,25,27/12
55043	2	2,26/12
55044	5	7,22,25,26,28,35/12
55045	2	7,21,25,26,28/12
55046	4	52/11;4,5,7,9,12,21,27, 28/12
55047	8	52/11;8,21/12
55048	12	52/11;35/12
55049	6	7,9/12
55064	3	14/12
55082	9	10/12
55084	7	22,26,27/12
55085	9	13,14,15,20,21,22,26, 27/12
55100	8	9,12,14,21/12
55101	5	6,14/12
55102	4	9,14/12
55103	3	N13,N17/12
55104	2	9,17/12
55105	7	13,22,26,27,28/12
55110	2	5,6,7,12,14/12
55128	3	N10,N12,N17,N25, N26/12
55129	7	12,25,26,27/12
55130	2	15,21,22/12
55131	1	6/12
55140	2	9,10,21/12
55150	2	5,28,34/12
55160	2	9/12
55161	2	N9/12
55170	2	17,18,22,24,27,32/12
55175	1	28/12
55180	2	26,27,32/12
55190	2	6,13,18,21,26,27/12
55200	2	12,13,17,20,22,26,27, 32/12
55205	1	9,12,13,17,20,22,26, 27/12
56011	1	13/12
56031	1	8,11,17,26/12
56042	6	12/12
56043	6	8,12/12
56044	3	8,12,34/12
56045	1	8,34/12
56048	3	N25/12*
56060	9	53/11;8,12/12
56064	6	31/12
56065	3	53/11
56100	14	53/11
56101	7	53/11
56103	8	N33/12*
56120	13	53/11;31/12
56160	6	53/11
56190	3	13/12
56200	6	13/12
56222	8	N16/12*
57022	8	14/12
57280	3	14/12
57282	3	14/12
57380	4	17/12
57381	13	N17/12
57420	4	17/12
57440	4	17/12
57460	5	17/12
61000	20	17/12
61040	7	17/12
61051	9	N17/12
61060	7	N34/12*
61242	2	21/12*
61601	3	N1/12*
62000	20	4,24/12
62001	5	4,9,11,24,28,31,35/12
62024	13	29/12
62028	15	34/12
62032	16	8,11,12,14,15,18,19,21, 22,26,30/12
62033	3	N8,N11,N12,N14,N15, N18,N19,N21,N22,N26, N30/12
62090	7	4,24,30/12
62092	7	30/12
62093	9	N33/12*
62095	5	N29/12*
62100	7	4,24/12
62110	10	24,28/12
62140	1	25,30/12
62162	2	31/12
62170	2	20/12
62171	4	20/12
62172	3	20/12
62188	4	53/11;35/12
62191	15	32,35/12
62194	8	20/12
62195	7	35/12
62230	3	9,31/12
62241	10	4/12
62242	11	30/12
62250	6	17*,20,24,25/12
62271	5	31/12
62285	3	24/12
62290	4	4,11,24,28,31/12
62295	4	24,28/12
62302	3	24/12
62330	2	29/12
62340	3	29/12
62360	5	30/12
62361	2	N30/12
62366	4	30/12
62377	2	34/12
62388	3	N27/12
62389	1	N27/12
62392	8	21*,28/12
62393	7	8,18,25,27/12
62394	10	8,25,27/12
62395	3	18,27/12
62400	17	10,24,33/12
62401	9	10/12
62403	5	33/12
62404	3	30/12
62407	5	10/12
62408	7	10,33/12
62409	6	33/12
62411	1	33/12
62412	13	8/12
62417	4	N32/12*
62418	8	11/12
62420	5	19/12
62428	9	18/12
62434	11	11,15,22,25/12
62437	12	26/12
62440	8	5,10,14,26,30,33/12
62441	10	25,35/12
62442	6	25/12
62449	4	10/12
62452	4	22/12
62453	6	N8/12
62455	7	19/12
62458	1	28/12
62459	2	5,10,14,26,30/12
62460	5	11*,29/12
62480	2	8,10,11,14,15,18,25,26, 29,30,33/12
62481	4	18/12
62490	2	11,12,14,21,22,26,30, 33/12
62510	3	8,15,18,24,25,27,29,30, 33/12
62512	3	N8,N15,N18,N24,N25, N27,N29,N30,N33/12
62520	6	5,10,14,15,18,21,29, 33/12
62521	4	N5,N10,N14,N15,N18, N21,N29,N33/12
62530	6	11,14,19,21,22,26,33/12
62531	4	N11,N14,N19,N21,N22, N26,N33/12
62540	6	3,11,12,18,22,26,30, 35/12
62541	3	N3,N11,N12,N18,N22, N26,N30,N35/12
62550	3	14,33/12
62560	4	21,22/12
62570	4	3,11,15,22,25/12
62590	3	11,14,15,22,35/12
62591	4	N11,N14,N15,N22, N35/12
62592	1	11,18/12
62594	1	15/12
62595	1	15/12
63000	13	5,23,24,26/12
63005	18	5,23,25/12
63010	14	25/12
63020	15	6/12
63050	3	22*,26/12
63053	5	26,28,29/12
63054	3	26/12
63055	3	26/12
63060	8	22*,24,26/12
63062	8	9,14,24,34/12
63063	9	9/12
63065	6	14,30,34/12
63070	4	9,24,26/12
63080	6	53/11;24/12
63090	9	53/11;14,23/12
63091	4	53/11;24,34/12
63092	4	24/12
63100	3	21*,24,30,34/12
63101	17	N14,N23/12
63102	21	N16,N23/12
63103	19	N16,N23/12
63112	1	N53/11
63113	1	N53/11

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 52/11 THROUGH NM 35/12

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.
63120	2	25/12
63121	6	25/12
63160	2	N26/12*
63170	4	N22/12*
63180	4	N20/12*
63190	3	N20/12*
63200	5	25,34/12
63205	3	N25,N34/12
63210	4	25/12
63220	5	25/12
63271	9	N53/11;N30/12
63280	3	53/11
63290	7	53/11;15/12
63291	9	2,7/12
63310	5	2/12
63320	8	2/12
63321	6	53/11
63324	2	2,25/12
63330	9	8/12
63337	16	8/12
63340	1	6/12
63351	4	6/12
63410	6	15/12
63417	3	N15/12
63420	2	15/12
71005	1	17/12
71018	10	52/11;9,33/12
71027	9	4,6,30/12
71033	31	52/11;33/12
71036	8	33/12
71043	3	21/12
71066	2	9/12
71180	29	52/11;9,33/12
71182	2	52/11;9/12
71185	24	6/12
71186	2	6/12
71220	3	4/12
71241	11	N7,N19/12
71243	6	9/12
71247	19	52/11;4,5,7,8/12
71248	3	N52/11;N5,N7,N17/12
71251	13	N52/11;N5,N7/12
71252	3	N52/11*;N4,N5,N7, N19/12
71253	11	52/11;4,5,7,17,19,30/12
71254	2	N52/11;N7,N8,N19/12
71255	7	N4,N7/12
71256	2	N52/11;N5,N17/12
71261	9	6,22/12
71262	7	22/12
71265	4	52/11;5,7,9,17,19/12
71271	12	N6*,N17,N22/12
71272	12	N4/12*
71273	5	N17/12
71275	4	17,22/12
71285	4	9,17,22/12
71315	2	5/12
71325	8	22/12
71326	1	N22/12*
71410	1	33/12
71420	1	33/12
71440	2	6,17/12
71450	1	6/12
71460	1	6/12
72007	10	52/11
72028	7	52/11
72035	8	52/11
72045	2	52/11
72060	8	6/12
72070	4	9/12
72173	2	52/11
72211	6	52/11
73000	9	52/11
73002	4	4/12
73004	4	4,27/12
73006	2	6/12
73010	3	4/12
73012	6	52/11;4/12
73014	10	52/11
73016	4	52/11
73020	9	52/11;6/12
73072	4	4/12
73082	1	27/12
73291		4/12
73341	8	52/11
73570	7	2/12
73580	4	2/12
73631	4	2/12
73640	5	2/12
73650	5	2/12
74002	2	29/12
74003	5	29/12
74005	2	2/12
74007	1	2/12
74012	10	27/12
74015	10	27/12
74031	1	N27/12
74143	1	N10/12
74189	1	N27/12
74237	3	N10/12
74245	1	N10/12
74262	1	N27/12
74263	1	N10/12
74265	2	10/12
74345	1	N10/12
74460	4	27/12
75111	1	N27/12
75147	1	N27/12
75193	6	53/11
76030	9	10/12
76050	8	8/12
76052	8	8/12
76056	3	10/12
76071	9	8/12
76083	3	8/12
76150	6	10/12
81004	5	12,30/12
81012	3	22/12
81025	3	N12/12
81048	10	30/12
81059	1	N12/12
81060	2	12,30/12
81063	6	21,30/12
81067	9	30/12
81715	5	17/12
82005	5	2/12
91004	3	34/12*
91005	6	53/11;5,10,11,13,22,26, 30,31/12
91008	1	4,5,9,11,18,22,26,31/12
91010	6	4,5,9,11,22,26,31/12
91020	5	3,8,10,11/12
91030	3	10,11,13/12
91040	1	22/12
91060	1	10,13/12
91080	4	10,11/12
91081	1	11/12
91100	3	4/12
91120	3	14/12
91140	5	16/12*
91160	4	5*,9,10/12
91175	3	14/12
91240	5	8/12
91280	8	N29/12*
91286	11	N17*,N22/12
91289	19	8/12
91294	9	N27/12*
91297	10	N2,N4,N8/12
91300	3	3,8/12
91309	4	3/12
91323	2	N34/12*
91331	3	3,10/12
91340	3	3,10/12
91360	2	10/12
91380	2	10/12
91400	3	N17*,N22/12
92006	5	52/11;31/12
92025	3	53/11;10,11,12,26/12
92030	4	53/11;3,5,10,11,12,26/12
92033	5	14,31/12
92090	2	10/12
92150	3	14/12
92153	3	14/12
92170	3	11/12
92214	5	N20/12*
92230	4	N34/12*
92240	4	N33/12*
92242	2	6/12
92280	3	N33/12*
92290	2	11/12
92302	2	22/12
92310	4	12/12
92320	4	53/11;5,7/12
92330	3	22/12
92370	2	14/12
92380	3	53/11;7,10/12
92383	8	N8/12*
92385	5	N21/12*
92390	3	10,26/12
92410	4	10,26/12
92430	1	3,11/12
92470	3	3,11/12
92476	3	N33/12*
93006	3	5,11,22,23,30,31/12
93020	2	31/12
93030	7	9,30,31/12
93032	4	30/12
93036	11	31/12
93042	2	53/11
93044	2	53/11;31/12
93045	2	6,13,30,31/12
93046	1	31/12
93047	2	53/11;30/12
93049	1	53/11;30/12
93180	8	N5/12
93220	7	4/12*
93240	12	13/12*
93244	8	3,26/12
93245	7	N29/12*
93247	5	5/12
93260	9	6*,8/12
93440	4	15/12
93446	7	15/12
93520	13	31/12
93610	3	5/12
93620	4	15/12
93626	9	15/12
93650	2	30/12
93680	3	5/12
93720	11	12,23,27,30/12
93721	6	N53/11;N10,N12,N17, N20,N22,N27,N28, N32/12
93725	6	14/12
93726	5	3/12
93730	4	12,20,23,30,34/12
93733	14	N12,N20,N22,N23,N27, N32,N34/12
93734	13	N12,N22,N24,N27, N34/12
93736	25	N17/12
93778	8	3/12
94004	7	52/11*;5,9,18,21,22, 26/12
94016	3	21,30/12
94040	14	5,14,22,23,31/12
94042	9	14,23,30/12
94060	12	5,18,23,31/12
94061	6	13,22/12
94063	5	5/12
94067	11	23,31/12
94080	8	9,22,26/12
94083	12	13/12
94084	1	13/12
94120	7	21/12
94122	8	N9,N21/12
94123	10	N6*,N21/12
94124	15	N21,N30/12
94127	3	N53/11*
94160	9	3/12
94165	4	7/12
94180	10	3,18/12
94188	2	18/12
94203	10	4,8,22/12
94206	3	8,22/12
94207	5	N22/12
94260	6	22/12
94280	6	N22/12
94281	7	N16,N31/12
94360	6	30/12
94361	14	N33/12*
94363	4	3,8/12
94364	1	N8/12*
94420	4	21/12*
95040	9	20/12
95060	14	20/12
95065	7	N19/12
95066	13	N20,N22/12
95067	16	N19/12
95080	14	53/11;22/12
95083	9	N13/12*
95084	8	N21/12*
95086	6	N17/12*
95100	13	20,22/12
95101	9	N17*,N20/12
95103	9	N6*,N20/12
95120	9	6/12
95136	1	N21/12*
95138	9	N17/12
95140	16	53/11
95141	9	N1*,N19/12
95142	10	N26/12*
95143	12	N17,N20/12
95144	10	13,20/12
95146	16	13,20/12
95149	10	20/12
95151	18	20,22/12
95152	6	20/12
95153	3	20/12
95160	14	53/11;1,20/12
95161	18	N13/12
95162	3	N1/12*
95163	3	N22/12*
95164	5	N22/12*
95167	12	N20/12*
95169	3	N19,N22/12
95174	2	N27/12*
95177	2	N2/12
95180	13	N1/12
95261	7	9/12**
95263	1	N9/12*
95264	9	N5/12**
95266	1	N5/12*
95273	2	5/12**
95279	1	N5/12*
95284	1	N53/11
95285	3	29/12**
95289	1	N29/12*
95320	15	22/12
96000	5	25/12
96016	7	20/12
96020	4	22/12
96028	5	25/12
96039	7	1,17,20,26,28/12
96041	11	1,16,17,20,22/12
96042	11	1,22,27/12
96043	8	1,16,17,21/12
96044	10	9/12
96060	7	18/12
96200	5	17/12
96320	4	20/12
96480	3	25/12
96621	5	52/11
96763	7	21/12
96764	3	22/12
96900	4	17,22/12
96901	3	22/12
96906	2	22/12
96937	2	17/12
96938	4	17/12
96941	8	21/12
96960	3	17/12
97022	1	N5*,N30/12
97046	2	N12*,N21/12
97082	6	N9/12**
97083	4	N9/12**
97084	1	N9/12*
97085	1	N9/12*
97090	1	N21/12*
97093	1	N26/12*
97108	4	53/11
97135	1	N33/12
97154	2	52/11**
97157	2	53/11
97171	1	N52/11*
97181	20	22/12
97182	14	N21/12**
97197	1	N29/12*
97211	1	N3/12*
97214	1	N29/12*
97215	1	N20/12*
97220	4	29/12**
97226	7	3/12**
97229	12	29/12**
97230	18	20/12**
97237	6	6/12**
97239	10	8/12
97243	9	N22/12

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 52/11 THROUGH NM 35/12

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.
97256	1	N6/12*
97266	6	N22/12
97270	7	N53/11
97277	12	22/12
97281	3	22/12
97303	3	6/12**
97319	2	N14/12*
97321	2	N13/12*
97324	1	N6/12*
97337	1	N3/12*
97358	1	N6/12*
97370	1	N6/12
97371	1	N13/12*
97380	7	53/11;6/12
97383	16	3/12**
97390	6	N6/12
97392	5	6/12
97396	14	53/11;6/12
97398	4	6/12
97410	9	6/12**
97412	7	53/11
97420	17	53/11;6/12
97425	7	N53/11
97461	9	6/12
97466	3	N13/12**
97472	8	6/12
97480	9	52/11*;21/12
97521	6	4/12
97563	2	4/12**
97568	1	N4/12*
97965	1	N53/11
800273	2	N27/12
800744	1	N53/11;N11,N30/12
801217	1	N6/12
801953	1	N20/12
802202	8	N25/12
803222	1	N20,N22/12
803333	1	N10/12
803427	1	N5*,N17,N20,N22/12
803438	1	N34/12*
803451	1	N20,N22/12
803455	1	N20/12*
803461	1	N13,N22/12
803464	1	N20/12
803468	1	N31/12*
803479	1	N5/12*
803485	1	N3/12*
803496	1	N20,N22/12
803658	1	N5*,N13,N19,N27,N29, N35/12
803738	1	N20/12
804059	2	N8/12
804567	4	N20/12
805647	2	N27/12
806902	1	N2,N20/12
806921	1	N20/12
806939	1	N22/12
806943	1	N20/12
806946	1	N53/11
806967	1	N1,N2,N20/12
807448	2	N27/12
808528	1	N8,N27/12
808568	1	N31/12**
809055	7	N20/12**
809121	1	N20,N22/12

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 1					
14XHA14007 (7642015019383)	Can. 4022, Cabot Strait and Approaches 46 00 03N 61 53 22W 49 10 01N 58 22 27W	350,000	1	1/03	CHS	35/12
14XHA14020 (7642015176718)	Can. 4396, Annapolis Basin 44 36 00N 65 49 58W 44 45 30N 65 30 00W	24,000	1	7/04	CHS	35/12
	Insets: Digby Ferry Terminal 44 39 28N 65 45 31W 44 39 46N 65 45 06W	5,000				
	Digby 44 37 25N 65 45 40W 44 38 08N 65 44 50W	6,000				
14XHA14219 (7642015019406)	Can. 1234, Cap de La Tete au Chien to Cap aux Oies 47 26 00N 70 29 58W 47 58 30N 69 19 58W	80,000	1	11/11	CHS	35/12
	Insets: Cap-a-L'Aigle	5,000				
	Port de Pointe-au-Pic	5,000				
	Saint-Simeon	5,000				
	Pointe de La Riviere du Loup	5,000				
14XHA14252 (7642015019415)	Can. 4025, Cap Whittle to Havre-Saint-Pierre and Ile d'Anticosti	300,000	1	3/06	CHS	35/12
15XCO15585 (7642014010796)	Can 7502, Gulf of Boothia and Committee Bay	500,000	1	7/98	CHS	35/12
18BHA18525 (7642014627126)	Columbia River-Saint Helens to Vancouver	40,000	37	6/12	NOS	35/12
18XHA18556 (7642014011630)	Nehalem River	20,000	26	6/12	NOS	35/12
	MISCELLANEOUS CHARTS AND PUBLICATIONS					
NOSPBCP9 (7642014008452)	No. 9 Alaska: Cape Spencer to Beaufort Sea, 2012		30		NOS	35/12

Price Categories effective 1 October 2011

A	21.75	E	11.25	G	6.75
D	13.50	F	11.25	H	11.25

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.

To locate the nearest FAA Sales Agents in your area, go to: **http://aeronav.faa.gov/agents.asp**

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.

DoD users and DoD contractors may direct questions concerning the availability and distribution of announced hardcopy charts to the Defense Logistics Agency (DLA) at 1-800-826-0342 or 804-279-6500; DSN 695-6500; Fax 804-279-6524.

Civilian users can obtain information about ordering NGA paper charts at: http://www.nauticalcharts.noaa.gov/staff/charts.htm.

COAST PILOT CORRECTIONS

COAST PILOT 1 42 Ed 2012 Change No. 3
LAST NM 33/12

Chapter 8—Paragraph 277; read:

(277) **Trevett** is a small village at the Hodgdon Island end of the drawbridge. It has a general store. A highway bridge with a 14-foot fixed span and a clearance of 3 feet connects Hodgdon Island with the mainland. Two small-craft launching ramps are at the north and south sides of the west end of the bridge.

(DB 20012-obs) 35/12

COAST PILOT 2 41 Ed 2012 Change No. 11
LAST NM 33/12

Chapter 6—Paragraph 84; read:

(84) **General anchorages** are in the outer and inner harbor and, except in emergencies, vessels must anchor in these areas. (See **33 CFR 110.1 and 110.145(a)(1), (a) (3) through (a)(5), and (d),** chapter 2, for limits and regulations.) A general anchorage is also in Brenton Cove. (See **33 CFR 110.1 and 110.149,** chapter 2, for limits and regulations.) **Special anchorages** are in Bren ton Cove and in the inner harbor east and northeast of Goat Island. (See **33 CFR 110.1, 110.1a, and 110.46,** chapter 2, for limits and regulations.) Vessels of more than 18-foot draft anchor in the outer harbor in depths of 36 to 100 feet with good holding ground.

(FR 7/25/12) 35/12

Chapter 11—Paragraph 372; read:

(372) More than 15 draw and fixed bridges cross the Hackensack River between the mouth and Hackensack. The minimum clearance of the bridges with fixed spans is 49 feet at the fixed bridge above Garretts Reach about 11.2 miles above the mouth. A bridge at Marion, 3 miles above the mouth, is under construction (2012). The bascule bridge at Little Ferry, 14 miles above the mouth, is no longer operational and has a clearance of 35 feet. The minimum clearance of the bridges with drawspans is 2 feet at Hackensack, nearly 16 miles above the mouth. (See **117.1 through 117.59 and 117.723**, chapter 2, for drawbridge regulations.) The fixed bridges above Hackensack have a minimum clearance of 2 feet. The minimum clearance of the cables over Hackensack River to Hackensack is 89 feet; thence 26 feet to the dams at New Milford.

(L 659-2012; L 1192-2011; LNM 13/12 CG1) 35/12

COAST PILOT 4 43 Ed 2011 Change No. 13
LAST NM 34/12

Chapter 5—Paragraph 86; read:

(86) A dredged channel in New River leads from the Intracoastal Waterway to a point about 0.65 mile below U.S. Route 17 highway bridge at Jacksonville. In 2012, the controlling depth was 1.3 feet from the Intracoastal Waterway to Light 17; thence in 2002, 5 feeet to Light 42; thence in 1977, 5.7 feeet to the head of the project at the Route 17 bridge in Jacksonville. The channel is well marked by lights and daybeacons. Spoil areas, some discontinued, extend close along the easterly side of the channel for almost its entire length.

(L 1345-2012) 35/12

Chapter 5—Paragraphs 177 to 178; read:

(177) **North Carolina State Ports Authority**: Berths 6, 7, and 8 (34°11'38"N., 77°57'20"W.): 1,640-foot face; 37 feet alongside; deck height, 12 feet; four 40-ton container cranes; traveling, revolving gantry cranes to 225 tons; 140-ton mobile crane; handles general and containerized cargo, heavy-lift items, and various dry bulk commodities.

(178) **North Carolina State Ports Authority**: Berths 1, 2, 3, 4, and 5: 2,900-foot face; 30 feet alongside; deck height, 12 feet; use of cargo handling equipment from Berths 6, 7, and 8; handles general and containerized cargo, heavy-lift items, and various dry bulk commodities; operated by North Carolina State Ports Authority and Cargill, Inc.

(DD 22133) 35/12

Appendix A—Paragraph 205; read:

(205) Broadcast times: 0050, 0450, 0850, 1250, 1650, 2050 GMT.

(L 1497-2012) 35/12

Appendix A—Paragraph 211; read:

(211) Broadcast times: 0210, 0610, 1010, 1410, 1810, 2210 GMT.

(L 1497-2012) 35/12

Appendix A—Paragraph 231; read:

(231) Broadcast times: 0250, 0650, 1050, 1450, 1850, 2250 GMT.

(L 1497-2012) 35/12

Appendix A—Paragraph 237; read:

(237) Broadcast times: 0100, 0500, 0900, 1300, 1700, 2100 GMT.

(L 1497-2012) 35/12

COAST PILOT 6 42 Ed 2012 Change No. 9
LAST NM 34/12

Chapter 4—Paragraph 106; read:

(106) The unloading berth, slip "B", on the north side of the elevator, is 398 m (1,306 ft) long, with a depth of 7.9 m (26 ft). There is a hopper for receiving grain dis-

COAST PILOT 6 (Continued)

charged by ships. The loading berth, slip "A", on the south side of the elevator, is 282 m (925 ft) long and had a depth of 7.6 m (25 ft) in 1992. This berth is equipped with eleven spouts for loading grain. There is also berthing space for vessels waiting to load or unload. The wharves have an elevation of 2.7 m (8.8 ft). For the loading of railway cars or trucks, there are four elevator legs with a capacity of 476 tonnes per hour.
(CSD-CEN301-2010) 35/12

Chapter 11—Paragraphs 428 to 429; read:

(428) **Calumet Harbor Breakwater South End Light** (41°43'34"N., 87°29'36"W.), 50 feet above the water, is shown from a white square skeleton tower with red band on the outer end of the breakwater extension; a seasonal sound signal is at the light.
(LL 2012; NOS 14926) 35/12

COAST PILOT 8 34 Ed 2012 Change No. 2
LAST NM 36/12

Chapter 10—Paragraph 49; read:

(49) The shore near the S entrance point of the port is irregular and foul. The head of the first arm on the S side affords anchorage with mud bottom. Favor the SW side near the head to avoid the charted 2¼ fathom rock.
(H 11818; DD 21809) 35/12

COAST PILOT 9 30 Ed 2012 NEW EDITION
(NOS) 35/12

CORRECTIONS TO C. G. LIGHT LIST, VOLUME I ATLANTIC COAST, 2012

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks	
265 8990	*Merrimack River Entrance Lighted Whistle Buoy MR*	42-48-34.33N 70-47-03.18W	Mo (A) W		4	Red and white stripes with red spherical topmark.		
					*			35/12
730	*Hudson Canyon Traffic Lane Lighted Whistle Buoy HA*						*Remove from list.*	
							*	35/12
970	*- Lighted Buoy 19*	45-10-15.37N 67-12-12.60W	Q G		3	Green.	Maintained from Apr. 1 to Nov. 1.	
					*			35/12
8990 265	*- Entrance Lighted Whistle Buoy MR*	42-48-34.33N 70-47-03.18W	Mo (A) W		4	Red and white stripes with red spherical topmark.		
					*			35/12
15690	- DIRECTIONAL LIGHT	41-31-39.00N 70-40-33.00W	F RWG	37		On tower.	Red from 342.25° to 343.25°, white from 343.25° to 344.75°, green from 344.75° to 345.75°.	
			*					35/12
23095	STRAITS HILL LIGHT	41-33-48.97N 72-36-14.88W	Q W	23	7	NR on skeleton tower.	Higher intensity beam up river.	
		*						35/12
29170	*- Lighted Buoy 11*	40-37-40.81N 73-17-31.10W	Fl G 2.5s		3	Green.	Replaced by can when endangered by ice.	
					*			35/12
29220	*- Lighted Buoy 5*	40-38-15.04N 73-12-52.21W	Fl G 4s		3	Green.	Replaced by can from Nov. 15 to Apr. 1.	
					*			35/12
29730	BROWN POINT EAST BREAKWATER LIGHT 2	40-43-21.60N 73-04-08.00W	Fl R 4s	20	3	TR on pile.		
					*			35/12
31010	- LIGHT 4	40-35-30.31N 73-33-31.12W	Fl R 4s	12	3	TR on pile.		
					*			35/12
31030	*- Lighted Buoy 6*	40-35-51.65N 73-33-03.90W	Fl R 2.5s		3	Red.		
					*			35/12
31215	- LIGHT 25	40-37-00.30N 73-25-57.20W	Fl G 2.5s		3	SG on pile.		
					*			35/12
31220	- LIGHT 29	40-37-15.46N 73-25-00.00W	Fl G 4s	12	3	SG on pile.		
					*			35/12
31235	- LIGHT 35	40-37-29.46N 73-23-59.18W	Fl G 2.5s	12	3	SG on pile.	Maintained from Apr. 1 to Nov. 15.	
					*			35/12
31565	*- Lighted Buoy 1*	40-35-28.92N 73-43-35.08W	Fl G 2.5s		3	Green.	Replaced by can when endangered by ice.	
					*			35/12
31575	*- Lighted Buoy 3*	40-35-29.99N 73-42-47.34W	Fl G 4s		3	Green.	Replaced by can when endangered by ice.	
					*			35/12
31580	*- Lighted Buoy 5*	40-35-25.27N 73-41-45.20W	Fl G 6s		3	Green.	Replaced by can when endangered by ice.	
					*			35/12

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 I ATLANTIC COAST, 2012

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks	
31585	- LIGHT 7	40-35-25.14N 73-41-20.73W	Fl G 2.5s	16	3	SG on pile.		
					*			35/12
32535	- LIGHT 18	40-35-49.77N 73-37-00.00W	Fl R 2.5s	16	3	TR on pile.		
					*			35/12
32555	- LIGHT 24 On edge of marsh.	40-35-43.84N 73-35-56.01W	Fl R 4s	12	3	TR on pile.		
					*			35/12
37661	*- Kayak Crossing Lighted Buoy A*						*Remove from list.*	
							*	35/12
37662	*- Kayak Crossing Lighted Buoy B*						*Remove from list.*	
							*	35/12

CORRECTIONS TO C. G. LIGHT LIST, VOLUME II ATLANTIC COAST, 2012

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks	
635	*NOAA Lighted Data Buoy 41001 (ODAS)*	34-35-51.77N 72-40-06.91W	Fl (4) Y 20s		5	Yellow boat-shaped hull.	Aid maintained by NOAA.	
		*						35/12
3080	- FRONT LIGHT	39-44-07.34N 75-30-14.30W	Fl G 2.5s (Night) Fl G 2.5s (Day)	36 39		On tower.	Lighted throughout 24 hours. DAY: Visible 0.9° either side of rangeline. NIGHT: Visible 1.5° either side of rangeline.	
		*						35/12
3085	- REAR LIGHT 1,083 yards, 216° from front light.	39-43-41.21N 75-30-38.44W	F G (Night) F G (Day)	93 90		On tower.	Lighted throughout 24 hours. DAY: Visible 0.9° either side of rangeline. NIGHT: Visible 0.5° either side of rangeline.	
	*	*						35/12
14440	York Spit Daybeacon 6	37-13-34.29N 76-16-43.97W				TR on pile.		
		*						35/12
22115	WATTS ISLAND ROCKS WARNING LIGHT	37-46-46.28N 75-53-43.27W	Fl W 2.5s	15	5	NW on pile worded DANGER SUBMERGED ROCKS.		
			*		*			35/12
23830	- CHANNEL LIGHT 25	38-15-18.01N 75-48-23.94W	Fl G 2.5s	15	4	SG on pile.		
					*			35/12
*27327	*Aberdeen Proving Ground Lighted Warning Buoy A*	39-23-04.02N 76-16-08.72W	Fl W 2.5s			White.	Aid maintained by US Army.	
								35/12
*29388	*- Channel Lighted Buoy 16A*	34-41-28.15N 76-40-07.18W	Fl R 2.5s		3	Red.		
								35/12
*29391	*- Channel Lighted Buoy 17A*	34-41-36.30N 76-40-16.53W	Fl G 4s		3	Green.		
								35/12

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, 2012

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks	
30540 39955	HORSESHOE SHOAL CHANNEL RANGE REAR LIGHT 1,482 yards, 203.8° from front light.	33-55-54.33N 77-58-10.15W	Iso W 6s (Night) Iso W 6s (Day)	48 45		On skeleton tower.	Lighted throughout 24 hours. DAY: Visible 1.5° either side of rangeline. NIGHT: Visible 5.5° either side of rangeline.	
	*	*						35/12
*32021	- Buoy 7A	35-41-16.76N 75-45-46.25W				Green can.		
								35/12
*32026	- Buoy 8A	35-41-19.17N 75-45-45.18W				Red nun.		
								35/12
32220	- LIGHT 8						*Remove from list.*	
							*	35/12
*32221	*- Lighted Wreck Buoy WR8*	35-17-34.93N 75-33-48.17W	Q R		4	Red.		
								35/12
33977	*- Lighted Wreck Buoy WR15A*						*Remove from list.*	
							*	35/12
34825	- Daybeacon 3A	34-42-33.24N 76-40-48.62W				SG on pile.		
		*						35/12
34840	- Daybeacon 8	34-42-49.24N 76-40-36.09W				TR on pile.		
		*						35/12
38200	- LIGHT 15	35-17-02.94N 76-36-47.77W	Fl G 4s	15	4	SG-SY on pile.		
		*						35/12
39955 30540	HORSESHOE SHOAL CHANNEL RANGE REAR LIGHT 1,482 yards, 203.8° from front light.	33-55-54.33N 77-58-10.15W	Iso W 6s (Night) Iso W 6s (Day)	48 45		On skeleton tower.	Lighted throughout 24 hours. DAY: Visible 1.5° either side of rangeline. NIGHT: Visible all around; higher intensity 5.5° either side of rangeline.	
	*	*						35/12

CORRECTIONS TO C. G. LIGHT LIST, VOLUME III ATLANTIC AND GULF COAST, 2012

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks	
2440	*- Channel Lighted Bell Buoy 22*	32-44-25.51N 79-50-40.75W	Q R		4	Red.		
					*			35/12
8350	SEVEN SISTERS ISLANDS LIGHT 34	29-33-10.08N 81-42-01.14W	Fl R 4s	16	5	TR on pile.		
					*			35/12
8425	WELAKA LIGHT 50	29-28-29.80N 81-40-37.57W	Fl R 4s	16	5	TR on pile.		
					*			35/12
	***Add Heading: Burnt Point Channel**							
*13607	- Buoy 1	24-45-38.88N 80-59-08.76W				Green can.	Private aid.	
								35/12
*13607.1	- Buoy 2	24-45-38.82N 80-59-09.42W				Red nun.	Private aid.	
								35/12

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 III ATLANTIC AND GULF COAST, 2012

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks	
*13607.2	- Daybeacon 3	24-45-27.78N 80-59-07.02W				SG on pile.	Private aid.	
								35/12
*13607.3	Burnt Point Danger Shoal Daybeacon	24-45-38.52N 80-59-09.36W				NW on pile worded DANGER SHOAL.	Private aid.	
								35/12
15030	- LIGHT 16	24-35-44.76N 81-47-44.37W	Fl R 4s	16	5	TR on pile.		
					*			35/12
15220	- LIGHT 12	24-36-10.59N 81-51-47.23W	Fl R 2.5s	16	5	TR on pile.		
					*			35/12
22565	*- Lighted Buoy 8B*	27-39-45.27N 82-35-58.14W	Fl R 4s		4	Red.		
					*			35/12
22880	*- Lighted Buoy 5*	27-47-50.17N 82-29-09.87W	Fl G 4s		5	Green.		
					*			35/12
23730	*- Lighted Buoy 11J*	27-47-47.10N 82-34-26.45W	Q G		4	Green.		
					*			35/12
38350	- LIGHT 1	30-22-51.73N 81-27-30.68W	Fl G 4s	18	5	SG-SY on tripod.		
					*			35/12
50440	- LIGHT 55	25-05-39.32N 80-27-54.70W	Fl G 4s	16	5	SG-SY on dolphin.		
					*			35/12
61820	- LIGHT 15	27-58-29.59N 82-48-15.00W	Fl G 4s	16	5	SG-SY on pile.		
					*			35/12

CORRECTIONS TO C. G. LIGHT LIST, VOLUME IV GULF OF MEXICO, 2012

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks	
15	*South Shoal Lighted Buoy 26*	29-47-57.17N 84-20-41.72W	Fl R 6s		4	Red.		
	*							35/12
	Bayou St. John							
*5940.01	- Buoy 1	30-16-46.24N 87-33-01.84W						
								35/12
6580	- LIGHT 64 200 feet outside channel limit.	30-32-21.23N 88-01-21.88W	Fl R 4s	17	3	TR on pile.	Ra ref.	
					*			35/12
11895 34745	- LIGHT 130 150 feet outside channel limit.						*Remove from list.*	
							*	35/12
14910	RATEAU LIGHT 173A RDB mile 173.0.	30-06-27.67N 90-56-47.43W	Q G		4	SG on skeleton tower on piles.		
					*			35/12
*15510.01	*- Lighted Buoy 18*	29-09-03.09N 89-24-25.79W	Fl R 6s		3	Red.		
								35/12

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 IV GULF OF MEXICO, 2012

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
*15510.02	- Buoy 18A	29-09-04.90N 89-24-19.09W				Red.	
							35/12
*15515.01	*- Lighted Buoy 19*	29-09-07.16N 89-24-14.17W	Fl G 4s		4	Green.	
							35/12
15915	*- Lighted Buoy 1*	29-16-24.69N 89-57-17.32W	Fl G 2.5s		4	Green.	
					*		35/12
17690	*- Lighted Buoy 3*	29-02-09.39N 90-34-13.52W	Fl G 2.5s		4	Green.	
					*		35/12
17760	- Buoy 3	29-06-23.02N 90-34-48.02W				Green can.	Ra ref.
		*					35/12
17765	- Buoy 4	29-06-49.78N 90-34-43.52W				Red nun.	Ra ref.
		*					35/12
18185	Grand Bayou Du Large Buoy 3	29-11-58.85N 90-57-27.99W				Green can.	
		*					35/12
18550	*- Lighted Buoy 7*	29-13-04.36N 91-31-15.66W	Fl G 2.5s		4	Green.	
					*		35/12
18615	*- Lighted Buoy 19*	29-17-52.10N 91-27-00.69W	Fl G 2.5s		4	Green.	
					*		35/12
*20657	- LIGHT 23	29-46-18.00N 92-10-42.00W	Fl G 2.5s	17	2	SG on pile.	
							35/12
*20658	- JUNCTION LIGHT FW	29-46-28.00N 92-10-16.00W	Fl(2+1) R 6s	17	2	JR-SY on pile.	
							35/12
*20659	INTERCOASTAL CITY LIGHT 1	29-46-33.00N 92-10-42.00W	Fl G 4s	17	2	SG on pile.	Ra ref.
							35/12
21255	*- Lighted Buoy 9*	29-31-14.76N 93-13-43.78W	Q G		3	Green.	
					*		35/12
21270	*- Lighted Buoy 14*	29-32-47.35N 93-14-52.58W	Fl R 4s		3	Red.	
					*		35/12
21310	*- Lighted Buoy 24*	29-36-46.21N 93-18-28.59W	Fl R 2.5s		3	Red.	
					*		35/12
21430	- LIGHT 50 130 feet outside channel limit.	29-46-40.68N 93-20-40.28W	Fl R 2.5s	17	3	TR on pile.	
					*		35/12
21455	- LIGHT 57	29-49-50.50N 93-20-59.00W	Q G	30	3	SG on skeleton tower on piles.	
					*		35/12
21630	- LIGHT 72	29-55-45.61N 93-20-18.79W	Fl R 4s	17	3	TR on skeleton tower on piles.	
					*		35/12

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 IV GULF OF MEXICO, 2012

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks	
21810 35400	- RANGE REAR LIGHT 102 yards, 226.1° from front light.	30-05-12.67N 93-19-49.64W	Iso W 6s	40		KRW-1 on skeleton tower.	Visible all around. Higher intensity on the rangeline.	
		*						35/12
22340	- *Lighted Buoy 8* 50 feet outside channel limit.	29-28-55.84N 93-39-55.58W	Q R		3	Red.		
					*			35/12
22555	- *Lighted Buoy 30*	29-41-53.65N 93-50-33.36W	Fl R 2.5s	17	3	TR on pile.		
					*			35/12
22570	- *Lighted Buoy 36*	29-43-27.79N 93-51-46.19W	Fl R 4s		3	Red.		
					*			35/12
22630	- LIGHT 38	29-44-33.96N 93-52-36.70W	Q R	17	3	TR on pile.		
					*			35/12
23355	- LIGHT 20	29-59-14.61N 93-54-31.50W	Fl R 4s	17	3	TR on dolphin.		
					*			35/12
23770	- *Entrance Channel Lighted Buoy 9*	29-20-39.42N 94-42-55.67W	Q G		3	Green.		
					*			35/12
23775	- *Entrance Channel Lighted Bell Buoy 10*	29-20-50.70N 94-42-54.15W	Q R		3	Red.		
					*			35/12
23795	- *Entrance Channel Lighted Buoy 12* 100 feet outside channel limit.	29-20-43.85N 94-44-47.20W	Fl R 2.5s		3	Red.		
					*			35/12
23805	*Galveston Anchorage Lighted Buoy B* Marks northwest corner of anchorage area.	29-21-15.85N 94-44-27.70W	Fl Y 6s		4	Yellow.		
					*			35/12
23900 36055	- *Entrance Lighted Buoy 18*	29-21-03.95N 94-47-00.67W	Q R		3	Red with yellow square.		
					*			35/12
24095	- LIGHT 44 235 feet outside channel limit.	29-27-30.40N 94-50-45.29W	Fl R 4s	17	3	TR on pile.	Ra ref.	
					*			35/12
24215	UPPER GALVESTON BAY INNER RANGE FRONT LIGHT	29-37-08.37N 94-57-42.64W	Q W	25		KRW on piles.	Visible only on rangeline.	
		*						35/12
24295	- LIGHT 63 500 feet from the channel centerline.	29-32-58.03N 94-54-36.84W	Fl G 4s	17	3	SG on pile.		
					*			35/12
24375	- LIGHT 73 500 feet from the channel centerline.	29-35-42.34N 94-56-43.26W	Fl G 4s	17	3	SG on pile.	Ra ref.	
					*			35/12
24555	- LIGHT 87 500 feet from the channel centerline.	29-39-45.20N 94-58-32.30W	Fl G 2.5s	17	3	SG on pile.	Ra ref.	
					*			35/12

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 IV GULF OF MEXICO, 2012

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks	
24580	- LIGHT 90A	29-40-39.70N 94-58-41.01W	Fl R 4s	17	3	TR on pile.		
					*			35/12
24755	- LIGHT 93 125 feet outside channel limit.	29-41-17.79N 94-59-12.29W	Fl G 4s	17	3	SG on pile.		
					*			35/12
25095	-LIGHT 102A 120 feet outside channel limit.	29-42-11.96N 95-00-46.44W	Fl R 4s	17	3	TR on pile.		
					*			35/12
25350	- LIGHT 112A	29-43-53.61N 95-01-54.17W	Fl R 2.5s	17	3	TR on pile.	Ra ref.	
					*			35/12
25420	- LIGHT 117 125 feet outside channel limit.	29-44-09.40N 95-03-24.00W	Q G	17	3	SG on pile.		
					*			35/12
25440	- LIGHT 120	29-44-28.38N 95-03-30.45W	Fl R 2.5s	17	3	TR on pile.	Ra ref.	
					*			35/12
25510	- LIGHT 125A	29-45-33.73N 95-04-27.19W	Fl G 2.5s	17	3	SG on pile.		
					*			35/12
25520	- LIGHT 126A	29-45-41.30N 95-04-22.29W	Fl R 2.5s	17	3	TR on pile.		
					*			35/12
25700	- LIGHT 128 170 feet outside channel limit.	29-45-53.75N 95-05-05.68W	Fl R 2.5s	17	3	TR on pile.	Ra ref.	
					*			35/12
25805	-LIGHT 151 355 feet outside channel limit.	29-44-38.74N 95-09-57.06W	Fl G 4s	17	3	SG on pile.		
					*			35/12
26915	*- Lighted Buoy 2*	28-53-39.98N 95-15-03.96W	Fl R 4s		4	Red.	Ra ref.	
					*			35/12
26930	*- Lighted Buoy 5*	28-55-05.55N 95-16-50.24W	Fl G 2.5s		3	Green.	Ra ref.	
					*			35/12
26935	*- Lighted Bell Buoy 6*	28-55-26.05N 95-16-55.85W	Fl R 2.5s		3	Red.	Ra ref.	
					*			35/12
27005	FREEPORT HARBOR OUTBOUND RANGE FRONT LIGHT	28-56-35.85N 95-18-09.91W	Q R	25		KRW on skeleton tower.	Visible 2° each side of rangeline.	
		*						35/12
27010	FREEPORT HARBOR OUTBOUND RANGE REAR LIGHT 480 yards, 083.2° from front light.	28-56-37.13N 95-17-57.59W	F R	50		KRW on skeleton tower.	Visible 2° each side of rangeline.	
		*						35/12
*28747	CORPUS CHRISTI BAY ALTERNATE ROUTE LEADING LIGHT	27-48-46.32N 97-17-26.71W	Fl W 2.5s	17	4			
								35/12

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 IV GULF OF MEXICO, 2012

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks	
*28747.1	Corpus Christi Bay Alternate Route Daybeacon 7	27-47-09.82N 97-16-28.00W				SG on pile.	Ra ref.	35/12
*28747.2	CORPUS CHRISTI BAY ALTERNATE ROUTE LIGHT 6	27-46-32.42N 97-15-25.86W	Fl R 4s	17	3	TR on pile.	Ra ref.	35/12
*28747.3	Corpus Christi Bay Alternate Route Daybeacon 5	27-43-48.31N 97-14-00.00W				SG on pile.	Ra ref.	35/12
*28747.4	CORPUS CHRISTI BAY ALTERNATE ROUTE LIGHT 4	27-44-37.00N 97-14-04.40W	Fl R 2.5s	17	3	TR on pile.	Ra ref.	35/12
*28747.5	Corpus Christi Bay Alternate Route Daybeacon 3	27-43-48.31N 97-14-00.00W				SG on pile.	Ra ref.	35/12
29560	- RANGE REAR LIGHT 823 yards, 055.7° from front light.	26-04-18.42N 97-09-26.50W	Iso G 6s	67		KRW on skeleton tower.	Visible 2° each side of rangeline.	
	*							35/12
*29606	- LIGHT 29	26-02-47.55N 97-11-52.80W	Fl G 4s	17	3	SG on pile.		35/12
30060	- LIGHT 14	29-43-56.73N 84-47-18.08W	Fl R 2.5s	17	3	TR-TY on piles.	Ra ref.	
							*	35/12
30080	- Daybeacon 18	29-43-37.48N 84-48-05.24W				TR-TY on pile.	Ra ref.	
							*	35/12
34745 11895	- LIGHT 130 150 feet outside channel limit.						*Remove from list.*	
							*	35/12
35400 21810	DEVILS ELBOW RANGE REAR LIGHT 102 yards, 226.1° from front light.	30-05-12.67N 93-19-49.64W	Iso W 6s	40		KRW-I on skeleton tower.	Visible all around; higher intensity on rangeline.	
		*						35/12
36055 23900	*Houston Ship Channel Entrance Lighted Buoy 18*	29-21-03.95N 94-47-00.67W	Q R		3	Red with yellow square.		
					*			35/12
37005.1	- A RANGE FRONT LIGHT PASSING LIGHT	29-10-26.29N 95-06-43.54W	Fl R 2.5s	10	3	On same structure as Chocolate Bay A Range Front Light.		
		*						35/12
37675	- H RANGE FRONT LIGHT	28-30-57.14N 96-14-22.67W	Q G	21		KRW-I on skeleton tower on piles.	For westbound traffic. Visible 2° each side of rangeline.	
		*						35/12
37680	- H RANGE FRONT LIGHT PASSING LIGHT	28-30-57.14N 96-14-22.67W	Fl W 4s	23	5	On same structure as Matagorda Bay H Range Front Light.		
		*						35/12
38355	- Buoy 1						*Remove from list.*	
							*	35/12
*38355.01	- Daybeacon 1	28-18-46.65N 96-40-28.98W				SG on pile.	Ra ref.	35/12

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 IV GULF OF MEXICO, 2012

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks	
38365	- Buoy 3						*Remove from list.*	
							*	35/12
*38365.01	-Daybeacon 3	28-18-24.17N 96-41-00.99W				SG on pile.	Ra ref.	
								35/12
38370	- Buoy 3A						*Remove from list.*	
							*	35/12
38375	- Buoy 4						*Remove from list.*	
							*	35/12
*38375.01	- Daybeacon 4	28-18-27.62N 96-41-00.18W				SG on pile.	Ra ref.	
								35/12
38380	- Buoy 5						*Remove from list.*	
							*	35/12
38385	- LIGHT 5 90 feet outside channel limit.	28-17-57.35N 96-41-38.03W	Fl G 2.5s	17	4	SG-SY on pile.	Ra ref.	
	*							35/12
38390	- Daybeacon 6	28-18-00.00N 96-41-40.17W				TR-TY on pile.	Ra ref.	
	*							35/12
38395	- Buoy 7	28-17-46.07N 96-41-54.77W				Green can with yellow square.		
	*							35/12
38400	- Buoy 9A						*Remove from list.*	
							*	35/12
*38400.01	- Daybeacon 9	28-17-34.71N 96-42-10.75W				SG on pile.	Ra ref.	
								35/12
38405	- Buoy 11						*Remove from list.*	
							*	35/12
38410	- LIGHT 1 90 feet outside channel limit.	28-17-11.29N 96-42-42.88W	Fl G 4s	17	4	SG-SY on pile.	Ra ref.	
	*							35/12
38415	- Buoy 14						*Remove from list.*	
							*	35/12
*38415.01	- Daybeacon 12	28-17-12.97N 96-42-44.44W				TR on pile.	Ra ref.	
								35/12
38420	- Buoy 15						*Remove from list.*	
							*	35/12
38425	-Buoy 15A						*Remove from list.*	
							*	35/12
*38425.01	- Daybeacon 13	28-16-48.60N 96-43-15.41W				SG on pile.	Ra ref.	
								35/12
38430	- Buoy 17						*Remove from list.*	
							*	35/12
38435	- LIGHT 15 90 feet outside channel limit.	28-16-24.96N 96-43-47.91W	Fl G 4s	17	4	SG-SY on pile.	Ra ref.	
	*							35/12

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 IV GULF OF MEXICO, 2012

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks	
38440	- Daybeacon 16	28-16-27.35N 96-43-50.00W				TR-TY on pile.	Ra ref.	
	*							35/12
38445	- Buoy 21						*Remove from list.*	
							*	35/12
38450	- Buoy 21A						*Remove from list.*	
							*	35/12
*38450.01	- Daybeacon 17	28-16-02.22N 96-44-20.59W				SG on pile.	Ra ref.	
								35/12
38465	- Buoy 23						*Remove from list.*	
							*	35/12
38470	- LIGHT 19 90 feet outside channel limit.	28-15-38.75N 96-44-52.83W	Fl G 4s	17	4	SG-SY on pile.	Ra ref.	
	*							35/12
38475	- Buoy 26						*Remove from list.*	
							*	35/12
*38475.01	- Daybeacon 20	28-15-40.46N 96-44-54.41W				TR on pile.	Ra ref.	
								35/12
38480	- Buoy 27						*Remove from list.*	
							*	35/12
38485	- Buoy 27A						*Remove from list.*	
							*	35/12
*38485.01	- Daybeacon 21	28-15-17.92N 96-45-24.67W				SG on pile.	Ra ref.	
								35/12
38490	- Buoy 29						*Remove from list.*	
							*	35/12
38495	- LIGHT 23 90 feet outside channel limit.	28-14-52.53N 96-45-57.74W	Fl G 4s	17	4	SG-SY on pile.	Ra ref.	
	*							35/12
38500	- Daybeacon 24	28-14-54.90N 96-46-00.00W				TR on yellow triangle on pile.	Ra ref.	
	*							35/12
38505	- Buoy 33						*Remove from list.*	
							*	35/12
38510	- Buoy 35						*Remove from list.*	
							*	35/12
*38510.01	- Daybeacon 25	28-14-22.23N 96-46-41.46W				SG on pile.	Ra ref.	
								35/12
38520	- LIGHT 27 90 feet outside channel limit.	28-14-06.41N 96-47-02.80W	Fl G 4s	17	4	SG-SY on pile.	Ra ref.	
	*							35/12
38525	- Buoy 39A						*Remove from list.*	
							*	35/12
38530	- Buoy 40						*Remove from list.*	
							*	35/12

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 IV GULF OF MEXICO, 2012

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks	
*38530.01	- Daybeacon 28	28-14-00.66N 96-47-15.27W				TR on pile.	Ra ref.	35/12
38535	- Buoy 41						*Remove from list.* *	35/12
38540	- LIGHT 29 90 feet outside channel limit. *	28-13-23.55N 96-48-02.61W	Fl G 2.5s	17	4	SG-SY on pile.	Ra ref.	35/12
38545	- Buoy 44						*Remove from list.* *	35/12
*38545.01	- Daybeacon 30	28-13-17.24N 96-48-16.63W				TR on pile.	Ra ref.	35/12
38550	- Buoy 45						*Remove from list.* *	35/12
*38550.01	- Daybeacon 31	28-13-06.00N 96-48-28.54W				SG on pile.	Ra ref.	35/12
38555	- Buoy 46						*Remove from list.* *	35/12
*38555.01	- Daybeacon 32	28-13-00.12N 96-48-40.64W				TR on pile.	Ra ref.	35/12
38560	- Buoy 47						*Remove from list.* *	35/12
*38560.01	- Daybeacon 33	28-12-49.83N 96-48-51.04W				SG on pile.	Ra ref.	35/12
38565	- LIGHT 34 *	28-12-43.07N 96-49-04.95W	Q R	17	4	TR-TY on pile.	Ra ref.	35/12
38570	- Buoy 49						*Remove from list.* *	35/12
*38570.01	- Daybeacon 35	28-12-32.47N 96-49-10.34W				SG on pile.	Ra ref.	35/12
38575	- Buoy 50						*Remove from list.* *	35/12
*38575.01	- Daybeacon 36	28-12-24.78N 96-49-19.75W				TR on pile.	Ra ref.	35/12
38580	- Buoy 51						*Remove from list.* *	35/12
*38580.01	- Daybeacon 37	28-12-14.47N 96-49-25.04W				SG on pile.	Ra ref.	35/12
38585	- LIGHT 39 *	28-12-05.49N 96-49-32.65W	Q G	17	4	SG-SY on pile.	Ra ref.	35/12
38590	- Buoy 54						*Remove from list.* *	35/12

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 IV GULF OF MEXICO, 2012

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
*38590.01	- Daybeacon 40	28-11-45.38N 96-50-05.58W				TR on pile.	Ra ref.
							35/12

CORRECTIONS TO C. G. LIGHT LIST, VOLUME VI PACIFIC COAST AND PACIFIC ISLANDS, 2012

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
5	**Point Loma Light**	32-39-54.25N 117-14-33.55W	Fl W 15s	88	22	Black house on white square pyramidal skeleton tower. 70	Emergency light of reduced intensity when main light is extinguished. HORN: 1 blast ev 30s (3s bl).
		*					35/12
984	*NOAA Data Lighted Buoy 46001*	56-18-16.00N 147-55-13.00W	Fl (4) Y 20s			Yellow boat-shaped hull.	
		*					35/12
8216	- LIGHT 13	40-46-03.80N 124-12-55.34W	Fl G 6s	20	4	SG on pile.	Ra ref.
		*		*			35/12
8290	- LIGHT 3	40-44-38.45N 124-13-28.17W	Fl G 2.5s	20	3	SG on pile.	Ra ref.
		*		*			35/12
8300	- RANGE REAR LIGHT 103 yards, 327.9° from front light.	40-44-35.50N 124-13-39.67W	Iso R 6s	30	6	KRW on pile.	Visible all around; higher intensity on rangeline.
	*						35/12
8315	- LIGHT 7	40-44-26.26N 124-13-28.54W	Fl G 4s	20	4	SG on pile.	Ra ref.
				*			35/12
*22329	*Moser Bay Coast Guard Lighted Mooring Buoy*	55-34-01.09N 131-40-38.88W	Fl W 2.5s		3	White with blue band.	
							35/12
28060	- RANGE FRONT LIGHT	19-43-56.90N 155-03-12.16W	F G	75		KRW on post. 70	Visible 4° each side of rangeline. Lighted throughout 24 hours.
		*					35/12
28065	- RANGE REAR LIGHT 470 yards, 097.5° from front light.	19-43-55.12N 155-02-57.59W	F G	124		KRW on square pyramidal skeleton tower. 121	Visible 4° each side of rangeline. Lighted throughout 24 hours.
		*					35/12
28285	- CHANNEL RANGE FRONT LIGHT	20-02-05.70N 155-49-38.36W	F G	70		KRW on post. 65	Visible 4° each side of rangeline. Lighted throughout 24 hours.
		*					35/12
28290	- CHANNEL RANGE REAR LIGHT 247 yards, 120° from front light.	20-02-02.04N 155-49-31.66W	F G	93		KRW on pile. 85	Visible 4° each side of rangeline. Lighted throughout 24 hours.
		*					35/12
28420	- RANGE FRONT LIGHT	20-47-31.24N 156-30-40.67W	Q R	29		KRW on post. 17	Visible 4° each side of rangeline. Lighted during periods of darkness only.
		*					35/12
28425	- RANGE REAR LIGHT 64 yards, 339° from front light.	20-47-33.20N 156-30-41.49W	Iso R 6s	43		KRW on post.	Visible 4° each side of rangeline. Lighted during periods of darkness only.
		*					35/12

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, 2012

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
28470	- RANGE FRONT LIGHT	20-52-20.83N 156-40-43.53W	Q G	10		KRW on post.	Visible 4° each side of rangeline.
		*					35/12
28475	- RANGE REAR LIGHT 50 yards, 044.4° from front light.	20-52-21.74N 156-40-42.60W	Iso G 6s	22		KRW on post.	Visible 4° each side of rangeline.
		*					35/12
28605	- ENTRANCE RANGE FRONT LIGHT	21-05-15.89N 157-01-29.31W	Q R	27		KRW on skeleton tower on house.	Visible 4° each side of rangeline.
		*					35/12
28610	- RANGE REAR LIGHT 200 yards, 034° from front light.	21-05-20.84N 157-01-25.80W	Iso R 6s	41		KRW on skeleton tower.	Visible 4° each side of rangeline.
		*					35/12
28710	ENTRANCE AND KUALOA POINT RANGE FRONT LIGHT	21-29-44.53N 157-49-58.33W	Q R	22		KRW on multi-pile structure.	Visible all around with higher intensity beam on rangeline.
		*					35/12
28715	ENTRANCE RANGE REAR LIGHT 550 yards, 227° from front light.	21-29-33.25N 157-50-11.36W	Iso R 6s	55		KRW on multi-pile structure. 55.	Visible 4° each side of rangeline.
		*					35/12
28720	KUALOA POINT RANGE REAR LIGHT 235 yards, 349.5° from front light.	21-29-51.34N 157-50-00.00W	Iso R 6s	38	12	KRW on multi-pile structure.	Visible 4° each side of rangeline.
		*					35/12
28810	- RANGE FRONT LIGHT	21-26-05.27N 157-48-18.26W	Q R	38		KRW on post. 27	Visible 4° each side of rangeline.
		*					35/12
28815	- RANGE REAR LIGHT 475 yards, 217.2° from front light.	21-25-53.86N 157-48-27.52W	Iso R 6s	80	15	KRW on post. 40	Visible 4° each side of rangeline.
		*					35/12
29185	- ENTRANCE CHANNEL RANGE FRONT LIGHT	21-18-19.08N 157-51-55.70W	F R	45		KRW on concrete structure. 34	Visible 4° each side of rangeline. Lighted throughout 24 hours.
		*					35/12
29190	- ENTRANCE CHANNEL RANGE REAR LIGHT 164 yards, 028° from front light.	21-18-23.41N 157-51-53.24W	F R	60		KRW on single pile mast.	Visible 4° each side of rangeline. Lighted thoughout 24 hours.
		*					35/12
29245	- RANGE FRONT LIGHT	21-18-32.66N 157-53-42.99W	Q G	36		KRW on skeleton tower.	Visible 4° each side of rangeline.
		*					35/12
29250	- RANGE REAR LIGHT 677 yards, 007° from front light.	21-18-52.54N 157-53-40.31W	Iso G 6s	68		KRW on skeleton tower.62	Visible 4° each side of rangeline.
		*					35/12
29380	- ENTRANCE RANGE FRONT LIGHT	21-19-36.47N 157-58-15.76W	Q R	51		KRW on post.	Visible 4° on either side of rangeline. Operates during periods of darkness only.
		*					35/12
29385	- ENTRANCE RANGE REAR LIGHT 750 yards, 333.6° from front light.	21-19-56.09N 157-58-26.14W	Oc R 4s	97		KRW on skeleton tower.	Visible 4° each side of rangeline. Operates during periods of darkness only.
		*					35/12

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, 2012

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks	
29510	- ENTRANCE RANGE FRONT LIGHT	21-21-07.22N 157-59-00.00W	Q G	32		KRW on skeleton tower.	Visible 4° each side of rangeline.	
		*						35/12
29515	- ENTRANCE RANGE REAR LIGHT 300 yards, 323° from front light.	21-21-14.38N 157-59-05.24W	Iso G 6s	47		KRW on skeleton tower.	Visible 4° each side of rangeline.	
		*						35/12
29680	- RANGE FRONT LIGHT	21-26-55.67N 158-11-46.75W	Q R	20		KRW on post. 11		
		*						35/12
29685	- RANGE REAR LIGHT 78 yards, 003° from front light.	21-26-57.98N 158-11-46.61W	Iso R 6s	27	5	KRW on post. 18		
		*						35/12
29700	- RANGE FRONT LIGHT	21-35-43.10N 158-06-11.64W	F G	24	13	KRW on post. 18	Visible 4° each side of rangeline.	
		*						35/12
29705	- RANGE REAR LIGHT 305 yards, 129° from front light.	21-35-37.76N 158-06-04.56W	F G	46		KRW on post.	Visible 4° each side of rangeline.	
		*						35/12
29760	- RANGE FRONT LIGHT	21-57-22.96N 159-21-08.78W	F R	45		KRW on post. 35	Visible 4° each side of rangeline.	
		*						35/12
29765	- RANGE REAR LIGHT 181 yards, 289.4° from front light.	21-57-24.75N 159-21-14.24W	F R	68		KRW on building. 62	Visible 4° each side of rangeline.	
		*						35/12
30665	- RANGE FRONT LIGHT	13-28-44.38N 144-45-06.62E	Q R	19		KRW on post. 14	Visible 4° each side of rangeline.	
		*						35/12
30670	- RANGE REAR LIGHT 133 yards, 186.5° from front light.	13-28-41.18N 144-45-06.23E	Iso R 6s	37		KRW on post. 30	Visible 4° each side of rangeline.	
		*						35/12
30700	- ENTRANCE RANGE FRONT LIGHT	13-27-23.28N 144-40-00.00E	Q Y	35		KRW on post.	Visible 4° each side of rangeline.	
		*						35/12
30705	- ENTRANCE RANGE REAR LIGHT 700 yards, 083° from front light.	13-27-25.45N 144-40-19.73E	Iso Y 6s	65		KRW on skeleton tower. 60	Visible 4° each side of rangeline.	
		*						35/12
30790	POLARIS POINT RANGE FRONT LIGHT	13-26-32.33N 144-40-01.90E	Q R	15	11	KRW on post.	Visible 4° each side of rangeline.	
		*						35/12
30795	POLARIS POINT RANGE REAR LIGHT 420 feet, 141° from front light.	13-26-29.10N 144-40-04.57E	Iso R 6s	24		KRW on post.	Visible 4° each side of rangeline.	
		*						35/12
30800	- RANGE FRONT LIGHT	13-25-06.53N 144-40-01.74E	Q G	38		KRW on post.	Visible 4° each side of rangeline.	
		*						35/12

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, 2012

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks	
30805	- RANGE REAR LIGHT 200 yards, 176° from front light.	13-25-00.94N 144-40-02.09W	Iso G 6s	55		KRW on post.	Visible 4° each side of rangeline.	
		*						35/12
30845	- RANGE FRONT LIGHT	14-08-11.85N 145-08-05.94E	Q G	33		KRW on post. 25		
		*						35/12
30850	- RANGE REAR LIGHT 41 yards, 118° from front light.	14-08-11.43N 145-08-06.76E	Iso G 6s	46		KRW on post. 35		
		*						35/12
30875	- RANGE FRONT LIGHT	15-13-45.59N 145-44-25.59E	Q G	50		KRW on skeleton tower.	Visible 4° each side of rangeline.	
		*						35/12
30880	- RANGE REAR LIGHT 1,100 yards, 088.4° from front light.	15-13-46.52N 145-44-58.82W	Iso G 6s	97		KRW on skeleton tower.	Visible 4° each side of rangeline.	
		*						35/12

CORRECTIONS TO C. G. LIGHT LIST, VOLUME VII GREAT LAKES AND THE ST. LAWRENCE RIVER ABOVE THE ST. REGIS RIVER, 2012

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks	
*4252	*MAST Lighted Mooring Buoy "Dundee"*	41-41-19.80N 81-50-38.04W	Q W				Private aid.	
								35/12
*4262	*MAST Lighted Mooring Buoy "Sand Merchant"*	41-34-25.68N 81-57-31.44W	Q W				Private aid.	
								35/12
*4263	*MAST Lighted Mooring Buoy "Craftsman"*	41-31-56.54N 82-00-22.50W	Q W				Private aid.	
								35/12
*4400	*MAST Lighted Mooring Buoy "Morning Star"*	41-36-48.78N 82-12-31.86W	Q W				Private aid.	
								35/12
	***Delete Heading: Harbor Village Marina**							
	***Delete Note:** *Lights maintained from May 1 to Nov. 30.*							
18466	- ENTRANCE LIGHT 1						*Remove from list.*	
							*	35/12
18466.1	- ENTRANCE LIGHT 2						*Remove from list.*	
							*	35/12
18466.2	- ENTRANCE LIGHT 3						*Remove from list.*	
							*	35/12
18466.3	- ENTRANCE LIGHT 4						*Remove from list.*	
							*	35/12
18466.4	- ENTRANCE LIGHT 6						*Remove from list.*	
							*	35/12

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 110, LIST OF LIGHTS, 2012 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks	
16861 *J 6275.4*	- -E31.						*Remove from list.*	
							*	35/12
16862 *J 6275.6*	- -E32.						*Remove from list.*	
							*	35/12
16863 *J 6275.8*	- -E33.						*Remove from list.*	
							*	35/12
16864 *J 6276*	- -E34.						*Remove from list.*	
							*	35/12
16865 *J 6276.3*	- -T35.						*Remove from list.*	
							*	35/12
16866 *J 6276.5*	- -T36.						*Remove from list.*	
							*	35/12
16867 *J 6276.6*	- -T37.						*Remove from list.*	
							*	35/12
16868 *J 6277*	- -T38.						*Remove from list.*	
							*	35/12
16869 *J 6277.3*	- -T39.						*Remove from list.*	
							*	35/12
16870 *J 6277.6*	- -T40.						*Remove from list.*	
							*	35/12
16871 *J 6278*	- -T41.						*Remove from list.*	
							*	35/12
16871.1 *J 6278.2*	- -T42.						*Remove from list.*	
							*	35/12
16871.11 *J 6278.4*	- -T43.						*Remove from list.*	
							*	35/12

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 110, LIST OF LIGHTS, 2012 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks	
16871.12 *J 6278.5*	- -T44.						*Remove from list.*	
							*	35/12

CORRECTIONS TO PUB 112, LIST OF LIGHTS, 2011 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks	
30268 *E 8165*	**-Belayim Oilfield,** platform D10.	28° 37.2′ N 33° 06.7′ E	**Q.(9)W.** period 15s	75 **23**	**15**	Platform.		
	-RACON		**O(– – –)**				(3 & 10cm)	
*		*	*			*		35/12
30336 *E 8215*	-Platform SG 300.	28° 18.6′ N 33° 09.1′ E	**Mo.(U)W.** period 15s		5	Platform.		
	-RACON		**B(– • • •)** period 72s		**15**			
	*		*		*	*		35/12
30360 *E 8262*	-Platform J-62.	28° 14.4′ N 33° 16.9′ E	**Mo.(U)W.**			Platform.		
	-RACON		**N(– •)** period 72s		**15**			
	*		*			*		35/12
30405 *E 6036.2*	Saghira, N.	27° 34.1′ N 33° 50.3′ E	**Fl.(2)R.** period 5s	30 **9**		Red round fiberglass tower; 16.		
					*	*		35/12
30405.5 *E 6036.4*	Tawila Island.	27° 34.8′ N 33° 48.1′ E	**Fl.(2)G.** period 5s	36 **11**	8	Green round fiberglass tower; 16.		
					*	*		35/12
30406.2 *E 6037.2*	Sha'b el Irq, Melana.	27° 25.3′ N 33° 52.1′ E	**Q.(3)W.** period 10s	30 **9**		E. CARDINAL BYB, beacon, topmark; 16.		
		*			*			35/12
30406.4 *E 6037.3*	-E.	27° 23.9′ N 33° 52.9′ E	**V.Q.(3)W.** period 5s	30 **9**		E. CARDINAL BYB, beacon, topmark; 16.		
					*			35/12

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 35/12

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

Publication	Ed.	Notice to Mariners No.
NGA/DLIS CATALOGS CATCDLIMDIS		
Region 1	2005	11*,12,13,14,15,16,18,21,22,23,24,25,26,27,28,29,31,32,33,34,35,36,38,39,40,41,42,43,45,46,47,48,49,50,51,53/05;2,3,4,5,6,8,9,10,11,12,14,15,16,17,19,20,21,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,45,46,48,49,50,51,52/06;1,3,4,6,7,8,10,11,12,13,14,17,19,20,22,23,24,25,26,30,31,32,33,34,36,37,38,40,41,43,44,45,46,47,49,50,51,52/07;1,5,6,7,8,11,12,13,15,16,17,18,19,20,21,22,23,24,25,27,28,30,31,32,33,34,36,38,39,40,41,42,43,44,46,47,48,50,51/08;1,3,6,7,8,9,10,11,13,14,15,17,19,22,23,24,25,26,27,28,29,30,31,32,34,35,37,39,40,41,42,44,46,47,48,52/09;1,3,4,5,9,10,11,12,15,17,18,19,23,24,26,27,28,31,32,34,35,37,38,40,41,43,44,46,48,51,52/10;2,3,4,8,10,11,13,14,15,16,17,18,19,20,21,22,23,27,28,31,32,33,34,35,36,40,41,43,44,45,47,48,49,50,51,52,53/11;2,3,4,6,7,8,10,11,14,16,18,22,23,25,27,29,31,32,33,34,35/12
Region 2	2005	11*,25,41/05;8,12,13,14,20,23,25,26,27,29,31,37,39,42/06;3,10,12,13,21,24,32,34,51/07;21,31,34,45,48,49/08;1,3,7,23,25,30,31,39,41,48,50/09;6,8,10,11,16,17,19,24,26,27,28,30,32,35,37,38,40,43,46,47,49/10;7,8,9,10,14,15,18,19,21,23,26,27,29,34,35,41,45,49,51,53/11;3,4,6,7,8,10,16,17,21,22,25,26,34/12
Region 3	2005	11*,12,13,14,16,17,19,23,24,25,27,31,32,34,35,37,40,45,46,47,51/05;4,5,8,12,15,17,18,20,21,22,23,25,26,27,29,30,32,40,42,43,47,52/06;2,3,4,5,6,7,9,11,12,13,14,20,21,24,27,28,29,30,37,38,42,44/07;6,7,8,10,16,21,25,26,27,31,32,33,36,37,38,46,49,52/08;4,5,16,20,22,25,33,34,39,40,41,42,43/09;6,7,12,13,18,22,26,31,37,39,46/10;14,18,21,26,29,32,34,37,38,40,43,44,53/11;1,2,3,4,5,6,13,21,24,26,29,30,31,34/12
Region 4	2005	11/05*;20,43/07;17,20,25,43,45/08;5,26,29,35,39,42,43,44,45,49/09;5,11,12,18,19,27,30,32,44,49/10;7,8,9,11,15,16,17,18,21,23,27,34,42,44,45,48/11;4,5,8,20,21,34/12
Region 5	2005	11*,14,18,20,22,23,28,36,41,43,45,49/05;4,5,7,9,10,12,14,27,32,45/06;3,20,23,25,28,30,31,41/07;8,13,17,20,22,25,29,31,33,36,38,40,51/08;1,5,6,7,8,9,10,11,12,16,18,19,24,25,30,31,38,39,41,44,48,50/09;5,10,11,16,17,18,22,26,27,28,32,37,38,39,46/10;9,10,14,15,17,20,21,22,28,34,42,43,44,53/11;6,16,21,22,24,25,29,31,33,34/12
Region 6	2005	11*,18,23,28,43,46,52/05;5,7,10,12,14,16,25,30,35,36,40,41,42,43,45,50/06;3,6,7,10,12,20,28,30,35,39,41,42,50/07;3,7,8,11,13,15,20,22,32,34,37,43,45,46/08;7,8,14,16,18,23,38,41,48/09;10,19,28,32,46/10;9,10,11,37/11;1,11,17,20,21,22,26,29,32,33,34/12
Region 7	2005	11*,14,43,47,52/05;12,14,15,17,18,19,20,21,25,27,35,42,45,46,47,48,49,52/06;3,4,8,9,10,11,12,13,14,15,16,17,18,19,20,23,30,34,35,36,39,42,50/07;1,7,10,16,17,20,22,25,26,37,42,43,48/08;1,8,10,11,12,13,14,20,22,41,43/09;17,22,36,39,41,42,44,45,46,47,49/10;9,17,34,35,52/11;4,6,22/12
Region 8	2005	11*,23,53/05;15,16,25,32,35,39,52/06;10,20,23,39,40,41/07;8,21,36,39,49,51/08;5,7,14/09;19,22,24,32,37,42,49/10;27/11
Region 9	2005	11*,43,47,52/05;2,4,5,8,21,22,25,27,29,32,39,40,42,45/06;3,4,7,10,13,21,22,28,29,34,38,40,41,50/07;3,7,8,10,17,19,20,24,25,32,33,34,36,38,43,45,48,49/08;1,5,8,9,10,13,14,18,24,25,30,33,34,35,39,43,44,48,50/09;5,10,12,19,32,38,44,46/10;9,10,11,12,18,21,22,33,34,44,45,46,48,49,50,51,52,53/11;1,3,4,5,6,8,9,10,12,13,14,16,17,20,21,22,26,27,29,33,34/12
Miscellaneous Charts and Publications	2005	11*,12,13,14,15,16,18,19,20,21,22,24,25,27,28,29,31,32,33,35,36,37,38,39,41,42,43,44,46,47,48,50,52,53/05;1,3,4,5,6,7,9,10,11,13,14,15,16,17,18,19,20,22,23,24,25,26,27,28,29,30,31,32,35,36,39,40,41,42,44,45,46,49,50,51,52/06;1,3,4,6,7,10,13,17,18,19,21,22,24,26,27,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52/07;1,2,3,4,6,7,8,9,10,11,12,13,14,16,17,18,19,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,44,45,46,47,48,52/08;1,2,3,4,6,7,8,9,10,11,12,13,17,18,19,20,22,24,25,26,27,28,29,30,31,32,34,35,36,37,38,39,40,41,42,43,45,46,47,48,49,50,51,52/09;2,3,4,5,6,7,8,9,10,11,12,13,14,15,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,35,36,37,38,39,40,41,42,43,44,45,46,47,48,50/10;3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,29,30,31,32,33,34,35,36,38,39,40,41,42,43,44,45,46,47,48,50,51,52,53/11;2,3,4,5,6,7,10,12,13,14,16,17,18,19,20,21,22,23,24,25,26,27,29,30,31,32,33,34,35/12
NGA LIST OF LIGHTS		
PUB 110	2012	20*,22,23,24,25,26,28,29,30,33,35/12
PUB 111	2012	34/12*
PUB 112	2011	48*,50,51,52,53/11;1,2,3,4,5,6,7,8,9,10,11,12,13,14,17,18,19,20,21,22,24,25,26,27,30,34,35/12
PUB 113	2011	44*,46,47,48,49,50,51,52,53/11;2,3,4,6,7,8,9,11,12,13,14,16,17,19,20,21,23,24,25,26,27,28,29,31,32,34/12
PUB 114	2012	26*,32,33/12
PUB 115	2011	39*,45,47,48,50,51,52,53/11;2,3,6,7,8,9,11,12,13,14,15,22,26,27,32/12
PUB 116	2012	31*,33/12
SAILING DIRECTIONS		
PUB 120	2012	19/12*
PUB 123	2011	15/11*
PUB 124	2010	25/10*
PUB 125	2012	25/12*
PUB 126	2010	42/10*
PUB 127	2010	46/10*
PUB 131	2011	26/11*
PUB 132	2011	9/11*
PUB 140	2012	5/12*
PUB 141	2010	28/10*
PUB 142	2011	46/11*
PUB 143	2011	33/11*

PUBLICATIONS AFFECTED BY NOTICE TO MARINERS
THROUGH NM 35/12

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

Publication	Ed.	Notice to Mariners No.
PUB 145	2012	17/12*
PUB 146	2011	21/11*
PUB 147	2011	30/11*
PUB 148	2011	12/11*
PUB 153	2011	36/11*
PUB 154	2012	53/11*
PUB 155	2011	32/11*
PUB 157	2012	12/12*
PUB 158	2012	21/12*
PUB 159	2011	22/11*
PUB 160	2012	17/12*
PUB 161	2011	10/11*
PUB 162	2011	33/11*
PUB 163	2011	35/11*
PUB 164	2011	43/11*
PUB 171	2010	17/10*
PUB 172	2012	24/12*
PUB 173	2011	21/11*
PUB 174	2010	40/10*
PUB 175	2010	32/10*
PUB 180	2011	20/11*
PUB 181	2010	46/10*
PUB 182	2011	42/11*
PUB 183	2011	22/11*
PUB 191	2010	43/10*
PUB 192	2010	19/10*
PUB 193	2010	37/10*
PUB 194	2010	50/10*
PUB 195	2011	20/11*
PUB 200	2011	13/11*
USCG LIGHT LIST VOLUMES I - VII		
VOLUME I	2012	16*,17,18,19,20,21, 22,23,24,25,26,27, 28,29,30,31,32,33, 34,35/12
VOLUME II	2012	16*,17,18,19,20,21, 22,23,24,25,26,27, 28,29,30,31,32,33, 34,35/12
VOLUME III	2012	14*,15,16,17,18,19, 20,21,22,23,24,25, 26,27,28,29,30,31, 32,33,34,35/12
VOLUME IV	2012	16*,17,19,21,22,23, 24,25,26,27,28,29, 31,32,33,34,35/12
VOLUME V	2012	14/12*
VOLUME VI	2012	14*,15,16,17,18,19, 20,21,22,23,24,25, 26,27,28,29,30,31, 32,33,34,35/12
VOLUME VII	2012	14*,15,16,17,18,19, 20,21,22,24,25,26, 27,28,29,30,31,32, 33,34,35/12
DIGITAL PUBS - QUARTERLY		
DIGITAL PUBS - QUARTERLY	2012	N30/12*
FLEET GUIDES		
PUB 940	2011	N51/11*
PUB 941	2011	N51/11*
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	2013	33/12*
NAUTICAL ALMANAC	2013	34/12*
COAST PILOT		
COAST PILOT 1	42	17*,28,33,35/12
COAST PILOT 2	41	50/11*;5,11,23,25, 26,27,31,33,35/12
COAST PILOT 3	45	6*,7,12,16,24,31, 33/12
COAST PILOT 4	43	44*,47/11;1,5,11,20, 24,27,28,31,33,34, 35/12
COAST PILOT 5	40	27*,33/12
COAST PILOT 6	42	10*,18,20,25,30,34, 35/12
COAST PILOT 7	44	53/11*;1,7,8,11,13, 16,18,19,20,24, 26/12
COAST PILOT 8	34	30*,34,35/12
COAST PILOT 9	30	35/12*
RADIO NAVIGATIONAL AIDS		
PUB 117	2005	4/05*;9,25/12
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	2011	12/11*
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	2011	N51/11*
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		
COMDTINSTM166722 D	1999	44/99*;52/00;16/04
NOS TIDE TABLES		
W PACIFIC/INDIAN OCEAN	2012	N47/11*;N4/12
WEST ATLANTIC	2012	N47/11*
EUROPE/WEST AFRICA	2012	N47/11*
EAST PACIFIC	2012	N47/11*
TIDAL CURRENT TABLES		
ATLANTIC	2012	N47/11*
PACIFIC	2012	N47/11*

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 231400Z August 2012:

2011 series	40(28)	416(24)	456(GEN)	465(GEN)
385(28)	272(28)	427(24)	460(24,25)	466(51)
404(GEN)	283(24)	441(24)	461(GEN)	467(GEN)
2012 series	286(GEN)	452(14,15)	463(51)	468(25)

The summary of all NAVAREA IV messages in force as of 22 December 2011 is given in Section III of NM 53/11. Warnings issued during the subsequent quarters are issued in NM 13/12 and 26/12.

NAVAREA IV WARNINGS issued from 161400Z to 231400Z August 2012.

452/12(14,15).
WESTERN NORTH ATLANTIC.
LABRADOR SEA.
SEISMIC SURVEY IN PROGRESS UNTIL
FURTHER NOTICE BY M/V SANCO SPIRIT
TOWING 8000 METER LONG CABLE
IN AREA BOUND BY
57-00N 058-00W, 57-00N 049-00W,
50-00N 049-00W, 52-00N 054-00W.
WIDE BERTH REQUESTED.

(161512Z AUG 2012)

453/12 thru 455/12. CANCELED.

456/12(GEN).
1. NAVAREA IV WARNINGS IN FORCE 180900Z AUG 12. ONLY THOSE WARNINGS ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN. 2012 SERIES: 416(24), 427(24), 441(24), 445(24), 452(14,15), 455(GEN).
2. THE SUMMARY OF ALL NAVAREA IV WARNINGS IN FORCE AS OF 22 DEC 2011 IS GIVEN IN SEC III OF NM 53/11. WARNINGS ISSUED DURING THE SUBSEQUENT QUARTERS ARE SUMMARIZED IN NM 13/12 AND 26/12.
3. CANCEL NAVAREA IV 437/12, 453/12.

(181010Z AUG 2012)

457/12 thru 459/12. CANCELED.

460/12(24,25).
WESTERN NORTH ATLANTIC.
TRINIDAD AND TOBAGO.
CHART 24028
CURRENT METER ESTABLISHED IN 11-32.88N 059-36.85W.

(200942Z AUG 2012)

461/12(GEN).
NORTH ATLANTIC.
ROCKETS.
1. HAZARDOUS OPERATIONS 240807Z TO 240927Z AUG, ALTERNATE 250807Z TO 250927Z AND 260807Z TO 260927Z AUG IN AREAS BOUND BY:
A. 28-37-00.0N 080-36-00.0W, 28-37-00.0N 080-32-00.0W, 28-30-00.0N 080-15-00.0W, 28-29-00.0N 080-15-00.0W, 28-29-00.0N 080-17-00.0W, 28-33-00.0N 080-34-00.0W.
B. 23-24-00.0N 060-01-00.0W, 22-27-00.0N 057-30-00.0W, 21-58-00.0N 057-12-00.0W, 21-37-00.0N 057-22-00.0W, 21-37-00.0N 057-52-00.0W, 22-34-00.0N 060-22-00.0W.
C. 02-02-15.7N 026-42-21.2W, 00-48-17.3N 016-20-04.6W, 06-27-19.8N 015-44-33.4W, 07-39-45.7N 026-11-28.3W.
2. CANCEL NAVAREA IV 458/12.
3. CANCEL THIS MSG 261027Z AUG 12.

(201628Z AUG 2012)

462/12. CANCELED.

463/12(51).
NORTH ATLANTIC.
1. OCEANOGRAPHIC OPERATIONS 22 AND 23 AUG
BY M/V THALASSA IN AREA BETWEEN
25-00N 27-00N AND 035-00W 037-00W
2. CANCEL THIS MSG 24 AUG 12.

(211533Z AUG 2012)

464/12. CANCELED.

465/12(GEN).
WESTERN NORTH ATLANTIC.
MASSACHUSETTS.
RADIO SERVICES.
1. U.S. COAST GUARD STATION BOSTON TRANSMITTERS OFF AIR
231300Z TO 231700Z AUG. BOSTON BROADCASTS WILL BE
TRANSMITTED FROM U.S. COAST GUARD STATION CHESAPEAKE.
2. CANCEL THIS MSG 231800Z AUG 12.

(220757Z AUG 2012)

466/12(51).
NORTH ATLANTIC.
1. OCEANOGRAPHIC OPERATIONS 24 AND 25 AUG
BY M/V THALASSA IN AREA BETWEEN
25-00N 27-00N AND 035-00W 037-00W.
2. CANCEL THIS MSG 26 AUG 12.

(221435Z AUG 2012)

467/12(GEN).
NORTH AMERICAN ICE SERVICE (NAIS) ICEBERG BULLETIN
1. 230001Z AUG ICEBERG LIMIT:
54-00N 057-20W, 54-00N 052-00W, 55-00N 052-00W,
56-00N 052-45W, 60-00N 058-30W.
2. SEA ICE LIMIT:
62-50N 067-10W, 63-10N 066-50W.
3. REPORT POSITION AND TIME OF ANY ICEBERGS OR
STATIONARY RADAR TARGETS THAT MAY LIKELY BE
ICEBERGS TO THE NEAREST CANADIAN COAST GUARD
MARINE COMMUNICATIONS AND TRAFFIC SERVICE STATION
OR USING INMARSAT CODE 42.
4. CANCEL THIS MSG 240001Z AUG 12.

(222159Z AUG 2012)

468/12(25).
PUERTO RICO-NORTHWEST COAST.
CHART 25640
ISABELA DGPS STATION 18-28.0N 067-04.3W UNRELIABLE.

(230904Z AUG 2012)

HYDROLANTS

Messages in force 231400Z August 2012:

2008 series	2299(54)	1116(44)	1622(55)	1848(37)	1912(37)
1354(24)	2300(54)	1162(57)	1633(43)	1850(43)	1914(57)
1463(24)	2012 series	1174(56)	1646(43)	1852(27)	1917(54,56)
1852(37)	101(24)	1217(35,43)	1661(37)	1853(36,37)	1918(24,51,57)
2010 series	117(53)	1281(24)	1670(57,61)	1855(57)	1919(26,27)
845(24)	160(38)	1322(24)	1683(52,53)	1866(53)	1920(54)
2011 series	168(51)	1332(24)	1699(57)	1875(GEN)	1923(24)
483(24)	208(24)	1348(24)	1711(37)	1876(52,53)	1924(44)
881(56)	326(36)	1352(36)	1721(53)	1879(43)	1926(24)
1291(37)	336(24)	1365(24)	1731(11,26)	1881(GEN)	1928(52)
1314(52)	344(35)	1367(24)	1733(35,43)	1883(55)	1929(51)
1318(35)	356(37)	1378(24)	1752(37)	1884(51)	1931(53)
1331(37,43)	441(24)	1491(35)	1759(26)	1885(53)	1932(37)
1401(24)	536(51)	1502(35)	1768(43)	1886(25)	1933(24)
1617(43)	567(37)	1528(36)	1800(43)	1894(44)	1934(24)
1652(35)	572(37)	1551(37,43)	1801(37)	1899(56)	1935(24)
1681(24)	641(35,43)	1564(24)	1804(43)	1901(24)	1937(23,29)
1879(24)	645(52)	1569(43)	1812(37)	1902(24)	1940(24)
1880(GEN)	751(37)	1583(GEN)	1813(27)	1903(24)	1941(57)
1966(37)	847(24)	1589(57)	1815(24)	1904(24)	1942(24)
2296(54)	897(35)	1597(24)	1828(36)	1906(GEN)	1943(24)
2297(54)	976(24)	1598(24)	1829(25)	1908(24)	1944(55)
2298(54)	1027(51)	1607(37)	1835(57)	1909(37)	

The summary of all HYDROLANTS in force as of 22 December 2011 is given in Section III of NM 53/11. Warnings issued during the subsequent quarters are issued in NM 13/12 and 26/12.

HYDROLANT WARNINGS issued from 161400Z to 231400Z August 2012.

1883/12(55).
BLACK SEA.
GEORGIA.
CHART 55170
NAVIGATION PROHIBITED IN AREA BOUND BY
43-23.08N 040-00.36E, 43-14.42N 039-48.54E,
43-12.02N 040-00.24E, 43-05.42N 040-04.24E,
43-02.00N 040-09.00E, 42-59.06N 040-14.48E,
42-58.06N 040-23.36E, 42-55.30N 040-28.48E,
42-54.36N 040-35.12E, 42-54.00N 040-43.48E,
42-52.24N 040-46.00E, 42-49.00N 040-51.30E,
42-43.24N 040-55.00E, 42-39.24N 040-59.36E,
42-37.24N 041-05.24E, 42-36.24N 041-13.00E,
42-35.24N 041-15.18E, 42-31.06N 041-17.00E,
42-23.07N 041-18.23E, 42-24.30N 041-33.23E.

(161609Z AUG 2012)

1884/12(51).
EASTERN NORTH ATLANTIC.
1. UNDERWATER OPERATIONS IN PROGRESS UNTIL 12 SEP
BY M/V THALASSA ALONG TRACKLINE BETWEEN
27-36N 016-00W AND 26-00N 035-00W.
WIDE BERTH REQUESTED.
2. CANCEL THIS MSG 13 SEP 12.

(161633Z AUG 2012)

1885/12(53).
TYRRHENIAN SEA.
MAN OVERBOARD VICINITY OF TRACKLINE BETWEEN
41-55N 009-28E AND 40-56N 011-02E. VESSELS IN
VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,
ASSIST IF POSSIBLE. REPORTS TO MRCC LA GARDE,
TELEX: 430 024MF, PHONE: 334 9461 1616,
FAX: 334 9427 1149, E-MAIL: LAGARDE@MRCCFR.EU.

(161712Z AUG 2012)

1886/12(25).
WESTERN NORTH ATLANTIC.
DISTRESS SIGNAL RECEIVED ON 406 MHZ FROM AIRCRAFT
IN 23-51.4N 057-15.8W. VESSELS IN VICINITY
REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST
IF POSSIBLE. REPORTS TO U.S. COAST GUARD SAN JUAN,
PHONE: 787 289 2041.

(162114Z AUG 2012)

1887/12 thru 1893/12. CANCELED.

1894/12(44).
EASTERN BALTIC SEA.
LITHUANIA.
HAZARDOUS OPERATIONS.
1. HAZARDOUS OPERATIONS 220500Z TO 242100Z AUG
IN AREA BETWEEN
55-42.5N 55-36.0N AND 020-45.0E 020-35.0E.
2. CANCEL HYDROLANT 1893/12(37), AID RESTORED.
3. CANCEL THIS MSG 242200Z AUG 12.

(171355Z AUG 2012)

1895/12 thru 1898/12. CANCELED.

1899/12(56).
EASTERN MEDITERRANEAN SEA.
EGYPT.
1. SEISMIC SURVEY IN PROGRESS UNTIL 10 SEP
BY M/V PACIFIC EXPLORER TOWING SIX
8400 METER LONG CABLES IN AREA BETWEEN
31-35N 31-51N AND 031-32E 032-20E.
FIVE MILE BERTH REQUESTED.
2. CANCEL HYDROLANT 1833/12.
3. CANCEL THIS MSG 11 SEP 12.

(180043Z AUG 2012)

1900/12. CANCELED.

1901/12(24).
BRAZIL-SOUTH COAST.
1. SEISMIC SURVEY 180300Z TO 250259Z AUG BY
M/V NPS WG COOK TOWING 12 FIVE MILE
LONG CABLES IN AREA BOUND BY
25-42S 044-02W, 25-06S 043-37W,
26-03S 041-57W, 26-39S 042-22W.
SIX MILE BERTH REQUESTED.
2. CANCEL THIS MSG 250359Z AUG 12.

(180122Z AUG 2012)

1902/12(24).
BRAZIL-SOUTHEAST COAST.
1. SEISMIC SURVEY 180300Z TO 250259Z AUG BY
M/V NPS SANCO STAR AND M/V OCEAN EUROPE
TOWING 300 METER LONG CABLES IN AREA BOUND BY
22-17.48S 040-02.15W, 22-22.20S 039-54.33W,
22-31.47S 040-00.87W, 22-26.70S 040-08.57W.
SIX MILE BERTH REQUESTED.
2. CANCEL THIS MSG 250359Z AUG 12.

(180124Z AUG 2012)

1903/12(24).
BRAZIL-SOUTHEAST COAST.
1. SEISMIC SURVEY 180300Z TO 250259Z AUG BY
M/V NPS VERITAS VIKING TOWING EIGHT
3.5 MILE LONG CABLES IN AREA BOUND BY
23-44.82S 041-22.82W, 23-39.73S 041-09.20W,
24-30.38S 040-38.38W, 24-37.58S 040-52.43W.
SIX MILE BERTH REQUESTED.
2. CANCEL THIS MSG 250359Z AUG 12.

(180126Z AUG 2012)

1904/12(24).
BRAZIL-SOUTH COAST.
1. SEISMIC SURVEY IN PROGRESS UNTIL 24 AUG
BY M/V DISCOVERER IN AREA BOUND BY
35-00S 051-22W, 34-53S 051-34W,
31-23S 048-18W, 31-26S 048-11W,
29-51S 049-46W, 30-04S 049-57W,
35-00S 051-22W, 34-53S 051-34W,
31-23S 047-29W, 31-11S 047-20W,
31-23S 048-18W, 31-26S 048-11W.
FIVE MILE BERTH REQUESTED.
2. CANCEL THIS MSG 25 AUG 12.

(180129Z AUG 2012)

1905/12. CANCELED.

1906/12(GEN).
1. HYDROLANT WARNINGS IN FORCE 180900Z AUG 12. ONLY THOSE WARNINGS ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.
2012 SERIES: 1502(35), 1528(36), 1551(37,43), 1564(24), 1569(43), 1583(GEN), 1588(57), 1589(57), 1597(24), 1598(24), 1607(37), 1622(55), 1633(43), 1646(43), 1656(37), 1661(37), 1670(57,61), 1683(52,53), 1699(57), 1704(56), 1711(37), 1721(53), 1731(11,26), 1733(35,43), 1735(24), 1752(37), 1759(26), 1768(43), 1800(43), 1801(37), 1804(43), 1812(37), 1813(27), 1815(24), 1828(36), 1829(25), 1835(57), 1848(37), 1850(43), 1852(27), 1853(36,37), 1855(57), 1866(53), 1867(24), 1869(54,56), 1875(GEN), 1876(52,53), 1879(43), 1881(GEN), 1883(55), 1884(51), 1885(53), 1886(25), 1890(43), 1892(51), 1894(44), 1896(36), 1897(37), 1898(35), 1899(56), 1900(24), 1901(24), 1902(24), 1903(24), 1904(24), 1905(35,36).
2. THE SUMMARY OF ALL HYDROLANT WARNINGS IN FORCE AS OF 22 DEC 2011 IS GIVEN IN SEC III OF NM 53/11. WARNINGS ISSUED DURING THE SUBSEQUENT QUARTERS ARE SUMMARIZED IN NM 13/12 AND 26/12.
3. CANCEL HYDROLANT 1467/12, 1527/12, 1550/12, 1672/12, 1802/12, 1814/12, 1844/12, 1889/12.

(181013Z AUG 2012)

1907/12. CANCELED.

1908/12(24).
BRAZIL-NORTHEAST COAST.
CHART 24230
RADIOBEACON AND DGPS STATION AT PONTA DE CALCANHAR LIGHT 05-09.7S 035-29.1W OFF AIR.

(190104Z AUG 2012)

1909/12(37).
EASTERN NORTH ATLANTIC.
13 METER S/V GROCALIN DISABLED AND ADRIFT VICINITY 48-50N 006-33W AT 190030Z AUG. VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO MRCC CORSEN, PHONE: 332 9889 3131, E-MAIL: CORSEN@MRCCFR.EU.

(190124Z AUG 2012)

1910/12 and 1911/12. CANCELED.

1912/12(37).
SOUTHERN NORTH SEA.
CHART 37166
ALL NAVIGATIONAL AIDS AT PLATFORM 49/17-CD 53-25.3N 002-22.2E INOPERATIVE.

(190734Z AUG 2012)

1913/12. CANCELED.

1914/12(57).
EASTERN SOUTH ATLANTIC.
ANGOLA.
1. SURVEY OPERATIONS IN PROGRESS UNTIL 30 NOV BY M/V PGS APOLLO TOWING TEN CABLES IN AREA BETWEEN 10-00S 11-10S AND 011-20E 012-20E. SIX MILE BERTH REQUESTED.
2. CANCEL HYDROLANT 1588/12.
3. CANCEL THIS MSG 01 DEC 12.

(200950Z AUG 2012)

1915/12 and 1916/12. CANCELED.

1917/12(54,56).
EASTERN MEDITERRANEAN SEA.
HAZARDOUS OPERATIONS.
1. HAZARDOUS OPERATIONS 210130Z TO 210430Z, 211330Z TO 211630Z, 221330Z TO 221630Z AND 240730Z TO 241030Z AUG IN AREAS BOUND BY:
A. 34-25N 034-00E, 34-31N 034-10E, 34-25N 034-20E, 34-00N 034-08E, 34-10N 034-00E.
B. 34-23N 034-24E, 34-15N 034-36E, 34-00N 034-33E, 34-00N 034-14E.
2. CANCEL THIS MSG 241130Z AUG 12.

(201548Z AUG 2012)

1918/12(24,51,57).
EASTERN NORTH ATLANTIC.
ROCKETS.
1. HAZARDOUS OPERATIONS 241937Z TO 242103Z AUG, ALTERNATE
251937Z TO 252103Z AND 261937Z TO 262103Z AUG
IN AREA BOUND BY
02-02-15.7N 026-42-21.2W, 00-48-17.3N 016-20-04.6W,
06-27-19.8N 015-44-33.4W, 07-39-45.7N 026-11-28.3W.
2. CANCEL HYDROLANT 1913/12.
3. CANCEL THIS MSG 262203Z AUG 12.

(201642Z AUG 2012)

1919/12(26,27).
CARIBBEAN SEA.
CUBA-SOUTH COAST.
S/V, WHITE HULL, 20 PERSONS ON BOARD, UNREPORTED.
LAST KNOWN POSITION 20-06N 078-16W AT 190330Z AUG.
VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,
ASSIST IF POSSIBLE. REPORTS TO RCC MIAMI,
PHONE: 305 415 6800, E-MAIL: RCCMIAMI@USCG.MIL.

(201700Z AUG 2012)

1920/12(54).
ADRIATIC SEA.
CROATIA TO ITALY.
EIGHT METER M/V, WHITE HULL WITH BLUE STRIPE,
ONE PERSON ON BOARD, UNREPORTED
MURTER (43-48N 015-36E) TO ANCONA (43-37N 013-31E).
VESSELS IN VICINITY REQUESTED TO KEEP A SHARP
LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO MRCC ROME,
INMARSAT-C: 424744220, PHONE: 390 6592 4145,
3906 5908 4409, FAX: 390 6592 2737, 3906 5908 4793,
E-MAIL: CGCP3REP4@MIT.GOV.IT.

(201709Z AUG 2012)

1921/12 and 1922/12. CANCELED.

1923/12(24).
BRAZIL-NORTH COAST.
1. SEISMIC SURVEY BY M/V HAWK EXPLORER TOWING
5.4 MILE LONG CABLES:
A. IN PROGRESS ALONG TRACKLINE BETWEEN
05-48.78N 048-09.85W AND 04-44.38N 046-56.68W.
B. 22 AND 23 AUG ALONG TRACKLINE BETWEEN
05-45.70N 047-58.13W AND 04-48.27N 046-53.10W.
C. 24 AND 25 AUG ALONG TRACKLINE BETWEEN
05-42.62N 047-46.43W AND 04-52.35N 046-49.53W.
SEVEN MILE BERTH REQUESTED.
2. CANCEL HYDROLANT 1900/12
3. CANCEL THIS MSG 26 AUG 12.

(210922Z AUG 2012)

1924/12(44).
EASTERN BALTIC SEA.
LITHUANIA.
HAZARDOUS OPERATIONS.
1. HAZARDOUS OPERATIONS 230600Z TO 231300Z AUG,
0700Z TO 1300Z DAILY 27 AND 28 AUG
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 281400Z AUG 12.

(210926Z AUG 2012)

1925/12. CANCELED.

1926/12(24).
BRAZIL-EAST COAST.
1. DERELICT BARGE ADRIFT VICINITY 11-06.05S 036-04.12W
AT 202121Z AUG. REPORTS TO ANY COASTAL RADIO STATION.
2. CANCEL THIS MSG 240933Z AUG 12.

(210934Z AUG 2012)

1927/12. CANCELED.

1928/12(52).
WESTERN MEDITERRANEAN SEA.
1. OCEANOGRAPHIC OPERATIONS IN PROGRESS UNTIL 23 AUG
BY M/V URANIA ALONG TRACKLINE JOINING

37-15.2N 000-04.4E, 38-25.0N 005-15.0E,
38-39.3N 005-40.0E, 38-13.8N 008-39.6E.
2. CANCEL HYDROLANT 1925/12(24).
3. CANCEL THIS MSG 24 AUG 12.

(211155Z AUG 2012)

1929/12(51).
NORTH ATLANTIC.
1. OCEANOGRAPHIC OPERATIONS 22 AND 23 AUG
BY M/V THALASSA IN AREA BETWEEN
25-00N 27-00N AND 035-00W 037-00W.
2. CANCEL THIS MSG 24 AUG 12.

(211532Z AUG 2012)

1930/12. CANCELED.

1931/12(53).
WESTERN IONIAN SEA.
DISTRESS SIGNAL RECEIVED FROM 12 METER S/V OBSESSION
IN 36-29.0N 016-08.2E. VESSELS IN VICINITY REQUESTED
TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO MRCC ROME, INMARSAT-C: 424744220,
PHONE: 3 906 5908 4527, 3 906 5908 4409,
FAX: 390 6592 2737, 390 5908 4793,
E-MAIL: ITMRCC@MIT.GOV.IT, CGCP3REP4@MIT.GOV.IT.

(212258Z AUG 2012)

1932/12(37).
ENGLAND-SOUTH COAST.
CHART 37017
NAB LIGHT 50-40.1N 000-57.1W UNLIT,
RACON AND FOG SIGNAL INOPERATIVE.

(220044Z AUG 2012)

1933/12(24).
BRAZIL-EAST COAST.
1. SEISMIC SURVEY IN PROGRESS UNTIL 25 AUG BY
M/V HARRIER EXPLORER TOWING 6.5 MILE
LONG CABLES IN AREA BOUND BY
13-34.6S 038-35.5W, 13-00.8S 038-02.8W,
13-00.9S 036-16.6W, 13-31.8S 036-22.6W,
16-00.0S 036-19.5W, 16-00.4S 037-43.9W,
15-27.5S 038-15.3W, 14-44.9S 038-35.5W.
EIGHT MILE BERTH REQUESTED.
2. CANCEL THIS MSG 26 AUG 12.

(220059Z AUG 2012)

1934/12(24).
BRAZIL-SOUTH COAST.
HAZARDOUS OPERATIONS.
1. HAZARDOUS OPERATIONS 271500Z TO 272200Z AUG
IN AREA BOUND BY
23-57S 043-44W, 23-44S 043-18W,
24-04S 043-04W, 24-17S 043-30W.
2. CANCEL THIS MSG 272300Z AUG 12.

(220122Z AUG 2012)

1935/12(24).
BRAZIL-SOUTH COAST.
HAZARDOUS OPERATIONS.
1. HAZARDOUS OPERATIONS 272300Z TO 280300Z AUG
IN AREA BOUND BY
24-22S 044-09W, 24-06S 043-53W,
24-21S 043-34W, 24-38S 043-50W.
2. CANCEL THIS MSG 280400Z AUG 12.

(220125Z AUG 2012)

1936/12. CANCELED.

1937/12(23,29).
SOUTH ATLANTIC.
SCOTIA SEA.
ICE.
1. ICEBERGS REPORTED ON 21 AUG:
A. C19C, 53-20S 037-10W.
B. B15F, 57-32S 037-20W.
2. CANCEL THIS MSG 250841Z AUG 12.

(220842Z AUG 2012)

1938/12 and 1939/12. CANCELED.

1940/12(24).
BRAZIL-SOUTH COAST.
AIRCRAFT, TWO PERSONS ON BOARD, UNREPORTED
IN AREA BOUND BY
23-09.30S 043-22.01W, 23-00.37S 043-22.88W,
23-20.81S 044-34.48W.
VESSELS IN VICINITY REQUESTED TO KEEP
A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO ANY COASTAL RADIO STATION.

(221514Z AUG 2012)

1941/12(57).
GULF OF GUINEA.
GHANA.
100 METER M/V ANUKET EMERALD, WHITE HULL, UNREPORTED.
LAST KNOWN POSITION 05-04.8N 001-14.0E AT 181736Z AUG.
VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,
ASSIST IF POSSIBLE. REPORTS TO IMB PIRACY REPORTING CENTER,
PHONE: 603 2031 0014, FAX: 603 2078 5769,
E-MAIL: IMBKL@ICC-CCS.ORG, PIRACY@ICC-CCS.ORG.

(221559Z AUG 2012)

1942/12(24).
BRAZIL-EAST COAST.
HAZARDOUS OPERATIONS.
1. HAZARDOUS OPERATIONS 1500Z TO 2000Z DAILY
28 AND 29 AUG WITHIN TEN MILES OF
12-50S 037-30W.
2. CANCEL THIS MSG 292100Z AUG 12.

(222228Z AUG 2012)

1943/12(24).
BRAZIL-NORTH COAST.
1. SEISMIC SURVEY IN PROGRESS UNTIL 07 SEP BY
M/V POURQUOI PAS TOWING 5.4 MILE LONG CABLES
ALONG TRACKLINE JOINING
02-10S 040-06W, 00-00S 042-00W,
01-00S 040-47W, 01-31S 040-03W,
02-06S 042-25W, 00-19S 041-27W,
02-06S 042-25W, 01-31S 043-20W,
01-31S 040-03W, 00-19S 041-27W,
02-06S 042-25W.
SEVEN MILE BERTH REQUESTED.
2. CANCEL THIS MSG 08 SEP 12.

(230106Z AUG 2012)

1944/12(55).
BLACK SEA.
UKRAINE.
PIPELINE OPERATIONS IN PROGRESS UNTIL FURTHER NOTICE
BY BARGE GMC PRIDE ALONG TRACKLINE BETWEEN
45-22.2N 030-55.5E AND 45-42.3N 031-52.4E.
ONE MILE BERTH REQUESTED.

(230147Z AUG 2012)

NAVAREA XII

Messages in force 231400Z August 2012:

2011 series	2012 series	181(21)	200(17)	223(19,83)	227(21)
198(21)	110(97)	198(18)	205(GEN)	226(GEN)	

The summary of all NAVAREA XII messages in force as of 22 December 2011 is given in Section III of NM 53/11. Warnings issued during the subsequent quarters are issued in NM 13/12 and 26/12.

NAVAREA XII WARNINGS issued from 161400Z to 231400Z August 2012.

223/12(19,83).
EASTERN NORTH PACIFIC.
HAWAII.
GPS SATELLITE SYSTEM.
1. GPS JAMMING EXERCISES 0100Z TO 1400Z
DAILY 20 AUG THRU 09 SEP
WITHIN 438 MILES OF 22-19.2N 159-57.6W.
2. CANCEL THIS MSG 091500Z SEP 12.

(162034Z AUG 2012)

224/12 and 225/12. CANCELED.

226/12(GEN).
1. NAVAREA XII WARNINGS IN FORCE 180900Z AUG 12. ONLY THOSE WARNINGS ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.
2012 SERIES: 181(21), 198(18), 200(17), 205(GEN), 221(21), 222(22,83), 223(19,83).
2. THE SUMMARY OF ALL NAVAREA XII WARNINGS IN FORCE AS OF 22 DEC 2011 IS GIVEN IN SEC III OF NM 53/11. WARNINGS ISSUED DURING THE SUBSEQUENT QUARTERS ARE SUMMARIZED IN NM 13/12 AND 26/12.
3. CANCEL NAVAREA XII 216/12.

(181017Z AUG 2012)

227/12(21).
EASTERN NORTH PACIFIC.
BAJA CALIFORNIA.
MISSILES.
1. HAZARDOUS OPERATIONS 231700Z TO 232000Z AUG
IN AREA BOUND BY
30-55N 117-30W, 30-55N 116-40W,
29-55N 116-11W, 29-55N 118-25W,
30-48N 118-25W, 30-48N 117-30W.
2. CANCEL THIS MSG 232100Z AUG 12.

(182228Z AUG 2012)

228/12. CANCELED.

HYDROPACS

Messages in force 231400Z August 2012:

2010 series	1042(93)	1847(63)	2147(94)	2318(95)	2377(94)
1594(63)	1079(97)	1893(93)	2167(71)	2319(95)	2380(94)
2653(62)	1158(61)	1906(76)	2168(63)	2320(95)	2382(18)
2011 series	1222(97)	1972(91,94)	2174(63)	2321(97)	2384(94,97)
1561(56)	1357(91)	1975(GEN)	2176(93)	2326(83)	2386(83)
1701(63)	1377(94,95)	2002(91)	2198(GEN)	2333(61)	2387(71)
2286(71)	1456(62)	2020(61)	2207(63)	2334(62)	2389(94,97)
2555(62)	1518(93)	2029(71)	2220(61)	2348(94)	2390(61)
2812(71)	1554(96)	2039(62)	2233(74)	2349(93)	2394(23,29)
2877(96)	1555(96)	2084(93)	2239(61)	2350(97)	2397(71,72,74)
3480(96)	1578(93)	2095(73,74)	2265(93)	2353(95,96)	2398(95)
3539(95)	1593(96)	2103(57,61)	2270(76,83)	2357(GEN)	2399(95)
3552(96)	1611(63)	2118(63)	2280(22)	2360(22)	2400(95)
2012 series	1626(96)	2130(63)	2285(93)	2365(GEN)	2402(93)
7(62)	1734(GEN)	2133(94)	2296(61)	2366(76,83)	2403(93)
166(62)	1780(91,94)	2135(97)	2307(18)	2372(63)	2404(71)
354(93)	1818(96)	2144(94)	2315(76)	2374(94,97)	2405(62)
408(94)	1824(76)	2146(94)	2316(63)	2375(74)	2406(83)

The summary of all HYDROPACS in force as of 22 December 2011 is given in Section III of NM 53/11. Warnings issued during the subsequent quarters are issued in NM 13/12 and 26/12.

HYDROPAC WARNINGS issued from 161400Z to 231400Z August 2012.

2334/12(62).
RED SEA.
PIRACY.
CURRENT FAVORABLE WEATHER CONDITIONS AND
RECENT SUSPICIOUS ACTIVITY INDICATES THE
POSSIBLE PRESENCE OF PIRATES IN THE RED SEA.
EXTREME CAUTION ADVISED.

(162043Z AUG 2012)

2335/12 thru 2347/12. CANCELED.

2348/12(94).
YELLOW SEA.
1. SURVEY OPERATIONS IN PROGRESS UNTIL 30 SEP
BY M/V TOWING 8500 METER LONG CABLE
IN AREA BOUND BY
34-13-04N 120-19-33E, 34-50-34N 121-56-11E,
34-18-42N 122-11-34E, 33-45-00N 120-55-00E.
2. CANCEL HYDROPAC 2340/12(74,75).
3. CANCEL THIS MSG 01 OCT 12.

(171129Z AUG 2012)

2349/12(93).
GULF OF TONKIN.
F/V QB 92760 DISABLED AND ADRIFT IN 18-47N 107-17E.
VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,
ASSIST IF POSSIBLE. REPORTS TO MRCC HAIPHONG.

(171139Z AUG 2012)

2350/12(97).
WESTERN NORTH PACIFIC.
JAPAN.
NANSEI SHOTO.
1. UNDERWATER OPERATIONS 21 AUG THRU 15 SEP,
ALTERNATE 16 THRU 20 SEP BY
CABLESHIP DECISIVE IN AREAS:
A. BOUND BY
24-38.8N 129-14.3E, 26-10.5N 129-06.7E,
26-42.6N 130-16.2E, 26-46.2N 132-48.5E,
26-16.3N 133-02.0E, 25-44.1N 131-11.7E.
B. BETWEEN
27-00.0N 28-30.0N AND 133-45.6E 134-35.2E.
2. CANCEL HYDROPAC 2343/12(93), VESSEL ASSISTED.
3. CANCEL THIS MSG 21 SEP 12.

(171318Z AUG 2012)

2351/12 and 2352/12. CANCELED.

2353/12(95,96).
SEA OF JAPAN.
GUNNERY. MISSILES.
1. HAZARDOUS OPERATIONS 2300Z TO 0900Z COMMENCING
DAILY 20 THRU 22 AUG IN AREA BOUND BY
40-30N 135-56E, 41-28N 132-20E,
41-40N 132-20E, 42-00N 133-12E,
42-35N 133-41E, 42-27N 134-15E,
43-19N 136-00E, 42-08N 136-30E,
41-22N 136-34E.
2. CANCEL THIS MSG 231000Z AUG 12.

(172128Z AUG 2012)

2354/12 thru 2356/12. CANCELED.

2357/12(GEN).
1. HYDROPAC WARNINGS IN FORCE 180900Z AUG 12. ONLY THOSE
WARNINGS ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.
2012 SERIES: 1972(91,94), 1975(GEN), 2002(91), 2020(61),
2029(71), 2039(62), 2053(93), 2084(93), 2095(73,74),
2103(57,61), 2118(63), 2130(63), 2133(94), 2135(97),
2139(63), 2140(63), 2144(94), 2146(94), 2147(94), 2162(93),
2167(71), 2168(63), 2174(63), 2176(93), 2198(GEN), 2207(63),
2220(61), 2233(74), 2239(61), 2246(94), 2265(93),
2270(76,83), 2276(22), 2280(22), 2285(93), 2296(61),
2302(96), 2303(95,96), 2306(63), 2307(18), 2311(22),
2312(63), 2315(76), 2316(63), 2317(96), 2318(95), 2319(95),
2320(95), 2321(97), 2326(83), 2327(22,83), 2328(75),
2329(74), 2331(75), 2333(61), 2334(62), 2336(76), 2337(76),
2338(76), 2346(22), 2348(94), 2349(93), 2350(97), 2352(22),
2353(95,96), 2355(22,83).
2. THE SUMMARY OF ALL HYDROPAC WARNINGS IN FORCE AS OF
22 DEC 2011 IS GIVEN IN SEC III OF NM 53/11. WARNINGS
ISSUED DURING THE SUBSEQUENT QUARTERS ARE SUMMARIZED
IN NM 13/12 AND 26/12.
3. CANCEL HYDROPAC 1907/12, 1915/12, 2017/12,
2172/12, 2175/12, 2184/12, 2222/12,
2223/12, 2224/12, 2231/12, 2234/12,
2253/12, 2267/12, 2277/12, 2281/12,
2295/12, 2304/12, 2305/12, 2310/12,
2324/12, 2347/12, 2351/12.

(181020Z AUG 2012)

2358/12 and 2359/12. CANCELED.

2360/12(22).
EASTERN SOUTH PACIFIC.
CHILE.
HAZARDOUS OPERATIONS.
1. HAZARDOUS OPERATIONS 230359Z TO 271400Z AUG
IN AREA BETWEEN
36-34S 36-45S AND 073-40W 073-28W.
2. CANCEL THIS MSG 271500Z AUG 12.

(181303Z AUG 2012)

2361/12 thru 2364/12. CANCELED.

2365/12(GEN).
INDONESIA.
SINGAPORE TO BALI.
1. 36 METER M/V LADY R UNREPORTED SINGAPORE (01-18.00N 103-48.00E)
TO BENOA (08-48.00S 115-13.00E). LAST KNOWN POSITION
03-59.30S 110-39.64E ON 16 AUG. VESSELS IN VICINITY
REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO SINGAPORE PORT OPERATION CONTROL CENTER,
TELEX: 872 0021, PHONE: 656 226 5539,
FAX: 656 227 9971, E-MAIL: POCC@MPA.GOV.SG.
2. CANCEL HYDROPAC 2364/12(74), STATION RESTORED.

(190548Z AUG 2012)

2366/12(76,83).
WESTERN SOUTH PACIFIC.
COOK ISLANDS TO NEW ZEALAND.
DISTRESS SIGNAL RECEIVED ON 406 MHZ FROM 39 FOOT S/V SYMBIOSIS
BETWEEN COOK ISLANDS (21-12S 159-46W) AND NEW ZEALAND.
VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,
ASSIST IF POSSIBLE. REPORTS TO U.S. COAST GUARD ALAMEDA,
TELEX: 230172343, PHONE: 510 437 3701,
E-MAIL: RCCALAMEDA@USCG.MIL.

(190949Z AUG 2012)

2367/12 thru 2371/12. CANCELED.

2372/12(63).
INDIA-EAST COAST.
BAY OF BENGAL.
ROCKETS.
1. HAZARDOUS OPERATIONS 0230Z TO 0630Z DAILY
24 AND 25 AUG IN AREA BOUND BY
21-22.66N 086-55.13E, 21-09.75N 086-50.30E,
20-45.23N 087-06.21E, 18-18.48N 087-46.48E,
18-29.78N 088-21.65E, 18-46.25N 088-51.10E,
20-51.50N 087-20.46E, 21-18.60N 087-10.33E,
21-23.33N 086-56.70E.
2. CANCEL THIS MSG 250730Z AUG 12.

(200401Z AUG 2012)

2373/12. CANCELED.

2374/12(94,97).
WESTERN NORTH PACIFIC.
NANSEI SHOTO.
GUNNERY.
1. GUNNERY EXERCISES 250001Z TO 250800Z AUG
IN AREA BOUND BY
23-42N 124-36E, 23-34N 124-43E,
22-17N 123-04E, 22-25N 122-57E.
2. CANCEL THIS MSG 250900Z AUG 12.

(201226Z AUG 2012)

2375/12(74).
AUSTRALIA-NORTHWEST COAST.
1. SEISMIC SURVEY IN PROGRESS UNTIL FURTHER
NOTICE BY M/V POLARCUS ALIMA TOWING FOUR
MILE LONG CABLE IN AREA BETWEEN
15-29.8S 17-16.9S AND 118-28.6E 120-35.7E.
EIGHT MILE BERTH REQUESTED.
2. CANCEL HYDROPAC 2358/12.

(201504Z AUG 2012)

2376/12. CANCELED.

2377/12(94).
TAIWAN STRAIT.
GUNNERY.
1. GUNNERY EXERCISES 2300Z TO 0430Z COMMENCING
DAILY 19 THRU 23, 26 THRU 30 AUG, 02 THRU 20 SEP
AND 0530Z TO 0930Z DAILY 20 THRU 24, 27 THRU 31 AUG
AND 03 THRU 21 SEP:
A. IN AREA BOUND BY
22-34N 118-55E, 22-59N 119-39E,
22-16N 119-37E, 22-21N 118-55E.
B. WITHIN 29 MILES OF 22-34N 119-16E.
2. CANCEL THIS MSG 211030Z SEP 12.

(201730Z AUG 2012)

2378/12 and 2379/12. CANCELED.

2380/12(94).
TAIWAN-EAST COAST.
GUNNERY.
1. GUNNERY EXERCISES 210600Z TO 210800Z AUG,
2300Z TO 0430Z COMMENCING DAILY 21 THRU 27,
29 AND 30 AUG, 0530Z TO 0930Z DAILY 22 THRU 28,
30 AND 31 AUG AND 282300Z TO 290930Z AUG:
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 HYDROPAC 2376/12.
3. CANCEL THIS MSG 311030Z AUG 12.

(202313Z AUG 2012)

2381/12. CANCELED.

2382/12(18).
EASTERN NORTH PACIFIC.
DISTRESS SIGNAL RECEIVED ON 406 MHZ IN
41-13.9N 129-46.3W. VESSELS IN VICINITY
REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST
IF POSSIBLE. REPORTS TO U.S. COAST GUARD

ALAMEDA, TELEX: 230172343, PHONE: 510 437 3701,
E-MAIL: RCCALAMEDA@USCG.MIL.

(202350Z AUG 2012)

2383/12. CANCELED.

2384/12(94,97).
WESTERN NORTH PACIFIC.
EAST CHINA SEA.
DISTRESS SIGNALS RECEIVED ON 406 MHZ AT 210118Z AUG IN:
A. 28-15-03N 135-29-31E.
B. 31-25-44N 120-33-28E.
VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,
ASSIST IF POSSIBLE. REPORTS TO JAPAN COAST GUARD.

(210324Z AUG 2012)

2385/12. CANCELED.

2386/12(83).
SOUTH PACIFIC.
FRENCH POLYNESIA.
1. 20.7 METER F/V MOOREA RAVA AI III, FIVE PERSONS
ON BOARD, DISABLED AND ADRIFT DUE TO ENGINE DAMAGE
IN 17-57.25S 145-00.10W AT 210400Z AUG.
VESSELS IN VICINITY REQUESTED TO KEEP A SHARP
LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO MRCC PAPEETE,
INMARSAT-C: 582422799192, PHONE: 68 946 5316,
FAX: 68 942 3915, E-MAIL: MRCCPAPEETE@MAIL.PF.
2. CANCEL HYDROPAC 2385/12.

(210727Z AUG 2012)

2387/12(71).
EASTERN INDIAN OCEAN.
CHRISTMAS ISLAND.
1. FISHING NETS WITH ROPES ADRIFT IN
10-22.7S 105-42.1E AT 210330Z AUG.
2. CANCEL THIS MSG 240941Z AUG 12.

(210942Z AUG 2012)

2388/12. CANCELED.

2389/12(94,97).
EAST CHINA SEA.
1. SEISMIC SURVEY IN PROGRESS UNTIL 30 NOV
BY M/V DISCOVERER II IN AREA BOUND BY
32-15N 123-00E, 32-00N 124-30E,
29-50N 124-00E, 27-00N 123-05E,
27-00N 121-40E, 29-05N 122-50E.
2. CANCEL THIS MSG 01 DEC 12.

(211226Z AUG 2012)

2390/12(61).
WESTERN INDIAN OCEAN.
DISTRESS SIGNAL RECEIVED IN 25-15S 053-15E.
VESSELS IN VICINITY REQUESTED TO KEEP
A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO MRCC REUNION, INMARSAT-C: 422799193,
TELEX: 916140F, PHONE: 26 226 243 4343,
FAX: 26 226 271 1595, E-MAIL: REUNION@MRCCFR.EU.

(211925Z AUG 2012)

2391/12 thru 2393/12. CANCELED.

2394/12(23,29).
SOUTH ATLANTIC.
SCOTIA SEA.
ICE.
1. ICEBERGS REPORTED ON 21 AUG:
A. C19C, 53-20S 037-10W.
B. B15F, 57-32S 037-20W.
2. CANCEL THIS MSG 250843Z AUG 12.

(220844Z AUG 2012)

2395/12 and 2396/12. CANCELED.

2397/12(71,72,74).
EASTERN INDIAN OCEAN.
INDONESIA.
1. DERELICT 15 METER VESSEL ON FIRE AND ADRIFT
VICINITY 10-50.2S 108-03.8E AT 220611Z AUG.
2. CANCEL THIS MSG 250949Z AUG 12.

(220950Z AUG 2012)

2398/12(95).
YELLOW SEA.
GUNNERY.
1. GUNNERY EXERCISES 0001Z TO 0800Z DAILY
27 THRU 31 AUG IN AREA BETWEEN
34-50N 35-15N AND 124-50E 125-42E.
2. CANCEL THIS MSG 310900Z AUG 12.

(221158Z AUG 2012)

2399/12(95).
YELLOW SEA.
GUNNERY.
1. GUNNERY EXERCISES 0001Z TO 0800Z DAILY
27 THRU 31 AUG IN AREA BETWEEN
36-05N 36-35N AND 124-50E 125-42E.
2. CANCEL THIS MSG 310900Z AUG 12.

(221205Z AUG 2012)

2400/12(95).
YELLOW SEA.
GUNNERY.
1. GUNNERY EXERCISES 0001Z TO 0800Z DAILY
27 THRU 31 AUG 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 310900Z AUG 12.

(221215Z AUG 2012)

2401/12. CANCELED.

2402/12(93).
SOUTH CHINA SEA.
VIETNAM.
F/V QB 92782-TS, FIVE PERSONS ON BOARD, DISABLED AND
ADRIFT DUE TO ENGINE TROUBLE IN 16-20N 109-10E
AT 230100Z AUG. VESSELS IN VICINITY REQUESTED
TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO MRCC VIETNAM, PHONE: 43 768 3050,
FAX: 43 768 3048.

(230531Z AUG 2012)

2403/12(93).
SOUTH CHINA SEA.
1. SEISMIC SURVEY IN PROGRESS UNTIL 20 SEP BY
M/V VIKING II TOWING EIGHT 7000 METER LONG
CABLES IN AREA BETWEEN
19-00N 21-56N AND 114-35E 116-30E.
2. CANCEL THIS MSG 21 SEP 12.

(230540Z AUG 2012)

2404/12(71).
EASTERN INDIAN OCEAN.
INDONESIA.
20 METER VESSEL, 90 PERSONS ON BOARD, TAKING ON WATER
IN 07-11.95S 105-12.16E AT 230108Z AUG.
VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,
ASSIST IF POSSIBLE. REPORTS TO BASARNAS INDONESIA,
PHONE: 62 216 586 7510, FAX: 62 216 586 7512.

(230613Z AUG 2012)

2405/12(62).
GULF OF ADEN.
1. DERELICT 12 METER LIFERAFT, RED AND WHITE HULL,
PARTIALLY SUBMERGED AND ADRIFT IN
12-17.8N 045-27.09E AT 181508Z AUG.
2. CANCEL THIS MSG 260755Z AUG 12.

(230755Z AUG 2012)

2406/12(83).
SOUTH PACIFIC.
AMERICAN SAMOA.
1. DERELICT 34 FOOT M/V TWELFTH STEP ADRIFT
VICINITY 10-10S 167-12W.
2. CANCEL THIS MSG 260929Z AUG 12.

(230929Z AUG 2012)

MARAD ADVISORIES

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

The text of all in-force MARAD ADVISORIES may be obtained by accessing the NGA Maritime Safety Web site (http://www.nga.mil/NGAPortal/MSI.portal), by referring to Section I (paragraph 49) of US Notice to Mariners 1/12 for those in-force as of 29 December 2011, or by contacting the Maritime Administration, Office of Security, Code MAR-420, Room W25-308, 1200 New Jersey Avenue S.E., Washington DC 20590, Telephone (202) 366-1883, FAX (202) 366-3954, Cell (202) 641-5071.

MARAD ADVISORIES in force 23 August 2012: 00-7, 05-1, 06-1, 07-1, 10-3, 10-6, 10-7, 11-3, 11-5, 11-7, 12-1 and 12-2.

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://www.nga.mil/NGAPortal/MSI.portal) or by referring to Section I (paragraph 5) of US Notice to Mariners 1/12 for those in-force as of 29 December 2011.

SPECIAL WARNINGS in force 23 August 2012: 1, 29, 77, 81, 82, 89, 92, 107, 108, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124 and 125.

MARINE INFORMATION

NOAA CHART NEW EDITIONS AND THEIR AVAILABILITY

NOAA recognizes two paper nautical chart products:
- the Print-on-Demand (POD) chart distributed by OceanGrafix (www.OceanGrafix.com), and
- the Print-on-Demand (POD) chart distributed by East View Geospatial, Inc (www.geospatial.com/Default.aspx?tabid=120), and
- the traditional NOAA/NOS paper chart distributed by the Federal Aviation Administration and the National Geospatial-Intelligence Agency (NGA).

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

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

11460 43rd Ed. Jul 2012 NEW EDITION NAD 83 (NOS Silver Spring, MD)
EAST COAST - FLORIDA - CAPE CANAVERAL TO KEY WEST 1:466,940
(New edition due to numerous Notice to Mariner changes.)

11506 45th Ed. Aug 2012 NEW EDITION NAD 83 (NOS Silver Spring, MD)
EAST COAST - GEORGIA - ST SIMONS SOUND - BRUNSWICK HARBOR AND TURTLE RIVER 1:40,000
(New edition due to numerous Notice to Mariner changes.)

13260 41st Ed. Aug 2012 NEW EDITION NAD 83 (NOS Silver Spring, MD)
EAST COAST - BAY OF FUNDY TO CAPE COD 1:378,838
(New edition due to numerous Notice to Mariner and hydrographic changes.)

16011 38th Ed. Aug 2012 NEW EDITION NAD 83 (NOS Silver Spring, MD)
ALASKA - ALASKA PENINSULA AND ALEUTIAN ISLANDS TO SEGUAM PASS 1:1,023,188
(New edition due to numerous Notice to Mariner and hydrographic changes.)

25663 28th Ed. Jul 2012 NEW EDITION NAD 83 (NOS Silver Spring, MD)
PUERTO RICO - EAST COAST - PASAJE DE SAN JUAN TO PUERTO DE HUMACAO AND WESTERN PART OF ISLA DE VIEQUES 1:40,000
(New edition due to numerous Notice to Mariner changes.)

NEW EDITION OF COAST PILOT

U.S. Coast Pilot 9, Alaska: Cape Spencer to Beaufort Sea, Thirtieth Edition, 2012, is ready for issue and may be obtained from authorized chart agents and their sales outlets. Price $30.00. An agent listing may be viewed at http://aeronav.faa.gov.

The Coast Pilot may also be viewed and downloaded at http://nauticalcharts.noaa.gov/nsd/cpdownload.htm.

The 2012 Edition cancels the preceding 2011 Edition.

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

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

NGA DIGITAL NAUTICAL CHART (DNC) NEW EDITIONS AND THEIR AVAILABILITY

DNC new editions have been posted on NGA websites for access by Department of Defense (DoD) customers and other authorized U.S. Government users. The new editions will be available on CD-ROM via automatic distribution to authorized users in the near future.

The official NGA web sites for downloading selected NGA, NOAA charts and DNCs are:

- NIPRNet: https://www.geointel.nga.mil/products/dnc/
- SIPRNet: http://www.geoint.nga.smil.mil/products/dnc1/index.htm

This week's DNC new editions released by NGA are listed below:

DNC28 Canada
Edition Number 15
Correct through NM 28/12
Limited Distribution

RADIOTELEPHONE DISTRESS WATCHKEEPING

Mariners are advised that calls to the Coast Guard on the international radiotelephone distress frequency 2182 kHz may not be reliably received by the Coast Guard. Areas where maritime broadcasts on 2670 kHz are being received satisfactorily by mariners should not be affected. Similarly, mariners using high frequency (HF) radiotelephones equipped with digital selective calling (DSC) capable of operating on the 4, 6, 8, 12 and 16 MHz distress frequencies should not be affected. Coast Guard watchkeeping services on these HF radiotelephone and DSC distress frequencies are posted at http://www.navcen.uscg.gov/?pageName=cgcommsCall.

Mariners who receive a distress alert or call that has not been acknowledged by the Coast Guard are asked to assist if possible and advise the nearest Coast Guard unit using whatever means are practicable.

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	
14046	14BHA14023	Can. 4140	14/05	
14062	14XCO14025	Can. 4118	43/04	
14062	14XCO14026	Can. 4243	12/05	
14065	14BHA14027	Can. 4245	12/05	
14066	14XCO14026	Can. 4243	12/05	
14066	14XHA14028	Can. 4230	14/05	
14066	14XHA14029	Can. 4241	14/05	

14066	14XHA14030	Can. 4242	33/05	
14066	14XHA14031	Can. 4210	33/05	
14067	14XHA14029	Can. 4241	14/05	
14067	14XHA14032	Can. 4209	47/05	
14068	14XHA14032	Can. 4209	47/05	
14083	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	
14141	14AHA14076	Can. 4462	22/07	
14144	14XHA14143	Can. 4950	38/03	11/08
14145	14AHA14077	Can. 4448	22/07	
14146	14XHA14078	Can. 4404	25/07	
14151	14XHA14079	Can. 4403	23/07	
14156	14BHA14080	Can. 4419	22/07	
14190	14ACO14096	Can. 4905	6/09	
14203	14XHA14195	Can. 1431	42/03	11/08
14222	14XHA14211	Can. 1312	40/03	5/08
14253	14ACO14004	Can. 4015	23/04	
14340	14ACO14334	Can. 4016	9/09	
14342	14BCO14336	Can. 4626	11/10	
14349	14AHA14339	Can. 4622	10/09	
14350	14AHA14334	Can. 4841	12/10	
14351	14AHA14334	Can. 4841	12/10	
14360	14ACO14348	Can. 4017	12/10	
14364	14AHA14359	Can. 4846	25/09	
14366	14AHA14359	Can. 4846	25/09	
14373	14BHA14362	Can. 4847	12/10	
14415	14ACO14377	Can. 4020	12/10	
14812	14XHA14809	Can. 2085	6/09	
15008	15ACO15001	Can. 4730	12/10	
15011	15ACO15002	Can. 7050	16/08	
15017	15ACO15003	Can. 5450	33/07	
15018	15ACO15004	Can. 4700	12/10	
15020	15ACO15005	Can. 7011	12/10	
15041	**15ACO15007**	Can. 4731	41/08	
15061	15ACO15014	Can. 4732	42/08	
15070	15BHA15024	Can. 5143	6/09	
15080	15BHA15027	Can. 5023	46/07	
15120	15ACO15030	Can. 4775	31/07	
15140	15ACO15031	Can. 4776	12/10	
15160	15ACO15032	Can. 5300	34/08	

15312	15ACO15035	Can. 5400	6/09	
15670	15XCO15672	Can. 7570	44/09	
17008	**17ACO17007**	Can. 3002	40/08	
17412	**17XHA17410**	Can. 3890	40/08	
17413	**17ACO17411**	Can. 3802	42/08	
17414	**17BCO17415**	Can. 3854	42/08	
17416	**17BCO17417**	Can. 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	
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	
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	
18407	18BHA18436	Can. 3494	12/07	
18408	18BHA18437	Can. 3495	42/08	
18413	18BHA18442	Can. 3442	31/07	
18414	18XHA18451	Can. 3478	31/07	
18415	18BHA18461	Can. 3441	24/07	
18416	18AHA18462	Can. 3440	24/07	
18418	18AHA18466	Can. 3419	24/07	
18420	18BHA18467	Can. 3479	12/07	16/08
18475	18XHA18472	Can. 3685	43/08	
35009	35ACO35002	UK 266	19/04	3/07
35009	35ACO35003	UK 268	19/04	1/12
35009	35ACO35004	UK 273	19/04	1/12
35009	35ACO35005	UK 278	23/04	4/07
35009	35ACO35006	UK 1191	24/04	8/06
35009	35ACO35010	UK 1192	28/04	12/06
35009	35ACO35013	UK 1409	23/04	49/04
35009	35ACO35014	UK 1407	23/04	33/09
35016	35ACO35015	UK 2635	26/06	31/12
35022	35ACO35017	UK 1128	16/08	21/12
35023	35ACO35018	UK 1129	37/07	
35031	35ACO35019	UK 1127	4/06	6/08
35032	35ACO35020	UK 1125	7/07	
35036	35ACO35024	UK1123	3/07	20/07
35040	35ACO35006	UK 1191	24/04	8/06

35060	35ACO35010	UK 1192	28/04	
35080	35ACO35014	UK 1407	23/04	33/09
35081	35BHA35035	UK 734	28/04	52/08
35082	35BHA35037	UK 735	31/04	2/12
35084	35BHA35045	UK 1481	32/04	12/06
35086	35BHA35048	UK 736	32/04	4/09
35088	35BHA35050	UK 190	28/04	12/06
35100	35ACO35013	UK 1409	23/04	49/04
35101	35BHA35052	UK 223	33/04	3/12
35120	35ACO35055	UK 115	23/04	5/12
35130	35ACO35056	UK 1942	12/06	
35135	35ACO35057	UK 2249	27/07	39/10
35136	35ACO35058	UK 2250	27/07	39/10
35141	35ACO35059	UK 2162	21/07	33/09
35144	35XCO35062	UK 2584	27/07	49/08
35150	35ACO35063	UK 1119	27/07	
35155	35ACO35064	UK 1234	27/07	
35159	35ACO35065	UK 3271	30/07	39/10
35160	35ACO35066	UK 1233	27/07	
35163	35ACO35067	UK 3272	27/07	
35166	35ACO35068	UK 3283	27/07	39/10
35169	35ACO35071	UK 3281	29/07	39/10
35170	35ACO35072	UK 3282	30/07	30/12
35200	35ACO35001	UK 1954	28/04	33/09
35205	35ACO35073	UK 2720	27/07	6/08
35210	35ACO35074	UK 1785	27/07	6/08
35220	35ACO35075	UK 2721	37/07	6/08
35230	35ACO35078	UK 1794	24/07	10/08
35236	**35AHA35079**	UK 2207	28/07	39/10
35237	**35AHA35089**	UK 2208	30/07	12/10
35239	**35AHA35090**	UK 2210	28/07	
35243	**35BHA35091**	UK 3146	37/07	6/08
35246	35ACO35092	UK 1795	21/07	13/10
35247	35AHA35093	UK 1796	28/07	39/10
35248	**35BHA35094**	UK 2209	38/07	
35250	35BHA35095	UK 2540	29/07	7/08
35255	**35AHA35096**	UK 2171	30/07	
35256	35AHA35097	UK 2390	24/07	
35260	35ACO35104	UK 2722	27/07	7/08
35265	35ACO35106	UK 1778	27/07	33/09
35270	**35AHA35109**	UK 2169	29/07	
35272	35ACO35110	UK 1770	12/07	
35277	35BHA35113	UK 2326	22/06	7/08
35278	35BHA35114	UK 2343	4/06	
35279	35BHA35115	UK 2397	29/06	
35295	35BHA35116	UK 2481	22/06	
35296	35BHA35117	UK 2396	25/06	
35298	35BHA35118	UK 2168	7/07	33/09
35299	35ACO35119	UK 2724	26/06	5/07
35300	35ACO35121	UK 2723	18/06	
35302	35ACO35123	UK 2798	46/05	
35307	35ACO35126	UK 2199	5/06	
35308	35ACO35127	UK 2198	25/06	
35310	35ACO35128	UK 2725	27/06	
35350	35ACO35131	UK 2173	12/07	
35380	35ACO35138	UK 2254	30/06	
35390	35ACO35139	UK 2423	22/06	

35400	35ACO35140	UK 2424	5/06	
35420	35ACO35147	UK 2049	18/06	
35421	35AHA35148	UK 1777	46/05	
35423	35AHA35149	UK 1773	46/05	
35424	35AHA35151	UK 1765	46/05	26/10
35011	35XCO35172	UK 219	8/08	33/09
36010	36ACO36000	UK 1121	26/06	
36015	36ACO36001	UK 2649	47/05	
36040	36ACO36002	UK 1410	47/05	
36060	36ACO36006	UK 1141	12/07	
36061	**36BHA36007**	UK 1468	20/07	
36062	**36BHA36008**	UK 1415	4/06	
36063	36BHA36009	UK 1447	12/07	
36081	36BHA36011	UK 1753	7/07	24/12
36098	36AHA36012	UK 2221	47/05	
36103	36BHA36014	UK 2126	9/07	
36104	36BHA36016	UK 2220	6/07	
36106	36BHA36017	UK 2131	47/05	38/11
36108	36BHA36018	UK 2000	4/06	13/12
36110	36BHA36019	UK 2007	8/06	18/11
36115	36BHA36020	UK 1994	3/07	
36116	36AHA36021	UK 1867	23/05	26/10
36117	36BHA36022	UK 1907	11/07	
36118	36BHA36023	UK 2383	25/06	
36119	36BHA36024	UK 2491	4/06	
36120	36ACO36025	UK 1826	13/07	2/12
36127	36BHA36030	UK 3746	32/06	13/12
36128	36BHA36030	UK 3746	32/06	13/12
36137	36AHA36032	UK 1478	39/04	
36138	36AHA36033	UK 3275	39/04	29/12
36139	36BHA36034	UK 3274	39/04	33/09
36140	36ACO36035	UK 1178	39/04	33/09
36141	36BHA36036	UK 2878	41/04	9/05
36161	36BHA36039	UK 1152	52/04	
36162	36BHA36041	UK 1182	1/05	26/12
36163	36BHA36042	UK 1176	1/05	
36165	36BHA36044	UK 1165	17/05	52/06
36180	36ACO36049	UK 2565	27/05	33/09
37043	37AHA37003	UK 1267	15/06	
37044	37AHA37004	UK 30	25/05	39/10
37045	37AHA37006	UK 1901	25/05	20/07
37046	37AHA37007	UK 1613	34/05	18/06
37047	37XHA37008	UK 1902	25/05	5/12
37060	36ACO36050	UK 442	25/05	
37075	37ACO37015	UK 2454	25/08	1/12
37079	37AHA37016	UK 2625	32/05	39/10
37081	37AHA37017	UK 2045	32/05	4/06
37083	37AHA37019	UK 2037	25/05	39/10
37084	37AHA37020	UK 2036	5/06	38/08
37086	37AHA37021	UK 2631	31/05	18/11
37119	37AHA37027	UK 1698	8/06	3/12
37122	37AHA37028	UK 1828	19/05	29/11
37141	37AHA37040	UK 1607	9/05	22/09
37145	37AHA37051	UK 1185	37/04	52/08
37147	37BHA37052	UK 1975	36/04	5/12
37150	37ACO37055	UK 1504	37/04	17/05
37170	37ACO37057	UK 1503	38/04	8/08

37175	37ACO37058	UK 1187	38/04	8/08
37180	37ACO37059	UK 1190	38/04	18/11
37182	37AHA37062	UK 109	38/04	33/09
37183	37BHA37066	UK 1188	6/05	26/10
74071	74BHA74072	Aus. 615	35/07	
74071	74BHA74073	Aus. 616	35/07	
74071	74BHA74074	Aus. 617	35/07	
74141	74XHA74142	Aus. 618	35/07	
74141	74XHA74143	Aus. 610	35/07	
74151	74AHA74154	Aus. 809	12/07	
74152	74BHA74150	Aus. 208	8/07	44/10
74153	74BHA74155	Aus. 207	8/07	
74162	74BCO74163	Aus. 811	13/07	
74162	74BCO74164	Aus. 810	13/07	
74183	74AHA74180	Aus. 237	9/07	
74186	74AHA74189	Aus. 238	47/05	
74192	74BHA74213	Aus. 818	9/07	
74201	74BHA74199	Aus. 246	8/07	
74202	74BHA74208	Aus. 247	13/07	
74204	74BHA74209	Aus. 819	14/07	
74205	74BHA74244	Aus. 245	45/10	
74206	74AHA74212	Aus. 244	15/07	
74210	74BCO74245	Aus. 820	13/07	
74221	74BCO74227	Aus. 821	11/07	
74229	74BHA74226	Aus. 250	13/07	
74229	74BCO74246	Aus. 824	16/08	
74229	74BCO74247	Aus. 249	16/08	
74231	74BHA74226	Aus. 250	13/07	
74232	74BHA74216	Aus. 256	10/07	
74234	74BHA74237	Aus. 257	11/07	45/10
74252	74BHA74258	Aus. 263	41/10	
74253	74BCO74262	Aus. 830	13/07	
74271	74BCO74275	Aus. 833	18/07	
74271	74BCO74277	Aus. 280	35/07	
74272	74BHA74267	Aus. 834	13/07	
74287	74BHA74279	Aus. 289	52/06	
74293	74ACO74311	Aus. 839	12/06	
74294	74BCO74300	Aus 292	47/05	
74294	74ACO74311	Aus. 839	12/06	
74310	74BCO74395	Aus. 302	18/07	
74320	74BCO74313	Aus. 303	18/07	
74330	74BCO74387	Aus. 304	52/06	
74340	74BCO74384	Aus. 305	35/07	
74350	74BCO74383	Aus. 306	35/07	44/10
74376	74BCO74377	Aus. 715	35/07	
74391	74BHA74390	Aus. 720	35/07	
74391	74BHA74396	Aus. 721	35/07	
74393	74BHA74397	Aus. 26	47/06	
74394	74BHA74397	Aus. 26	47/06	
74415	74ACO74416	Aus. 726	35/07	
74430	74ACO74431	Aus. 315	22/08	48/08
74450	74ACO74451	Aus. 319	34/07	48/08
74517	74ACO74031	Aus. 743	12/06	
74521	75AHA75147	Aus. 744	19/06	
74555	74ACO74593	Aus. 334	34/07	
74581	74AHA74585	Aus. 112	18/07	
75010	75ACO75111	Aus. 341	36/07	

75010	75ACO75114	Aus. 342	36/07	
75110	75ACO75111	Aus. 341	36/07	
75120	75ACO75114	Aus. 342	36/07	
75132	75BHA75137	Aus. 137	19/06	42/08
75170	75ACO75166	Aus. 788	14/06	
75170	75ACO75167	Aus. 789	14/06	
75170	75ACO75168	Aus. 790	17/06	
75171	75AHA75164	Aus. 144	44/10	
75171	75AHA75165	Aus. 143	21/06	20/08
75171	75AHA75174	Aus. 158	18/06	
75173	75AHA75174	Aus. 158	18/06	
75175	75AHA75178	Aus. 154	18/06	25/08
75261	75AHA75274	Aus. 808	11/07	
75264	75AHA75269	Aus. 201	12/07	
75264	75AHA75267	Aus. 202	48/06	
75265	75AHA75266	Aus. 197	17/07	
95261	95BCO95263	Jpn. W145	9/12	
95264	95BHA95266	Jpn. W1155A	5/12	
95273	95BHA95279	Jpn. W1197	5/12	
95276	95BHA95284	Jpn. W1193	46/10	
95282	95BHA95288	Jpn. W1167	10/11	
95285	95BHA95289	Jpn. W1166	29/12	
96942	96BHA96931	Jpn. W5	21/11	
96961	96BHA96951	Jpn. W1033A	46/10	
97041	97BHA97044	Jpn. W65	21/11	
97042	97XHA97045	Jpn. W71	46/11	
97043	97XHA97046	Jpn. W1091	45/11	12/12
97060	97ACO97050	Jpn. W54	46/11	
97082	97BHA97084	W64A	9/12	
97083	97BHA97085	W64B	9/12	
97143	97AHA97133	Jpn. W1062	11/11	
97144	97AHA97134	Jpn. W1081	9/11	
97146	97AHA97135	Jpn. W1083	46/10	
97148	97XHA97136	Jpn. W1085	18/11	
97149	97AHA97137	Jpn. W66	46/10	
97150	97XHA97139	Jpn. W67	46/10	
97151	97AHA97168	Jpn. W1061	21/11	
97154	97BHA97171	Jpn. W1042	52/11	
97155	97AHA97172	Jpn. W1065	21/11	
97156	97BHA97173	Jpn. W92	49/11	
97182	97BHA97090	Jpn. W1053	21/12	
97184	97BHA97030	Jpn. W1055A	49/11	
97185	97BHA97031	Jpn. W1057B	49/11	
97189	97BHA97034	Jpn. W1055B	49/11	
97204	97AHA97191	Jpn. W131	11/11	
97220	97AHA97197	Jpn. W1103	29/12	
97221	97AHA97198	Jpn. W106	11/11	
97225	97AHA97210	Jpn. W150A	46/11	
97226	97XHA97211	Jpn. W1110	3/12	
97229	97AHA97214	Jpn. W101A	29/12	
97230	97AHA97215	Jpn. W101B	20/12	
97233	97BHA97252	Jpn. W153	12/11	
97234	97BHA97253	Jpn. W137A	45/11	
97236	97BHA97255	Jpn. W137B	46/11	
97237	97BHA97256	Jpn. W1121	6/12	
97241	97BHA97259	Jpn. W1124	21/11	
97261	97BHA97293	Jpn. W141	12/11	49/11

97262	97BHA97294	Jpn. W104	12/11	
97263	97BHA97295	Jpn. W132	9/11	
97263	97BHA97965	Jpn. W1361	45/11	
97272	97BHA97306	Jpn. W126	46/11	
97274	97AHA97308	Jpn. W127	9/11	
97280	97BHA97315	Jpn. W1106	45/11	
97285	97AHA97319	Jpn. W1262	11/11	14/12
97286	97AHA97321	Jpn. W1263	11/11	13/12
97287	97AHA97322	Jpn. W1264	11/11	
97303	97BHA97324	Jpn. W110	6/12	
97383	97BHA97337	Jpn. W206	3/12	
97410	97XHA97358	Jpn. W166	6/12	
97465	97BHA97370	Jpn. W222A	49/11	
97466	97AHA97371	Jpn. W243	13/12	
97469	97AHA97373	Jpn. W228B	48/11	
97481	97BCO97375	Jpn. W1205	49/11	
97563	97AHA97568	Jpn. W50	4/12	

MARINE INFORMATION REPORT AND SUGGESTION SHEET INSTRUCTIONS

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

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

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

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

Due to the large volume of information received, NGA cannot acknowledge receipt of every report. Some reports containing useful data are filed for use in the compilation of the next edition of the affected product. Others confirm or clarify previously reported information. Echogram traces are digitized and become part of 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) _____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

User Feedback (continue on additional sheets as necessary)

_____

_____

_____

_____

_____

FIRST-CLASS MAIL
POSTAGE & FEES PAID

NGA
PERMIT NO. G-2

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): _____

_____

_____

_____

_____

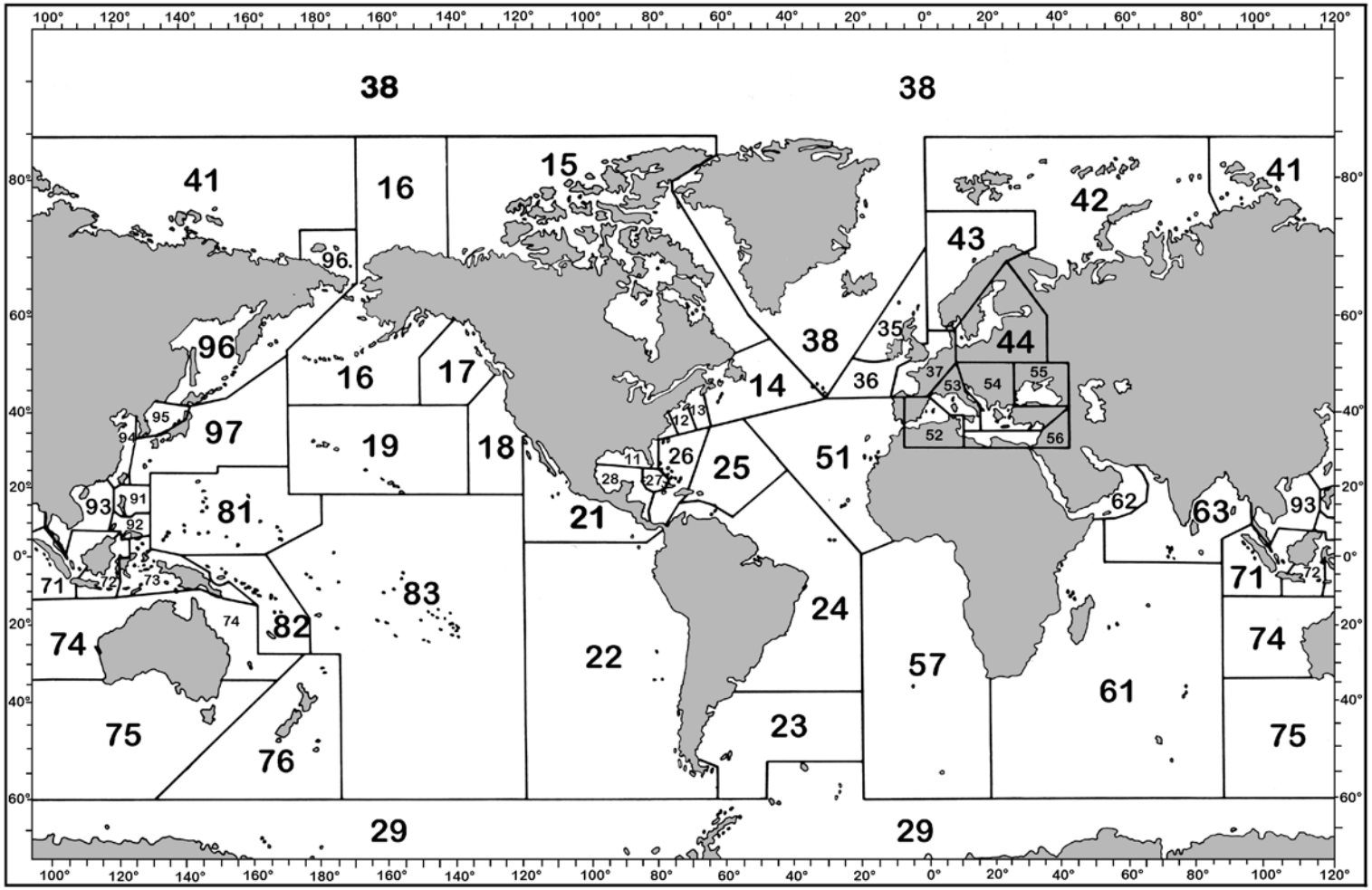
_____

_____

FIRST-CLASS MAIL
POSTAGE & FEES PAID

NGA
PERMIT NO. G-2

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



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