No. 27

2 JULY 2011

UNITED STATES OF AMERICA

NOTICE TO MARINERS

Published Weekly by the
National Geospatial-Intelligence Agency

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

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

IMPORTANT INFORMATION

The Notice to Mariners is published by the National Geospatial-Intelligence Agency (NGA), under the authority of Department of Defense Directive 5105.40, to advise mariners of important matters affecting navigational safety, including new hydrographic discoveries, changes in channels and navigational aids, etc. (U.S. Code Title 10, Sec. 442 and Title 44, Sec. 1336 refer). Nothing in the arrangement of information implies endorsement or acceptance by NGA in matters affecting the status and boundaries of States and territories. The Notice to Mariners presents corrective information affecting charts, NGA/DLIS Catalog of Maps Charts and Related Products, Coast Pilots, Sailing Directions, Fleet Guides, USCG Light Lists, NGA List of Lights, Radio Navigational Aids and other products produced by the National Geospatial-Intelligence Agency, National Ocean Service and U.S. Coast Guard.

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

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

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.

Cover Photo: The **USCGC FORWARD (WMEC-911)** is the sixth cutter of the *Famous-class* medium endurance cutters. She was built at Robert Derecktor Shipyard, Inc. in Middletown, RI and was commissioned on August 4, 1990. **FORWARD** was named for Walter Forward, the fifteenth United States Secretary of the Treasury. Her missions are law enforcement, defense operations and search and rescue. The **FORWARD** is on a scheduled deployment in West Africa supporting the Africa Partnership Station (APS), which aims to increase resident host nation capabilities and contribute to the development, economic prosperity and security on and off shore of West Africa. **USCGC FORWARD** is 270 feet in length, has a beam of 38 feet, a draft of 14.5 feet and displaces 1,800 tons. Her armament includes 1 OTO Melara Mk 75 rapid fire gun and two 50-caliber machine guns. She deploys with an aviation detachment with one helicopter. **FORWARD** is powered by twin turbo-charged ALCO V-18 diesel engines each delivering 3,600 shaft horsepower and has two caterpillar diesel generators. She has a crew of 14 officers and 86 enlisted personnel. **USCGC FORWARD** is home ported in Portsmouth, VA.

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 27/11

2 July 2011

NOAA CHART NEW EDITIONS AND THEIR AVAILABILITY

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

NGA CHART NEW EDITIONS AND THEIR AVAILABILITY

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

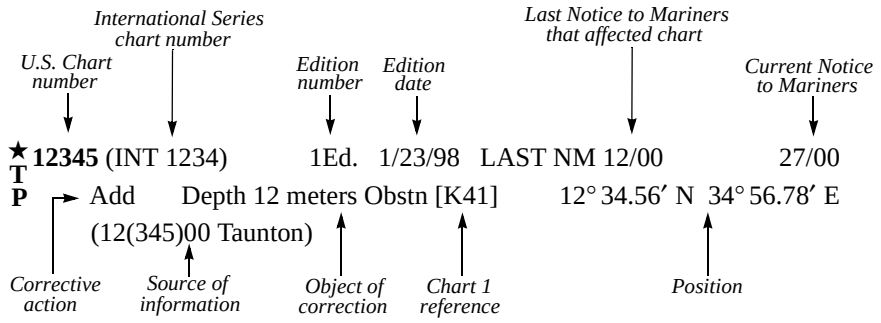
NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY'S IMPLEMENTATION OF A HARDCOPY TO DIGITAL TRANSITION STRATEGY

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

EXPLANATION OF CONTENTS

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

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



A chart correction preceded by:

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

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

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

Courses and bearings are given in degrees true.

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

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

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

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

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

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

Section II-2* contains corrections to navigation publications, including Sailing Directions, Coast Pilots, Fleet Guides, Radio Navigational Aids (Pub. 117), *The American Practical Navigator* and other related nautical publications.

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

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

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

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

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

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

211 5Ed. 1/13/96 LAST NM 26/11 27/11
Substitute Depth 18 fathoms for 573 fathoms 56° 58′ S 26° 38′ W
(19(250)05 Buenos Aires)

★1116A Ed. 5/11 NEW EDITION 27/11
Add Dashed-line circle "Discol. water" [Ke] (PA)
29° 02.8′ N 90° 13.8′ W
(Previously published 24/11)
(NOS)

1117A Ed. 3/08 LAST NM 25/11 27/11
Add Submarine cable [L30.1] joining 28° 08.0′ N 94° 48.1′ W
28° 00.5′ N 94° 43.4′ W
27° 50.6′ N 94° 35.4′ W
27° 32.8′ N 94° 38.7′ W
27° 26.7′ N 94° 44.1′ W
27° 18.7′ N 94° 43.4′ W
27° 13.6′ N 94° 29.3′ W
27° 09.6′ N 94° 15.2′ W
27° 08.1′ N 94° 13.2′ W
27° 02.9′ N 94° 02.0′ W
27° 02.5′ N 94° 00.0′ W
(See 31/08-1117A)
(NOS)

11299 1Ed. 5/14/05 LAST NM N8/11 N27/11
Add Tabulation of controlling depths from
Subsection I-2
(Supersedes N8/11-11299)
(NOS)

11300 42Ed. 3/08 LAST NM 25/11 27/11
Add Submarine cable [L30.1] joining 28° 08.0′ N 94° 48.1′ W
28° 00.5′ N 94° 43.4′ W
27° 50.6′ N 94° 35.4′ W
27° 32.8′ N 94° 38.7′ W
27° 26.7′ N 94° 44.1′ W
27° 18.7′ N 94° 43.4′ W
27° 13.6′ N 94° 29.3′ W
27° 09.6′ N 94° 15.2′ W
27° 08.1′ N 94° 13.2′ W
27° 02.9′ N 94° 02.0′ W
27° 02.5′ N 94° 00.0′ W
(See 31/08-11300)
(NOS)

★11301 25Ed. 5/08 LAST NM 16/11 27/11
Add Tabulation of controlling depths from
Subsection I-2
(Supersedes 16/11-11301)
(NOS)

11302 32Ed. 1/08 LAST NM 16/11 27/11
(Side B)
Add Tabulation of controlling depths from
Subsection I-2
(Supersedes 16/11-11302)
(NOS)

11305 2Ed. 5/14/05 LAST NM N48/10 N27/11
Add Tabulation of controlling depths from
Subsection I-2
(Supersedes N48/10-11305)
(NOS)

11309 40Ed. 5/10 LAST NM 8/11 27/11
Add Tabulation of controlling depths from
Subsection I-2
(Supersedes 8/11-11309)
(NOS)

11310 2Ed. 5/14/05 LAST NM N8/11 N27/11
Add Tabulation of controlling depths from
Subsection I-2
(Supersedes N8/11-11310)
(NOS)

★11311 24Ed. 4/05 LAST NM 48/10 27/11
Add Tabulation of controlling depths from
Subsection I-2
(See 48/10-11311)
(NOS)

★11312 5Ed. 7/09 LAST NM 8/11 27/11
Add Tabulation of controlling depths from
Subsection I-2
(Supersedes 8/11-11312)
(NOS)

11316 41Ed. 11/07 LAST NM 16/11 27/11
Relocate Light "A8" from 28° 33′ 21″ N 96° 29′ 27″ W
to 28° 33′ 09″ N 96° 29′ 20″ W

Add Tabulation of controlling depths from
Subsection I-2
(Supersedes 36/10-11316)
(NOS; 21/11 CG8)

★11317 32Ed. 3/09 LAST NM 16/11 27/11
Relocate Light "A8" from 28° 33′ 21″ N 96° 29′ 27″ W
to 28° 33′ 09″ N 96° 29′ 20″ W
Light "D8" from 28° 37′ 16″ N 96° 32′ 17″ W
to 28° 37′ 53″ N 96° 32′ 28″ W

Add Tabulation of controlling depths from
Subsection I-2
(Supersedes 36/10-11317)
(NOS; 21/11 CG8)

11318 2Ed. 5/14/05 LAST NM N1/11 N27/11
Add Tabulation of controlling depths from
Subsection I-2
(Supersedes N48/10-11318)
(NOS)

★11322 32Ed. 11/08 LAST NM 14/11 27/11
(Side B)
Add Position circle "Pile (awash)" [K43.1] (PA)
28° 57′ 04.9″ N 95° 19′ 58.6″ W

Tabulation of controlling depths from
Subsection I-2
(Supersedes 14/11-11322)
(NOS; 21/11 CG8)

★11339 3Ed. 2/10 LAST NM 25/11 27/11
Change Legend to "40 FT MAR 2011" 29° 48′ 53″ N 93° 20′ 56″ W

(Inset)
Change Legend to "35 FT MAR 2011"
30° 10′ 55.0″ N 93° 18′ 28.0″ W
(See 12/11-11339)

Add Tabulation of controlling depths from
Subsection I-2
(Supersedes 22/11-11339)

(Inset Continuation)
Change Legend to "39 FT MAR 2011"
30° 12′ 35.8″ N 93° 16′ 45.3″ W
Legend to "40 FT MAR 2011"
30° 13′ 20.0″ N 93° 16′ 35.0″ W
Legend to "31 FT MAR 2011"
30° 13′ 59.0″ N 93° 14′ 45.0″ W
(See 46/10-11339)
(NOS)

★11340 75Ed. 5/11 NEW EDITION 27/11
Add Dashed-line circle "Discol. water" [Ke] (PA)
29° 02.8′ N 90° 13.8′ W
(Previously published 24/11)
(NOS)

11344 38Ed. 4/08 LAST NM 25/11 27/11
Add Tabulation of controlling depths from
Subsection I-2
(Supersedes 22/11-11344)
(NOS)

★11346 3Ed. 10/10 LAST NM 24/11 27/11
Add Tabulation of controlling depths from Subsection I-2
(Supersedes 22/11-11346)
(NOS)

11347 38Ed. 6/08 LAST NM 25/11 27/11
(Side A)
Change Legend to "40 FT MAR 2011" 29° 48′ 53″N 93° 20′ 56″W

Add Tabulation of controlling depths from Subsection I-2
(Supersedes 22/11-11347)

(Side B, Inset)
Change Legend to "35 FT MAR 2011"
30° 10′ 55.0″N 93° 18′ 28.0″W
Legend to "39 FT MAR 2011"
30° 12′ 36.0″N 93° 16′ 45.0″W
Legend to "40 FT MAR 2011"
30° 13′ 20.0″N 93° 16′ 35.0″W
Legend to "31 FT MAR 2011"
30° 13′ 59.0″N 93° 14′ 45.0″W
(See 46/10, 12/11-11347)

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

11352 41Ed. 12/09 LAST NM 25/11 27/11
Change Note to
"NOTE I
BAYOU LAFOURCHE
The controlling depth was 16 feet for a width of 300-425 feet from the entrance in the Gulf, through Belle Pass Channel, to Port Fourchon; thence a centerline depth of 12 feet to Leeville; thence 7 feet to the Intracoastal Waterway at Larose; thence 4 feet to Raceland; thence 3 feet to Thibodaux. The old entrance through the jetties is closed by a dam.
Oct 1989 - Mar 2011
Numerous pilings, dolphins, obstructions, platforms and abandoned well heads exist throughout Bayou Lafourche from Belle Pass to Leeville." 29° 27.2′ N 90° 13.5′ W
(See 24/11-11352)
(NOS)

★11356 38Ed. 6/08 LAST NM 24/11 27/11
Delete Platform 29° 01′ 09″N 90° 59′ 06″W
Platform 28° 59′ 25″N 90° 50′ 01″W
(NOS)

11357 40Ed. 6/09 LAST NM 24/11 27/11
Change Note to
"NOTE D
BAYOU LAFOURCHE
The controlling depth was 16 feet for a width of 300-425 feet from the entrance in the Gulf, through Belle Pass Channel, to Port Fourchon; thence a centerline depth of 12 feet to Leeville; thence 7 feet to the Intracoastal Waterway at Larose; thence 4 feet to Raceland; thence 3 feet to Thibodaux. The old entrance through the jetties is closed by a dam.
Oct 1989 - Mar 2011
Numerous pilings, dolphins, obstructions, platforms and abandoned well heads exist throughout Bayou Lafourche from Belle Pass to Leeville." 29° 19′ 08″N 90° 12′ 27″W
(See 24/11-11357)
(NOS)

11361 75Ed. 8/09 LAST NM 26/11 27/11
Change Note to
"NOTE D
CHANNEL PROJECT DEPTHS
The project depth for South Pass has been significantly reduced due to severe shoaling. The project depth for Southwest Pass is 45 feet through Head of Passes. The controlling depths and regulations may be obtained from the Office of the District Engineer, Corps of Engineers in New Orleans." 28° 54′ 54″N 88° 55′ 12″W
(23/11 CG8)

11365 22Ed. 12/09 LAST NM 25/11 27/11
(Side B)
Change Note to
"NOTE D
BAYOU LAFOURCHE
The controlling depth was 16 feet for a width of 300-425 feet from the entrance in the Gulf, through Belle Pass Channel, to Port Fourchon; thence a centerline depth of 12 feet to Leeville; thence 7 feet to the Intracoastal Waterway at Larose; thence 4 feet to Raceland; thence 3 feet to Thibodaux. The old entrance through the jetties is closed by a dam.
Oct 1989 - Mar 2011
Numerous pilings, dolphins, obstructions, platforms and abandoned well heads exist throughout Bayou Lafourche from Belle Pass to Leeville." 29° 30′ 54.0″N 90° 21′ 39.0″W
(See 24/11-11365)
(NOS)

11372 34Ed. 1/10 LAST NM 17/11 27/11
(Side A)
Add Dangerous wreck [K28] (PA)
30° 12′ 22.3″N 88° 59′ 38.6″W
(22/11 CG8)

★11373 49Ed. 9/10 LAST NM 24/11 27/11
Add Dangerous wreck [K28] (PA) 30° 12′ 22″N 88° 59′ 39″W

Tabulation of controlling depths from Subsection I-2
(See 14/11-11373)
(NOS; 22/11 CG8)

11374 35Ed. 9/09 LAST NM 24/11 27/11
(Side B)
Change Legend to "29 FT 2002-2011"
30° 20′ 55.0″N 88° 34′ 07.0″W
(See 33/10-11374)

Add Tabulation of controlling depths from Subsection I-2
(Supersedes 14/11-11374)
(NOS)

★11375 37Ed. 6/10 LAST NM 24/11 27/11
Change Legend to "29 FT 2002-2011"
30° 20′ 54.4″N 88° 34′ 06.7″W
(See 33/10-11375)

Add Tabulation of controlling depths from Subsection I-2
(Supersedes 14/11-11375)
(NOS)

★11376 55Ed. 3/11 LAST NM 20/11 27/11
(Inset)
Change Legend to "45 FT 2011" 30° 40′ 10.5″N 88° 01′ 49.9″W
(NOS)

★11407 18Ed. 1/26/02 LAST NM 25/11 27/11
Change Visibility (range) of light "1" to 5M
29° 48′ 50″N 83° 37′ 44″W
Visibility (range) of light "16" to 5M
29° 48′ 53″N 83° 35′ 36″W
Visibility (range) of light "19" to 5M
29° 49′ 03″N 83° 35′ 31″W
Visibility (range) of light "8" to 5M
29° 48′ 52″N 83° 36′ 02″W
(20/11 CG7)

11441 41Ed. 9/06 LAST NM 6/11 27/11
Change Height of range light, rear to 89ft
24° 32′ 56.3″N 81° 48′ 25.8″W
(20/11 CG7)

11442 35Ed. 1/08 LAST NM 6/11 27/11
Change Height of range light, rear to 89ft
24° 32′ 56″N 81° 48′ 26″W
(20/11 CG7)

11446 32Ed. 10/06 LAST NM 45/10 27/11
Change Height of range light, rear to 89ft
24° 32′ 56″N 81° 48′ 26″W
(20/11 CG7)

★11447 37Ed. 12/08 LAST NM 8/10 27/11
Change Height of range light, rear to 89ft
24° 32′ 56.3″N 81° 48′ 25.8″W
(20/11 CG7)

11480 41Ed. 11/10 LAST NM 3/11 27/11
Delete Depth 6 fathoms 30° 41.9′ N 81° 13.1′ W
(NOS)

★11485 36Ed. 7/10 LAST NM 13/11 27/11
(Side B)
Change Visibility (range) of light “26” to 5M
28° 47′ 56.0″N 80° 47′ 14.6″W
(20/11 CG7)

11502 32Ed. 11/10 LAST NM 16/11 27/11
Delete Depth 36 feet 30° 41′ 52″N 81° 13′ 03″W
Depth 37 feet 30° 41′ 46″N 81° 13′ 29″W
Depth 39 feet 30° 42′ 28″N 81° 15′ 05″W
(NOS)

★11503 43Ed. 3/11 LAST NM 20/11 27/11
Delete Depth 36 feet 30° 41′ 52.3″N 81° 13′ 03.5″W
Depth 37 feet 30° 41′ 46.5″N 81° 13′ 28.8″W
Depth 39 feet 30° 42′ 27.9″N 81° 15′ 05.5″W
(NOS)

11505 4Ed. 10/10 LAST NM 21/11 27/11
Add Tabulation of controlling depths from
Subsection I-2
(Supersedes 21/11-11505)
(NOS)

★11506 44Ed. 4/09 LAST NM 25/11 27/11
Add Tabulation of controlling depths from
Subsection I-2
(Supersedes 22/11-11506)
(NOS)

11507 34Ed. 12/10 LAST NM 25/11 27/11
(Side A)
Change Visibility (range) of light “6” to 5M
32° 04′ 06.7″N 80° 58′ 54.2″W

Light to “2” Fl R 4s 12ft 5M
32° 04′ 15.7″N 80° 58′ 22.4″W
Light to “4” Fl R 4s 12ft 5M
32° 04′ 12.5″N 80° 58′ 29.9″W
(21/11 CG7)

★11512 62Ed. 2/10 LAST NM 23/11 27/11
Change Visibility (range) of light “2” to 5M
32° 04′ 16″N 80° 58′ 22″W
Visibility (range) of light “4” to 5M
32° 04′ 12″N 80° 58′ 30″W
Visibility (range) of light “6” to 5M
32° 04′ 07″N 80° 58′ 54″W

Add Tabulation of controlling depths from
Subsection I-2
(Supersedes 23/11-11512)
(NOS; 21/11 CG7)

11513 26Ed. 12/10 LAST NM 12/11 27/11
Change Designation of buoy “1A” to “3”
32° 28′ 16″N 80° 20′ 16″W

Designation of buoy “2” to “4” 32° 29′ 37″N 80° 21′ 00″W
(19/11 CG7)

11514 30Ed. 10/08 LAST NM 23/11 27/11
(Side A)
Add Tabulation of controlling depths from
Subsection I-2
(Supersedes 23/11-11514)
(NOS)

★11517 18Ed. 12/07 LAST NM 7/11 27/11
Change Designation of buoy “1A” to “3”
32° 28′ 16″N 80° 20′ 16″W

Designation of buoy “2” to “4” 32° 29′ 37″N 80° 21′ 00″W
(19/11 CG7)

11518 37Ed. 1/10 LAST NM 19/11 27/11
(Side A)
Delete Anchorage area and legend “ANCH AREA (see
note A)” in vicinity 32° 46′ 49.4″N 79° 57′ 34.0″W
(NOS)

11521 30Ed. 12/10 LAST NM 13/11 27/11
Change Designation of buoy “1A” to “3”
32° 28′ 16″N 80° 20′ 16″W

Designation of buoy “2” to “4” 32° 29′ 37″N 80° 21′ 00″W

Add Tabulation of controlling depths from
Subsection I-2
(Supersedes 13/11-11521)
(NOS; 19/11 CG7)

11523 25Ed. 10/10 LAST NM 13/11 27/11
Add Tabulation of controlling depths from
Subsection I-2
(Supersedes 13/11-11523)
(NOS)

★11524 52Ed. 1/10 LAST NM 22/11 27/11
Delete Anchorage area and legend “ANCH 33...(see
note A)” centered 32° 46′ 49.4″N 79° 57′ 34.9″W

Change Legend to “38 FT 2011” 32° 49′ 45.7″N 79° 56′ 15.7″W

Add Tabulation of controlling depths from
Subsection I-2
(Supersedes 13/11-11524)
(NOS)

★11532 21Ed. 7/06 LAST NM 17/11 27/11
Change Visibility (range) of light “94” to 5M
33° 21′ 23.4″N 79° 15′ 53.4″W
Visibility (range) of light “2” to 5M
33° 15′ 36.5″N 79° 15′ 30.9″W
(23/11 CG7)

11534 36Ed. 8/09 LAST NM 26/11 27/11
(Side B)
Change Visibility (range) of light “94” to 5M
33° 21′ 23″N 79° 15′ 53″W
Visibility (range) of light “2” to 5M
33° 15′ 36″N 79° 15′ 31″W
(23/11 CG7)

12214 49Ed. 11/10 LAST NM 16/11 27/11
Change Light to “2” QR 15ft 6M 38° 50′ 18″N 75° 06′ 39″W
(19/11 CG5)

★12216 28Ed. 4/08 LAST NM 41/10 27/11
Change Light to “2” QR 15ft 6M 38° 50′ 17.8″N 75° 06′ 39.4″W
(19/11 CG5)

12300 48Ed. 6/10 LAST NM 26/11 27/11
Change Period of light to 10s 41° 27.0′ N 71° 24.0′ W
(16/11 CG1)

12301 22Ed. 4/29/06 LAST NM N26/11 N27/11
Change Period of light to 10s 41° 27.0′ N 71° 24.0′ W
(16/11 CG1)

12304 45Ed. 2/08 LAST NM 47/10 27/11
Change Light to “2” QR 15ft 6M 38° 50′ 18″N 75° 06′ 39″W
(19/11 CG5)

12327 104Ed. 11/10 LAST NM 26/11 27/11
Relocate Buoy “6” from 40° 39′ 09″N 74° 04′ 49″W to
40° 39′ 10″N 74° 04′ 55″W
(23/11 CG1)

12333 36Ed. 11/09 LAST NM 21/11 27/11
Add Buoy "6" R, Fl R 4s 40° 39′ 10.3″N 74° 04′ 54.6″W
(23/11 CG1)

12334 70Ed. 6/09 LAST NM 9/11 27/11
Add Buoy "6" R, Fl R 4s 40° 39′ 10.3″N 74° 04′ 54.6″W
(23/11 CG1)

★12339 46Ed. 6/08 LAST NM 52/10 27/11
Relocate Buoy "RI" from
40° 47′ 18.7″N 73° 53′ 42.4″W to
40° 47′ 20.6″N 73° 53′ 42.4″W

Buoy "4" from
40° 47′ 34.1″N 73° 53′ 41.7″W to
40° 47′ 40.8″N 73° 53′ 41.4″W
Buoy "3" from
40° 47′ 50.5″N 73° 53′ 35.6″W to
40° 47′ 53.1″N 73° 53′ 35.6″W
(21/11 CG1)

12354 43Ed. 9/10 LAST NM 19/11 27/11
Delete Buoy "NDA" 41° 16′ 14″N 72° 04′ 51″W

Add Light Fl G 4s (Priv) 41° 18′ 55″N 72° 03′ 49″W
(22, 23/11 CG1)

12372 34Ed. 11/06 LAST NM 22/11 27/11
(Page A)
Delete Buoy "NDA" 41° 16′ 14″N 72° 04′ 51″W

Add Light Fl G 4s (Priv) 41° 18′ 55″N 72° 03′ 49″W
(22, 23/11 CG1)

13006 35Ed. 4/09 LAST NM 24/11 27/11
Change Period of light to 10s 41° 27.0′ N 71° 24.0′ W
(16/11 CG1)

13205 39Ed. 12/10 LAST NM 19/11 27/11
Delete Buoy "NDA" 41° 16′ 14″N 72° 04′ 51″W

Add Light Fl G 4s (Priv) 41° 18′ 55″N 72° 03′ 49″W
(22, 23/11 CG1)

★13212 39Ed. 6/10 LAST NM 22/11 27/11
Delete Buoy "NDA" 41° 16′ 14.3″N 72° 04′ 51.0″W

Add Light Fl G 4s (Priv) 41° 18′ 54.9″N 72° 03′ 48.8″W
(22, 23/11 CG1)

★13213 42Ed. 3/11 LAST NM 20/11 27/11
Add Light Fl G 4s (Priv) 41° 18′ 54.9″N 72° 03′ 48.8″W
(22/11 CG1)

13218 41Ed. 10/09 LAST NM 21/11 27/11
Change Period of light to 10s 41° 26′ 58″N 71° 23′ 58″W
(16/11 CG1)

13221 58Ed. 5/10 LAST NM 13/11 27/11
Delete Buoy "9" 41° 35′ 27″N 71° 18′ 02″W

Change Period of light to 10s 41° 26′ 58″N 71° 23′ 58″W
(16, 21/11 CG1)

★13223 41Ed. 6/09 LAST NM 7/11 27/11
Delete Buoy "9" 41° 35′ 27.8″N 71° 18′ 02.4″W

Change Period of light to 10s 41° 26′ 57.9″N 71° 23′ 57.8″W
(16, 21/11 CG1)

13312 22Ed. 8/06 LAST NM 48/10 27/11
Delete Buoy "E" 44° 16′ 54″N 68° 28′ 12″W
Buoy "F" 44° 17′ 02″N 68° 28′ 24″W
Buoy "G" 44° 16′ 51″N 68° 28′ 42″W
Buoy "H" 44° 16′ 42″N 68° 28′ 30″W
Note: Fish haven remains
(Supersedes 48/10-13312)
(23/11 CG1)

★13316 22Ed. 5/03 LAST NM 48/10 27/11
Delete Buoy "E" 44° 16′ 54″N 68° 28′ 12″W
Buoy "F" 44° 17′ 02″N 68° 28′ 24″W
Buoy "G" 44° 16′ 51″N 68° 28′ 42″W
Buoy "H" 44° 16′ 42″N 68° 28′ 30″W
Note: Fish haven remains
(Supersedes 48/10-13316)
(23/11 CG1)

16016 21Ed. 10/07 LAST NM 28/10 27/11
Relocate Superbuoy ODAS "46084" from
56° 36.7′ N 136° 03.9′ W to 56° 37.2′ N 136° 02.7′ W
(Supersedes 28/10-16016)
(22/11 CG17)

16580 14Ed. 1/08 LAST NM 24/11 27/11
Change Visibility (range) of light to 6M 58° 00.1′ N 152° 41.2′ W
(20/11 CG17)

★16594 13Ed. 4/4/98 LAST NM 24/11 27/11
Change Visibility (range) of light to 6M
58° 00′ 07″N 152° 41′ 10″W
(20/11 CG17)

16663 8Ed. 3/06 LAST NM 11/11 27/11
Substitute Depth 6 fathoms 3 feet Rk [K14.1] for
7 fathoms 3 feet 61° 13′ 11″N 150° 00′ 52″W
(22/11 CG17)

★16665 9Ed. 3/06 LAST NM 11/11 27/11
Substitute Depth 39 feet Rk [K14.1] for 45 feet
61° 13′ 11″N 150° 00′ 52″W

(Inset)
Substitute Depth 39 feet Rk [K14.1] for 45 feet
61° 13′ 10.8″N 150° 00′ 51.6″W
(22/11 CG17)

★17320 18Ed. 3/08 LAST NM 13/11 27/11
Relocate Superbuoy ODAS "46084" from
56° 36.7′ N 136° 03.9′ W to 56° 37.2′ N 136° 02.7′ W
(Supersedes 28/10-17320)
(22/11 CG17)

★17326 16Ed. 11/07 LAST NM 34/10 27/11
Delete Depth 0 fathom 5 feet Rk 56° 44′ 26″N 135° 16′ 34″W
(NOS)

17328 7Ed. 11/03 LAST NM 8/09 27/11
Delete Depth ¾ fathom Rk 56° 44′ 26″N 135° 16′ 34″W
(See 39/07-17328)
(NOS)

★17376 8Ed. 8/08 LAST NM 13/11 27/11
Add Depth 5¼ fathoms Rk [K14.2] 56° 33′ 22″N 134° 19′ 40″W
(NOS)

18423 37Ed. 10/09 LAST NM 21/11 27/11
(Page B, Inset 2)
Add Light Fl 4s (Priv) 48° 30′ 31.9″N 122° 36′ 19.6″W
(21/11 CG13)

★18427 23Ed. 9/06 LAST NM 8/11 27/11
Add Light Fl 4s (Priv) 48° 30′ 31.9″N 122° 36′ 19.6″W
(21/11 CG13)

★18449 19Ed. 5/11 NEW EDITION 27/11
(NOS)

★18465 38Ed. 5/08 LAST NM 40/10 27/11
Relocate Buoy "2" from 48° 10′ 19″N 123° 43′ 27″W
to 48° 10′ 20″N 123° 43′ 35″W
(20/11 CG13)

★18474 9Ed. 5/11 NEW EDITION 27/11
(NOS)

★18521 74Ed. 8/09 LAST NM 26/11 27/11

Delete Purple solid-line area in vicinity
46° 12′ 36″N 123° 47′ 46″W
Note: Legend “ANCH...note A)” remains

Change Visibility (range) of light to 4M
46° 13′ 32″N 123° 57′ 19″W

Add Anchorage area [N12.1] bound by purple solid line joining
46° 12′ 01″N 123° 49′ 55″W
46° 12′ 02″N 123° 49′ 40″W
46° 13′ 15″N 123° 46′ 28″W
46° 13′ 01″N 123° 46′ 17″W
46° 11′ 52″N 123° 49′ 18″W
46° 11′ 46″N 123° 49′ 43″W
46° 11′ 45″N 123° 49′ 49″W
46° 11′ 44″N 123° 49′ 59″W

(NOS; 20/11 CG13)

★18524 36Ed. 12/06 LAST NM 24/11 27/11

(Left Panel)

Delete Purple solid-line area in vicinity
46° 07′ 02″N 122° 58′ 40″W
Note: Legend “ANCHORAGE...note A)” remains

Add Anchorage area [N12.1] bound by purple solid line joining
46° 05′ 57″N 122° 56′ 53″W
46° 05′ 14″N 122° 54′ 46″W
46° 04′ 57″N 122° 54′ 12″W
46° 04′ 38″N 122° 53′ 46″W
46° 04′ 14″N 122° 53′ 24″W
46° 03′ 55″N 122° 53′ 12″W
46° 03′ 35″N 122° 53′ 03″W
46° 03′ 32″N 122° 53′ 20″W
46° 03′ 51″N 122° 53′ 28″W
46° 04′ 08″N 122° 53′ 39″W
46° 04′ 29″N 122° 53′ 58″W
46° 04′ 50″N 122° 54′ 22″W
46° 05′ 07″N 122° 54′ 51″W
46° 05′ 50″N 122° 56′ 58″W

Legend “ANCHORAGE AREA 110.228 (see note A)” 46° 05′ 17″N 122° 55′ 07″W

Anchorage area [N12.1] bound by purple solid line joining
46° 01′ 22″N 122° 52′ 18″W
46° 01′ 24″N 122° 52′ 21″W
46° 01′ 22″N 122° 52′ 09″W

Anchorage area [N12.1] bound by purple solid line joining
46° 06′ 29″N 122° 57′ 38″W
46° 06′ 42″N 122° 58′ 01″W
46° 07′ 23″N 122° 59′ 01″W
46° 07′ 36″N 122° 59′ 19″W
46° 07′ 28″N 122° 59′ 31″W
46° 07′ 15″N 122° 59′ 13″W
46° 06′ 42″N 122° 58′ 28″W
46° 06′ 34″N 122° 58′ 14″W
46° 06′ 32″N 122° 58′ 09″W
46° 06′ 22″N 122° 57′ 43″W

(Right Panel)

Delete Purple solid-line area in vicinity
46° 00′ 20″N 122° 51′ 16″W
Note: Legend “ANCHORAGE...note A)” remains

Add Anchorage area [N12.1] bound by purple solid line joining
46° 01′ 20″N 122° 52′ 04″W
46° 00′ 58″N 122° 51′ 35″W
46° 00′ 54″N 122° 51′ 30″W
46° 00′ 35″N 122° 51′ 15″W
45° 59′ 41″N 122° 50′ 52″W
45° 59′ 39″N 122° 51′ 06″W
46° 00′ 37″N 122° 51′ 31″W
46° 00′ 51″N 122° 51′ 45″W
46° 01′ 24″N 122° 52′ 21″W

(NOS)

★18525 36Ed. 4/09 LAST NM 24/11 27/11

Delete Purple solid-line area in vicinity
45° 39′ 03″N 122° 45′ 31″W
Note: Legend “ANCH...note A)” remains

Purple solid-line area in vicinity
45° 42′ 50″N 122° 45′ 50″W
Note: Legend “ANCH...note A)” remains

Purple solid-line area in vicinity
45° 38′ 26″N 122° 43′ 53″W
Note: Legend “ANCH...note A)” remains

Add Anchorage area [N12.1] bound by purple solid line joining
45° 39′ 10″N 122° 45′ 36″W
45° 38′ 59″N 122° 45′ 16″W
45° 38′ 51″N 122° 45′ 26″W
45° 39′ 06″N 122° 45′ 40″W

Anchorage area [N12.1] bound by purple solid line joining
45° 43′ 39″N 122° 45′ 27″W
45° 41′ 27″N 122° 46′ 14″W
45° 40′ 36″N 122° 46′ 10″W
45° 40′ 24″N 122° 46′ 04″W
45° 40′ 21″N 122° 46′ 16″W
45° 40′ 33″N 122° 46′ 22″W
45° 41′ 01″N 122° 46′ 27″W
45° 41′ 29″N 122° 46′ 26″W
45° 43′ 41″N 122° 45′ 40″W

“ANCHORAGE AREA 110.228 (see note A)” [N12.1] bound by purple solid line joining
45° 40′ 10″N 122° 45′ 58″W
45° 39′ 43″N 122° 45′ 44″W
45° 39′ 40″N 122° 45′ 56″W
45° 40′ 07″N 122° 46′ 09″W

Anchorage area [N12.1] bound by purple solid line joining
45° 38′ 17″N 122° 42′ 55″W
45° 38′ 12″N 122° 42′ 44″W
45° 37′ 41″N 122° 41′ 44″W
45° 37′ 36″N 122° 41′ 49″W
45° 37′ 52″N 122° 42′ 19″W
45° 38′ 11″N 122° 43′ 09″W
45° 38′ 19″N 122° 43′ 45″W
45° 38′ 41″N 122° 44′ 40″W
45° 38′ 43″N 122° 44′ 39″W
45° 38′ 27″N 122° 43′ 26″W

(NOS)

18561 12Ed. 11/03 LAST NM 19/11 27/11

Delete Dangerous rock awash 44° 36′ 39″N 124° 04′ 56″W

Add Legend “Rk” to depth 2 fathoms 1 foot
44° 36′ 15″N 124° 05′ 10″W

(NOS)

★18581 18Ed. 10/08 LAST NM 26/11 27/11

Delete Dangerous rock awash 44° 36′ 38.6″N 124° 04′ 55.7″W
Position circle “Dol” 44° 37′ 36.4″N 124° 03′ 20.0″W

Designation “CG” from buoy (mooring)
44° 37′ 35.0″N 124° 02′ 22.0″W

Depth 12 feet 44° 37′ 00.4″N 124° 03′ 44.8″W
Depth 23 feet 44° 36′ 42.9″N 124° 00′ 55.0″W

Position circle “Subm pile”
44° 37′ 05.1″N 124° 03′ 41.8″W

Substitute Depth 18 feet Rk [K14.2] for 21 feet
44° 36′ 49.9″N 124° 04′ 13.9″W

Add Depth 15 feet Obstn [K41] 44° 37′ 49.2″N 124° 03′ 04.2″W
Depth 16 feet Obstn [K41] 44° 35′ 50.4″N 124° 00′ 40.7″W
Depth 21 feet Obstn [K41] 44° 37′ 36.5″N 124° 03′ 19.2″W

Position circle “Piles (4)” [F22]
44° 37′ 36.2″N 124° 03′ 20.6″W

Legend “Rk” to depth 13 feet
44° 36′ 15.3″N 124° 05′ 10.4″W
Depth 9 feet Rk [K14.1] 44° 36′ 28.4″N 124° 00′ 42.3″W
Depth 15 feet Rk [K14.2] 44° 36′ 40.7″N 124° 04′ 35.6″W
Depth 16 feet Rk [K14.2] 44° 36′ 42.6″N 124° 00′ 54.4″W
Depth 16 feet Rk [K14.2] 44° 36′ 47.2″N 124° 04′ 34.2″W
Depth 16 feet Rk [K14.2] 44° 36′ 48.8″N 124° 04′ 28.5″W

(continued on next page)

18581 (Continued)
Depth 17 feet Rk [K14.2] 44° 36′ 52.0″N 124° 04′ 20.7″W
Depth 18 feet Rk [K14.2] 44° 36′ 56.9″N 124° 03′ 56.4″W
Depth 6 feet Rk [K14.2] 44° 36′ 37.8″N 124° 00′ 49.1″W
Depth 8 feet Rk [K14.2] 44° 37′ 00.7″N 124° 03′ 45.2″W
(NOS)

★18651 44Ed. 4/06 LAST NM 51/10 27/11
Change Period of light "2" to 5s 37° 35′ 37.8″N 122° 18′ 47.9″W
(20/11 CG11)

18652 36Ed. 2/11 LAST NM 24/11 27/11
(Page A, Inset 3)
Change Period of light "2" to 5s 37° 35′ 37.8″N 122° 18′ 47.9″W

(Page C)
Delete Buoy (mooring) 38° 00′ 12″N 122° 25′ 56″W
(20/11 CG11)

★18654 45Ed. 1/11 LAST NM 24/11 27/11
Delete Buoy (mooring) 38° 00′ 12.0″N 122° 25′ 56.0″W
(20/11 CG11)

★21483 1Ed. 10/23/93 LAST NM 6/11 27/11
Delete Buoy and legend "Rep (2011)"
13° 53′ 12.0″N 90° 45′ 30.0″W
Buoy and legend "Rep (2011)"
13° 52′ 54.0″N 90° 46′ 12.0″W
(Supersedes 6/11-21483)
(NTM0002/2011)

21489 1Ed. 1/29/94 LAST NM 6/11 27/11
Delete Buoy and legend "Rep (2011)" 13° 53′ 12″N 90° 45′ 30″W
Buoy and legend "Rep (2011)" 13° 52′ 54″N 90° 46′ 12″W
(Supersedes 6/11-21489)
(NTM0002/2011)

22052 7Ed. 2/7/04 LAST NM 18/11 27/11
Delete Beacon 3° 53′ 39.1″N 77° 03′ 45.3″W

(Plan)
Delete Beacon 3° 53′ 39.1″N 77° 03′ 45.3″W
(105/11 Bogota)

22140 2Ed. 4/20/96 LAST NM 45/10 27/11
Add Dangerous wreck [K28] 9° 02.7′ S 78° 40.7′ W
(4(20)11 Callao)

22142 2Ed. 2/3/96 LAST NM 45/10 27/11
Add Dangerous wreck [K28] 9° 02′ 39″S 78° 40′ 42″W
(4(20)11 Callao)

22172 8Ed. 10/12/02 LAST NM 20/11 27/11
Add Dangerous wreck [K28] 12° 02′ 22.9″S 77° 10′ 00.3″W
(4(21)11 Callao)

22173 36Ed. 10/12/02 LAST NM 20/11 27/11
Add Dangerous wreck [K28] 12° 02′ 23″S 77° 10′ 00″W
Dangerous wreck [K28] 12° 00′ 48″S 77° 10′ 36″W
(4(21, 22)11 Callao)

★22343 2Ed. 4/23/11 NEW EDITION N27/11
(NGA)

★22345 11Ed. 9/23/89 CHART CANCELED 27/11
(NGA)

★22351 3Ed. 4/23/11 NEW EDITION N27/11
(NGA)

22461 1Ed. 1/1/92 LAST NM N25/11 N27/11
Delete Buoys (mooring) (5) and legend "Boyones de Amarre (PA)" in vicinity 53° 16′ 50″S 68° 14′ 11″W

Add Danger circle "Foul" [K31] radius 1000 feet, centered 53° 16′ 50″S 68° 14′ 11″W
Danger circle "Foul" [K31] radius 1000 feet, centered 53° 17′ 30″S 68° 16′ 54″W
(1(15)05 Buenos Aires)

★24052 17Ed. 4/30/11 NEW EDITION N27/11
(NGA)

★24053 17Ed. 4/2/11 NEW EDITION N27/11
(NGA)

24162 10Ed. 1/29/11 LAST NM N19/11 N27/11
Add Depth 34 meters 22° 53′ 36.6″S 43° 08′ 59.4″W
(9(73)11 Rio de Janeiro)

24430 5Ed. 8/7/93 LAST NM 45/10 27/11
Change Light to Fl 5s 70m 19M 11° 10.5′ N 63° 53.0′ W
(9/11 Caracas)

24508 4Ed. 4/3/10 LAST NM 16/11 27/11
Relocate Buoy "7" from
10° 19′ 00.0″N 75° 34′ 46.1″W to
10° 19′ 00.7″N 75° 34′ 44.7″W
and change period to 3s

Buoy "10" from
10° 18′ 50.6″N 75° 33′ 46.8″W to
10° 18′ 51.5″N 75° 33′ 47.7″W

Change Period of buoy "6" to 3s 10° 18′ 56.0″N 75° 34′ 51.1″W
Period of buoy "6A" to 3s 10° 18′ 57.0″N 75° 34′ 46.1″W
Period of buoy "6B" to 3s 10° 18′ 57.1″N 75° 34′ 35.5″W
(45-48, 51/2011 Bogota)

24510 3Ed. 4/24/10 LAST NM 16/11 27/11
Change Period of buoy "6" to 3s 10° 18′ 56.0″N 75° 34′ 51.1″W
Period of buoy "6A" to 3s 10° 18′ 57.0″N 75° 34′ 46.1″W
Period of buoy "6B" to 3s 10° 18′ 57.1″N 75° 34′ 35.5″W
Period of buoy "7" to 3s 10° 19′ 00.0″N 75° 34′ 46.1″W
(45-48/2011 Bogota)

25527 31Ed. 12/10/94 LAST NM 18/11 27/11
Change Visibility (range) of range light, front to 18M
14° 36′ 15.6″N 61° 03′ 44.8″W
Visibility (range) of range light, rear to 18M
14° 36′ 20.5″N 61° 03′ 44.3″W
(See 14/08-25527)
(UKHO LL)

★28082 19Ed. 10/2/10 LAST NM 26/11 27/11
(Plan)
Delete Legend "(2.3)" 11° 59′ 40.2″N 83° 41′ 53.0″W
(NTM0002/2011)

29040 3Ed. 9/12/98 LAST NM 33/10 27/11
Delete Depth 9.1 meters 54° 37.0′ S 35° 55.2′ W

Substitute Depth 12 meters for 25 meters 54° 49.5′ S 35° 59.0′ W
Depth 5 meters for 18.3 meters 54° 35.8′ S 35° 54.3′ W

Add Depth 10 meters 54° 43.7′ S 35° 45.0′ W
(19(246, 247)05 Buenos Aires)

37120 3Ed. 3/3/07 LAST NM 26/11 27/11
Substitute Depth 9.6 meters enclosed by depth contour (10-meter) for 10.9 meters 51° 26.4′ N 2° 19.4′ E
Depth 4.9 meters enclosed by depth contour (5-meter) for 5.5 meters 51° 17.2′ N 2° 42.8′ E

Depth 9.9 meters for 10.9 meters 51° 22.3′ N 2° 46.8′ E
and extend depth contour (10-meter) SW to enclose

Add Depth 5.4 meters 51° 18.1′ N 2° 23.9′ E
Depth 21.5 meters 51° 21.4′ N 2° 25.0′ E
Depth 16.3 meters 51° 23.5′ N 2° 36.8′ E

Depth 19.8 meters enclosed by depth contour (20-meter) 51° 23.4′ N 2° 42.7′ E

(continued on next page)

37120 (Continued)
Depth 19.6 meters enclosed by depth contour (20-meter) 51° 30.0′ N 2° 58.7′ E
Depth 19.9 meters enclosed by depth contour (20-meter) 51° 32.2′ N 3° 01.1′ E
Depth 19.9 meters enclosed by depth contour (20-meter) 51° 31.7′ N 3° 00.8′ E
(11(174)11 Oostende)

37129 7Ed. 10/2/10 LAST NM N25/11 N27/11
Delete Depth 11 meters 51° 25.64′ N 2° 21.69′ E
Depth 27.5 meters 51° 21.60′ N 2° 25.28′ E
Depth 5.4 meters 51° 17.32′ N 2° 42.87′ E
Depth 8.6 meters 51° 16.82′ N 2° 44.90′ E
Depth 18.5 meters 51° 21.08′ N 2° 46.60′ E
Depth 15.9 meters 51° 19.73′ N 2° 48.93′ E

Relocate Depth contour (10-meter) close NE to include position 51° 25.69′ N 2° 21.75′ E

Substitute Depth 11.4 meters for 13.5 meters 51° 26.26′ N 2° 18.50′ E

Depth 9.6 meters enclosed by depth contour (10-meter) for 10.7 meters 51° 26.37′ N 2° 19.35′ E

Depth 13 meter for 14.4 meters 51° 27.04′ N 2° 20.20′ E
Depth 7.1 meter for 7.8 meters 51° 24.90′ N 2° 20.70′ E
Depth 5.4 meters for 6.7 meters 51° 18.14′ N 2° 23.85′ E

Depth 19.8 meters enclosed by depth contour (20-meter) for 20.7 meters 51° 23.39′ N 2° 42.66′ E

Depth 9.9 meters for 10.8 meters 51° 22.34′ N 2° 46.82′ E
and extend depth contour (10-meter) W to enclose

Depth 6.5 meter for 7.1 meters 51° 18.42′ N 2° 40.32′ E
Depth 6.9 meter for 8.6 meters 51° 18.93′ N 2° 40.65′ E
Depth 8.6 meter for 9.3 meters 51° 18.77′ N 2° 41.03′ E

Add Buoy “aKUST” (wave recorder) Y, pillar, Fl(5) Y 20s 51° 16.40′ N 2° 26.74′ E

Depth 21.5 meters 51° 21.44′ N 2° 24.98′ E
Depth 16.6 meters 51° 23.14′ N 2° 36.13′ E
Depth 16.3 meters 51° 23.52′ N 2° 36.80′ E

Depth 9.8 meters 51° 22.85′ N 2° 49.21′ E
and extend depth contour (10-meter) N to enclose

Depth 4.9 meters enclosed by depth contour (5-meter) 51° 17.23′ N 2° 42.78′ E

Depth 6.3 meters 51° 16.67′ N 2° 44.98′ E
Depth 17.6 meters 51° 21.13′ N 2° 46.81′ E
Depth 14.5 meters 51° 19.56′ N 2° 48.90′ E
(11(166, 174)11 Oostende)

37244 11Ed. 2/1/97 LAST NM 26/11 27/11
Add Depth 9.6 meters 51° 26.4′ N 2° 19.4′ E
and extend depth contour (10-meter) S to enclose

Depth 16.6 meters 51° 23.1′ N 2° 36.1′ E
Depth 16.3 meters 51° 23.5′ N 2° 36.8′ E

Depth 19.8 meters enclosed by depth contour (20-meter) 51° 23.4′ N 2° 42.7′ E

Depth 9.9 meters 51° 22.3′ N 2° 46.8′ E
and extend depth contour (10-meter) W to enclose

Depth 19.6 meters enclosed by depth contour (20-meter) 51° 30.0′ N 2° 58.7′ E
Depth 19.9 meters enclosed by depth contour (20-meter) 51° 32.2′ N 3° 01.1′ E
Depth 19.9 meters enclosed by depth contour (20-meter) 51° 31.7′ N 3° 00.8′ E
(11(174)11 Oostende)

37248 19Ed. 3/4/06 LAST NM 26/11 27/11
Delete Depth 18.8 meters 51° 21′ 12″N 2° 46′ 46″E
Depth 22 meters 51° 34′ 52″N 2° 58′ 11″E

Add Danger circle “Obstn” [K40] marked by buoy “Belgica A962” Y, pillar 51° 21′ 32″N 3° 06′ 58″E

Light Q to buoy “Wk 14” 51° 22′ 06″N 3° 15′ 43″E

Depth 19.8 meters enclosed by depth contour (20-meter) 51° 23′ 23″N 2° 42′ 40″E
Depth 9.9 meters enclosed by depth contour (10-meter) 51° 22′ 20″N 2° 46′ 52″E

Depth 9.8 meters 51° 22′ 51″N 2° 49′ 13″E
and extend depth contour (10-meter) W to enclose

Depth 6.9 meters 51° 18′ 56″N 2° 40′ 39″E
and extend depth contour (10-meter) E to enclose

Depth 8.6 meters 51° 18′ 46″N 2° 41′ 02″E

Depth 4.9 meters enclosed by depth contour (5-meter) 51° 17′ 14″N 2° 42′ 47″E

Depth 6.3 meters 51° 16′ 40″N 2° 44′ 59″E
Depth 17.6 meters 51° 21′ 08″N 2° 46′ 49″E
Depth 14.5 meters 51° 19′ 34″N 2° 48′ 54″E
Depth 20.2 meters 51° 34′ 42″N 2° 58′ 22″E

Depth 19.9 meters enclosed by depth contour (20-meter) 51° 31′ 41″N 3° 00′ 47″E
(10(156, 157), 11(174)11 Oostende)

43321 6Ed. 1/17/98 LAST NM 21/11 27/11
Add Submarine cable [L30.1] joining 60° 08′ 33″N 5° 11′ 10″E
60° 08′ 44″N 5° 11′ 21″E
60° 08′ 56″N 5° 11′ 09″E
(8(35054)11 Stavanger)

43323 4Ed. 6/5/99 LAST NM 16/11 27/11
Add Submarine cable [L30.1] joining 60° 05′ 19″N 5° 12′ 04″E
60° 05′ 37″N 5° 12′ 12″E
60° 05′ 41″N 5° 12′ 33″E

Submarine cable [L30.1] joining 60° 08′ 33″N 5° 11′ 10″E
60° 08′ 44″N 5° 11′ 21″E
60° 08′ 56″N 5° 11′ 09″E

Submarine cable [L30.1] between 60° 03′ 18″N 5° 05′ 52″E
60° 03′ 29″N 5° 05′ 55″E

Submarine cable [L30.1] joining 60° 05′ 27″N 5° 10′ 52″E
60° 05′ 37″N 5° 10′ 44″E
60° 05′ 43″N 5° 10′ 35″E
60° 05′ 41″N 5° 10′ 25″E
60° 05′ 35″N 5° 10′ 02″E

Submarine cable [L30.1] between 60° 00′ 25″N 5° 12′ 26″E
60° 00′ 34″N 5° 12′ 26″E
(8(34980, 35016, 35054, 35096, 35097)11 Stavanger)

43324 4Ed. 9/18/99 LAST NM 17/11 27/11
(Plan B)
Substitute Depth 25 meters for 30 meters
59° 24′ 32.4″N 5° 15′ 04.3″E
Depth 30 meters for 34 meters
59° 24′ 22.5″N 5° 15′ 36.0″E

Add Depth 11 meters 59° 25′ 19.5″N 5° 15′ 06.6″E
(8(35034)11 Stavanger)

43342 7Ed. 10/3/98 LAST NM 26/11 27/11
Add Dangerous wreck [K28] 58° 57′ 03″N 5° 44′ 47″E
(8(34981)11 Stavanger)

★44065 8Ed. 3/26/11 NEW EDITION N27/11
(NGA)

52160 7Ed. 9/27/86 LAST NM 26/11 27/11
Add Dangerous wreck [K28] (PA) 34° 27.9′ N 10° 54.9′ E
(18(25)11 Brest)

52161 14Ed. 1/7/95 LAST NM 10/10 27/11
Add Dangerous wreck [K28] (PA) 34° 27′ 54″N 10° 54′ 54″E
(18(25)11 Brest)

63005 18Ed. 2/26/94 LAST NM 24/11 27/11
Add Wreck [K29] (PA) 16° 24.6′ N 71° 53.3′ E
(4(70)11 Dehra Dun)

63100 2Ed. 10/16/82 LAST NM 16/11 27/11
Change Visibility (range) of light to 29M 16° 36.3′ N 73° 19.3′ E
Characteristic of light to L Fl WRG 9s
16° 33.7′ N 73° 20.1′ E

Add Wreck [K29] (PA) 16° 24.6′ N 71° 53.3′ E
(4(70), 11(162)11 Dehra Dun)

71340 11Ed. 7/25/92 LAST NM 21/11 27/11
Change Light to Fl 6s 5m 5M 3° 58.1′ N 113° 42.5′ E
(35/11 Sarawak; UKHO LL)

76120 6Ed. 11/29/97 LAST NM 31/09 27/11
(Plan)
Substitute Danger circle "Obstn" [K40] for
foul ground symbol 48° 01.1′ S 166° 37.1′ E
(See 15/98-76120)
(12(147)11 Wellington)

★81782 3Ed. 4/9/11 NEW EDITION 27/11
(NGA)

91005 6Ed. 6/15/96 LAST NM 22/11 27/11
Change Visibility (range) of light to 20M 11° 35.7′ N 121° 42.0′ E
(4(77)06 Manila; UKHO LL)

91294 8Ed. 3/29/86 LAST NM 24/11 27/11
Add Buoy "LBY-2" G, pillar, cone topmark, Fl G 5s
14° 38′ 11.5″ N 120° 56′ 22.3″ E
(4(72)06 Manila; UKHO ARCS 3932-0)

91297 9Ed. 3/29/86 LAST NM 26/11 27/11
Add Buoy "LBY-2" G, pillar, cone topmark, Fl G 5s
14° 38′ 11.5″ N 120° 56′ 22.3″ E
(4(72)06 Manila; UKHO ARCS 3932-0)

92025 3Ed. 2/11/84 LAST NM 26/11 27/11
Change Light to Fl R 5s 52ft 15M 11° 15.2′ N 125° 00.2′ E
Period of light to 10s 11° 15.6′ N 125° 04.5′ E
(4(88, 89)06 Manila; UKHO LL)

92060 3Ed. 6/13/98 LAST NM 26/11 27/11
Change Characteristic of light to Fl R 5s
11° 15′ 05″ N 125° 00′ 19″ E
(4(88)06 Manila)

92061 3Ed. 3/27/76 LAST NM 10/11 27/11
Change Light to Fl R 5s 52ft 15M 11° 15′ 10″ N 125° 00′ 14″ E
Characteristic of light to Fl(2) 10s
11° 15′ 34″ N 125° 04′ 33″ E

(Plan)
Change Light to Fl R 5s 52ft 15M 11° 15′ 10.0″ N 125° 00′ 14.0″ E
(4(88, 89)06 Manila; UKHO LL)

92070 3Ed. 8/22/98 LAST NM 52/06 27/11
Change Characteristic of light to Fl R 5s
11° 15′ 05″ N 125° 00′ 19″ E
(4(88)06 Manila)

93006 3Ed. 3/15/08 LAST NM 26/11 27/11
Substitute Depth 27 meters Wk [K26] for 20.5 meters Wk
22° 13.2′ N 114° 19.8′ E
(9(16)11 Hong Kong)

93721 6Ed. 4/26/08 LAST NM N26/11 N27/11
Substitute Depth 8.3 meters Obstn "Rep (2011)" [K41]
(PA) for danger circle "Obstn Rep (2011)" (PA)
22° 08′ 12″ N 113° 46′ 19″ E
(See N26/11-93721)

Add Depth 5 meters, blue tint and enclosing
depth contour (5-meter) centered
22° 17′ 01″ N 113° 48′ 54″ E
(11(21, 22)11 Hong Kong)

93733 14Ed. 1/19/08 LAST NM N14/11 N27/11
Substitute Depth 14.6 meters for 11.3 meters
22° 12′ 21″ N 114° 09′ 41″ E

Depth 27 meters Wk [K26] for 20.5 meters Wk
22° 13′ 16″ N 114° 19′ 47″ E
(8(14), 9(16)11 Hong Kong)

93734 13Ed. 10/20/07 LAST NM N8/11 N27/11
Substitute Depth 14.6 meters for 15.5 meters
22° 12′ 20.6″ N 114° 09′ 40.8″ E
Depth 27 meters Wk [K26] for 20.5 meters Wk
22° 13′ 15.8″ N 114° 19′ 47.1″ E
(8(14), 9(16)11 Hong Kong)

Chart 11299 NM N27/11

CORPUS CHRISTI CHANNEL DEPTHS

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF APR 2011

CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
ARANSAS PASS: SEA BAR CHANNEL	48.0	50.0	50.0	48.5	3-11	700-600	2.79	47
JETTY CHANNEL	51.0	51.0	51.0	51.0	3-11	600	1.28	47-45
INNER BASIN AT HARBOR ISLAND	38.0	46.0	42.0	40.0	2-11	600-1559	0.63	45
INNER BASIN MAIN CHANNEL	51.0	51.0	51.0	51.0	4-11	600	0.63	45

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

Chart 11301 NM 27/11

BROWNSVILLE AND PORT ISABEL HARBORS CHANNEL DEPTHS

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF MAR 2011

CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (MILES)	DEPTH MLLW (FEET)
BRAZOS SANTIAGO PASS:								
ENTRANCE CHANNEL	40.2	39.5	40.0	38.2	11-10	300	1.9	44
JETTY CHANNEL	46.3	45.1	45.8	45.3	3-11	300-400	1.9	42
LAGUNA MADRE CHANNEL	44.0	45.3	44.8	45.7	3-11	250	2.9	42
BROWNSVILLE SHIP CHANNEL:								
JUNCTION BASIN TO BOCA CHICA PASSING BASIN	41.8	43.6	43.5	42.7	4-10	250	4.0	42
BOCA CHICA PASSING BASIN TO GOOSE I. PASSING BASIN	41.2	43.8	43.6	40.3	5-10	250	5.4	42
GOOSE I. PASSING BASIN TO BROWNSVILLE TURNING BASIN	41.3	43.4	43.7	40.3	6-10	300	2.8	42
BROWNSVILLE TURNING BASIN EXT.	26.7	43.5	43.3	42.2	5-10	500	1.4	42
BROWNSVILLE TURNING BASIN	31.2	37.3	37.3	37.5	5-10	500-1200	0.5	36
PORT ISABEL CHANNEL:								
EAST WYE	33.6	33.5	31.4	29.9	9-10	200	1.2	36
TURNING BASIN	34.3	36.4	36.6	31.1	5-10	1000	0.25	36
WEST WYE	27.0	28.7	30.0	26.4	9-10	200	1.0	36

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

Chart 11302 (Side B) NM 27/11

BROWNSVILLE AND PORT ISABEL HARBORS CHANNEL DEPTHS

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF MAR 2011

CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (MILES)	DEPTH MLLW (FEET)
BRAZOS SANTIAGO PASS:								
ENTRANCE CHANNEL	40.2	39.5	40.0	38.2	11-10	300	1.9	44
JETTY CHANNEL	46.3	45.1	45.8	45.3	3-11	300-400	1.9	42
LAGUNA MADRE CHANNEL	44.0	45.3	44.8	45.7	3-11	250	2.9	42
BROWNSVILLE SHIP CHANNEL:								
JUNCTION BASIN TO BOCA CHICA PASSING BASIN	41.8	43.6	43.5	42.7	4-10	250	4.0	42
BOCA CHICA PASSING BASIN TO GOOSE I. PASSING BASIN	41.2	43.8	43.6	40.3	5-10	250	5.4	42
GOOSE I. PASSING BASIN TO BROWNSVILLE TURNING BASIN	41.3	43.4	43.7	40.3	6-10	300	2.8	42
BROWNSVILLE TURNING BASIN EXT.	26.7	43.5	43.3	42.2	5-10	500	1.4	42
BROWNSVILLE TURNING BASIN	31.2	37.3	37.3	37.5	5-10	500-1200	0.5	36
PORT ISABEL CHANNEL:								
EAST WYE	33.6	33.5	31.4	29.9	9-10	200	1.2	36
TURNING BASIN	34.3	36.4	36.6	31.1	5-10	1000	0.25	36
WEST WYE	27.0	28.7	30.0	26.4	9-10	200	1.0	36

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

Chart 11305 NM N27/11

CORPUS CHRISTI CHANNEL DEPTHS

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF APR 2011

CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (MILES)	DEPTH MLLW (FEET)
HUMBLE BASIN TO JCT LA QUINTA CH	39.0	45.0	41.0	45.0	2-11	600-500	10.0	45
LA QUINTA CH JCT TO BCN 82	41.0	50.0	50.0	42.0	3-11	400	9.66	45
CHANNEL TO LA QUINTA	47.0	46.8	47.4	48.8	4-11	300-400	5.49	45
TURNING BASIN	48.6	50.0	50.0	50.4	4-11	1200	0.35	45

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

Chart 11309 NM 27/11

CORPUS CHRISTI CHANNEL DEPTHS

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF APR 2011

CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (MILES)	DEPTH MLLW (FEET)
ARANSAS PASS: SEA BAR CHANNEL	48.0	50.0	50.0	48.5	3-11	700-600	2.79	47
JETTY CHANNEL	51.0	51.0	51.0	51.0	3-11	600	1.28	47-45
INNER BASIN AT HARBOR ISLAND	38.0	46.0	42.0	40.0	2-11	600-1559	0.63	45
INNER BASIN MAIN CHANNEL	51.0	51.0	51.0	51.0	4-11	600	0.63	45
HUMBLE BASIN TO JCT LA QUINTA CH	39.0	45.0	41.0	45.0	2-11	600-500	10.0	45
LA QUINTA CH JCT TO BCN 82	41.0	50.0	50.0	42.0	3-11	400	9.66	45
BCN 82 TO MAIN TURNING BASIN	47.2	48.3	47.2	46.4	8-10	400-300	0.91	45
CHANNEL TO LA QUINTA	47.0	46.8	47.4	48.8	4-11	300-400	5.49	45
TURNING BASIN	48.6	50.0	50.0	50.4	4-11	1200	0.35	45

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

Chart 11310 NM N27/11

CORPUS CHRISTI CHANNEL DEPTHS

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF APR 2011

CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
ARANSAS PASS: SEA BAR CHANNEL	48.0	50.0	50.0	48.5	3-11	700-600	2.79	47
JETTY CHANNEL	51.0	51.0	51.0	51.0	3-11	600	1.28	47-45
INNER BASIN AT HARBOR ISLAND	38.0	46.0	42.0	40.0	2-11	600-1559	0.63	45
INNER BASIN MAIN CHANNEL	51.0	51.0	51.0	51.0	4-11	600	0.63	45
HUMBLE BASIN TO JCT LA QUINTA CH	39.0	45.0	41.0	45.0	2-11	600-500	10.0	45

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

Chart 11311 NM 27/11

CORPUS CHRISTI CHANNEL DEPTHS

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF APR 2011

CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (MILES)	DEPTH MLLW (FEET)
LA QUINTA CH JCT TO BCN 82	41.0	50.0	50.0	42.0	3-11	400	9.66	45
BCN 82 TO MAIN TURNING BASIN	47.2	48.3	47.2	46.4	8-10	400-300	0.91	45
CORPUS CHRISTI:								
MAIN TURNING BASIN	40.4	44.8	45.4	38.9	3-09	300-800	1.21	45
INDUSTRIAL CANAL	44.4	46.7	46.7	40.6	8-09	400	0.59	45
AVERY POINT								
TURNING BASIN	44.5	45.0	46.4	43.0	9-09	400-975	0.47	45
CHEMICAL TURNING BASIN	46.5	47.3	46.4	45.2	9-09	400-1200	0.48	45
TULE LAKE CHANNEL	44.2	47.7	46.9	45.6	10-09	200-400	3.79	45
TULE LAKE TURNING BASIN	45.2	46.2	45.2	39.5	9-09	1200-300	0.45	45
VIOLA CHANNEL	42.3	46.0	43.7	33.0	8-09	300-200	1.71	45
VIOLA TURNING BASIN	45.6	46.6	46.6	35.2	10-09	700-900	0.3	45

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

Chart 11312 NM 27/11

CORPUS CHRISTI CHANNEL DEPTHS

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF APR 2011

CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
ARANSAS PASS: SEA BAR CHANNEL	48.0	50.0	50.0	48.5	3-11	700-600	2.79	47
JETTY CHANNEL	51.0	51.0	51.0	51.0	3-11	600	1.28	47-45
INNER BASIN AT HARBOR ISLAND	38.0	46.0	42.0	40.0	2-11	600-1559	0.63	45
INNER BASIN MAIN CHANNEL	51.0	51.0	51.0	51.0	4-11	600	0.63	45
HUMBLE BASIN TO JCT LA QUINTA CH	39.0	45.0	41.0	45.0	2-11	600-500	10.0	45
LA QUINTA CH JCT TO BCN 82	41.0	50.0	50.0	42.0	3-11	400	9.66	45
CHANNEL TO LA QUINTA	47.0	46.8	47.4	48.8	4-11	300-400	5.49	45

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

Chart 11316 NM 27/11

MATAGORDA SHIP CHANNEL

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF MAR 2011

CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (MILES)	DEPTH MLLW (FEET)
SEA BAR AND JETTY CHANNEL	38.2	37.8	37.8	36.8	9-10	300	3.69	38
MATAGORDA PENINSULA TO LT 48	28.0	30.0	32.0	28.0	3-11	300-200	12.47	36
LIGHT 48 TO ALCOA CHANNEL	34.5	35.5	35.6	35.6	4-10	200	5.54	36
ALCOA CHANNEL								
TO TURNING BASIN	39.0	38.3	38.5	35.7	5-10	200-399	1.13	36
POINT COMFORT TURNING BASIN	18.3	33.7	34.1	33.5	3-10	1000	0.19	36

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

Chart 11317 NM 27/11

MATAGORDA SHIP CHANNEL

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF MAR 2011

CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (MILES)	DEPTH MLLW (FEET)
SEA BAR AND JETTY CHANNEL	38.2	37.8	37.8	36.8	9-10	300	3.69	38
MATAGORDA PENINSULA TO LT 48	28.0	30.0	32.0	28.0	3-11	300-200	12.47	36
LIGHT 48 TO ALCOA CHANNEL	34.5	35.5	35.6	35.6	4-10	200	5.54	36
ALCOA CHANNEL TO TURNING BASIN	39.0	38.3	38.5	35.7	5-10	200-399	1.13	36
POINT COMFORT TURNING BASIN	18.3	33.7	34.1	33.5	3-10	1000	0.19	36

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

Chart 11318 NM N27/11

CORPUS CHRISTI CHANNEL DEPTHS

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF APR 2011

CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (MILES)	DEPTH MLLW (FEET)
HUMBLE BASIN TO JCT LA QUINTA CH	39.0	45.0	41.0	45.0	2-11	600-500	10.0	45
LA QUINTA CH JCT TO BCN 82	41.0	50.0	50.0	42.0	3-11	400	9.66	45
BCN 82 TO MAIN TURNING BASIN	47.2	48.3	47.2	46.4	8-10	400-300	0.91	45
CHANNEL TO LA QUINTA	47.0	46.8	47.4	48.8	4-11	300-400	5.49	45
TURNING BASIN	48.6	50.0	50.0	50.4	4-11	1200	0.35	45

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

Chart 11322 (Side B) NM 27/11

FREEPORT HARBOR CHANNEL DEPTHS

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF MAR 2011

CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOW TIDE (MLT)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (MILES)	DEPTH MLLW (FEET)
OUTER BAR CHANNEL	40.4	41.3	41.7	39.0	11-10	400	4.92	47
JETTY CHANNEL	44.3	45.8	44.7	37.7	3-11	400	1.35	45
LOWER TURNING BASIN	47.2	46.9	46.6	44.0	3-11	750	0.13	45
CHANNEL TO BRAZOSPORT TURNING BASIN	49.3	49.5	49.7	50.2	3-11	400-600	0.48	45
BRAZOSPORT TURNING BASIN	50.2	49.4	49.6	48.8	3-11	500-1000	0.28	45
CHANNEL TO UPPER TURNING BASIN	47.5	47.6	47.8	44.4	3-11	280-750	1.03	45
UPPER TURNING BASIN	48.1	47.8	48.8	48.4	3-11	600-1190	0.18	45
BRAZOS HARBOR APPROACH CHANNEL	36.2	37.9	38.9	39.4	8-11	200-650	0.53	36
BRAZOS HARBOR TURNING BASIN	33.6	36.9	36.7	38.1	8-11	750	0.11	36
CHANNEL TO STAUFFER TURNING BASIN	17.0	19.0	19.0	17.5	11-88	200	1.0	25
STAUFFER TURNING BASIN	18.0	18.0	18.0	16.0	11-88	500	0.1	25

INFORMATION IN THIS TABULATION HAS BEEN PROVIDED TO NOAA BY THE U.S. ARMY CORPS OF ENGINEERS. DEPTHS ARE REFERENCED TO A LOCAL DREDGING REFERENCE CALLED MEAN LOW TIDE. FOR AN APPROXIMATE CONVERSION TO MEAN LOWER LOW WATER, ADD 1 FOOT TO EACH DEPTH IN THE TABULATION.

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

Chart 11339 (Inset) NM 27/11

CALCASIEU PASS AND RIVER

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

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	38.0	40.0	38.0	29.0	6-09; 1,3-11	800	26.3	42
JETTY CHANNEL TO (29°46'00.0"N, 93°20'43.0"W)	46.0	48.0	48.0	43.0	3-11	400	1.3	40
THENCE TO A POINT (29°52'00.0"N, 93°20'43.0"W)	38.0	41.0	41.0	37.0	3-11	400	6.0	40
THENCE TO A POINT (29°58'00.0"N, 93°20'10.0"W)	32.0	39.0	37.0	32.0	3-11	400	6.0	40
THENCE TO A POINT (30°04'00.0"N, 93°19'38.0"W)	37.0	40.0	39.0	28.0	3-11	400	6.0	40
THENCE TO A POINT (30°09'03.0"N, 93°19'57.0"W)	39.0	40.0	39.0	23.0	3-11	400	5.2	40
THENCE TO 210 BRIDGE	29.0	32.0	37.0	30.0	3-11	400	4.4	40
THENCE TO END OF 400 CHANNEL (30°13'08.0"N, 93°15'12.0"W)	37.0	40.0	38.0	31.0	3-11	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 27/11

CALCASIEU PASS AND RIVER

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

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	38.0	40.0	38.0	29.0	6-09; 1,3-11	800	26.3	42
JETTY CHANNEL TO (29°46'00.0"N, 93°20'43.0"W)	46.0	48.0	48.0	43.0	3-11	400	1.3	40
THENCE TO A POINT (29°52'00.0"N, 93°20'43.0"W)	38.0	41.0	41.0	37.0	3-11	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 27/11

BELLE PASS AND BAYOU LAFOURCHE CHANNEL

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

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	23.0	23.0	19.0	3-11	300	1.6	26.0
PORT FOURCHON REACH	16.0	21.0	20.0	3-11	300-425	3.3	24.0

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

Chart 11347 (Side A) NM 27/11

CALCASIEU PASS AND RIVER

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

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	38.0	40.0	38.0	29.0	6-09; 1,3-11	800	26.3	42
JETTY CHANNEL TO (29°46'00.0"N, 93°20'43.0"W)	46.0	48.0	48.0	43.0	3-11	400	1.3	40
THENCE TO A POINT (29°52'00.0"N, 93°20'43.0"W)	38.0	41.0	41.0	37.0	3-11	400	6.0	40
THENCE TO A POINT (29°58'00.0"N, 93°20'10.0"W)	32.0	39.0	37.0	32.0	3-11	400	6.0	40
THENCE TO A POINT (30°04'00.0"N, 93°19'38.0"W)	37.0	40.0	39.0	28.0	3-11	400	6.0	40
THENCE TO A POINT (30°09'03.0"N, 93°19'57.0"W)	39.0	40.0	39.0	23.0	3-11	400	5.2	40
THENCE TO 210 BRIDGE	29.0	32.0	37.0	30.0	3-11	400	4.4	40
THENCE TO END OF 400 CHANNEL (30°13'08.0"N, 93°15'12.0"W)	37.0	40.0	38.0	31.0	3-11	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 27/11

CALCASIEU PASS AND RIVER

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

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	38.0	40.0	38.0	29.0	6-09; 1,3-11	800	26.3	42
JETTY CHANNEL TO (29°46'00.0"N, 93°20'43.0"W)	46.0	48.0	48.0	43.0	3-11	400	1.3	40
THENCE TO A POINT (29°52'00.0"N, 93°20'43.0"W)	38.0	41.0	41.0	37.0	3-11	400	6.0	40
THENCE TO A POINT (29°58'00.0"N, 93°20'10.0"W)	32.0	39.0	37.0	32.0	3-11	400	6.0	40
THENCE TO A POINT (30°04'00.0"N, 93°19'38.0"W)	37.0	40.0	39.0	28.0	3-11	400	6.0	40
THENCE TO A POINT (30°09'03.0"N, 93°19'57.0"W)	39.0	40.0	39.0	23.0	3-11	400	5.2	40
THENCE TO 210 BRIDGE	29.0	32.0	37.0	30.0	3-11	400	4.4	40
THENCE TO END OF 400 CHANNEL (30°13'08.0"N, 93°15'12.0"W)	37.0	40.0	38.0	31.0	3-11	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 11373 NM 27/11

HORN ISLAND PASS PASCAGOULA HARBOR AND BAYOU CASOTTE CHANNEL DEPTHS
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS- REPORT OF MAR 2011 AND SURVEYS TO MAR 2011

CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)					PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (MILES)	DEPTH MLLW (FEET)
PASCAGOULA BAR CHANNEL	38.2	44.0	41.6	10-10	450	6.28	44.0
HORN ISLAND PASS	40.9	42.1	33.5	2-11	600	1.4	44.0
PASCAGOULA LOWER SOUND	37.6A	42.0	38.7	2-11	350	4.3	42.0
PASCAGOULA UPPER SOUND	30.5	30.2	33.5	3-11	350	4.63	38.0
PASCAGOULA RIVER	33.4B	33.1C	31.4D	3-11	350E	2.021	38.0
BAYOU CASOTTE	35.8	40.8F	35.2	2-11	350	4.57	42.0

A. SHOALING TO 35.7 FT AT BEND WIDENING AREA.
B. SHOALING TO 31.8 FT AT CSX RAILROAD BRIDGE.
C. SHOALING TO 19.9 FT AT CSX RAILROAD BRIDGE.
D. SHOALING TO 25.4 FT AT CSX RAILROAD BRIDGE.
E. PASCAGOULA RIVER PROJECT WIDTH VARIES AT SOUTH END OF TERMINAL C TO CSX RAILROAD.
F. SHOALING TO 39.9 FT AT NORTH END OF PROJECT
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 11374 (Side B) NM 27/11

HORN ISLAND PASS PASCAGOULA HARBOR AND BAYOU CASOTTE CHANNEL DEPTHS
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF MAR 2011 AND SURVEYS TO MAR 2011

CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)					PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (MILES)	DEPTH MLLW (FEET)
PASCAGOULA BAR CHANNEL	38.2	44.0	41.6	10-10	450	6.28	44.0
HORN ISLAND PASS	40.9	42.1	33.5	2-11	600	1.4	44.0
PASCAGOULA LOWER SOUND	37.6A	42.0	38.7	2-11	350	4.3	42.0
PASCAGOULA UPPER SOUND	30.5	30.2	33.5	3-11	350	4.63	38.0
PASCAGOULA RIVER	33.4B	33.1C	31.4D	3-11	350E	2.021	38.0
BAYOU CASOTTE	35.8	40.8F	35.2	2-11	350	4.57	42.0

A. SHOALING TO 35.7 FT AT BEND WIDENING AREA.
B. SHOALING TO 31.8 FT AT CSX RAILROAD BRIDGE.
C. SHOALING TO 19.9 FT AT CSX RAILROAD BRIDGE.
D. SHOALING TO 25.4 FT AT CSX RAILROAD BRIDGE.
E. PASCAGOULA RIVER PROJECT WIDTH VARIES AT SOUTH END OF TERMINAL C TO CSX RAILROAD.
F. SHOALING TO 39.9 FT AT NORTH END OF PROJECT.
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 11375 NM 27/11

HORN ISLAND PASS PASCAGOULA HARBOR AND BAYOU CASOTTE CHANNEL DEPTHS
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS- REPORT OF MAR 2011 AND SURVEYS TO MAR 2011

CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)					PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (MILES)	DEPTH MLLW (FEET)
PASCAGOULA BAR CHANNEL	38.2	44.0	41.6	10-10	450	6.28	44.0
HORN ISLAND PASS	40.9	42.1	33.5	2-11	600	1.4	44.0
PASCAGOULA LOWER SOUND	37.6A	42.0	38.7	2-11	350	4.3	42.0
PASCAGOULA UPPER SOUND	30.5	30.2	33.5	3-11	350	4.63	38.0
PASCAGOULA RIVER	33.4B	33.1C	31.4D	3-11	350E	2.021	38.0
BAYOU CASOTTE	35.8	40.8F	35.2	2-11	350	4.57	42.0

A. SHOALING TO 35.7 FT AT BEND WIDENING AREA.
B. SHOALING TO 31.8 FT AT CSX RAILROAD BRIDGE.
C. SHOALING TO 19.9 FT AT CSX RAILROAD BRIDGE.
D. SHOALING TO 25.4 FT AT CSX RAILROAD BRIDGE.
E. PASCAGOULA RIVER PROJECT WIDTH VARIES AT SOUTH END OF TERMINAL C TO CSX RAILROAD.
F. SHOALING TO 39.9 FT AT NORTH END OF PROJECT.
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 11505 NM 27/11

SAVANNAH RIVER CHANNEL DEPTHS

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF APR 2011

CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (MILES)	DEPTH MLLW (FEET)
TYBEE RANGE	44.0	44.0	45.0	43.0	4-11	600	3.79	44
BLOODY POINT RANGE	43.0	44.0	44.5	43.0	4-11	600	3.41	44
JONES ISLAND RANGE	45.0	44.0	44.0	44.5	4-11	600	1.33	44
TYBEE KNOLL CUT RANGE	44.0	45.0	44.0	43.0	4-11	500	2.84	42

NOTE: AT MEAN HIGH WATER, DEPTHS ARE ABOUT 7 FEET GREATER AT LOWER END OF THE HARBOR AND 7.7 FEET GREATER AT UPPER END OF HARBOR.

NOTE: FOR THE LEFT OUTSIDE AND RIGHT OUTSIDE QUARTERS, DEPTHS GIVEN REPRESENT CONDITIONS 75 FEET INSIDE THE CHANNEL LIMITS.

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

Chart 11506 NM 27/11

BRUNSWICK HARBOR CHANNEL DEPTHS

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF APR 2011

CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (MILES)	DEPTH MLLW (FEET)
ENTRANCE THRU TURTLE RIVER								
ST. SIMONS RANGE (A)	J37.0	J38.0	38.0	36.0	4-11	500	9.7	38
PLANTATION CREEK RANGE (B)	37.0	38.0	41.0	41.5	4-11	400	1.8	36
JEKYLL ISLAND RANGE (C)	39.0	38.0	38.0	37.0	4-11	400	1.9	36
CEDAR HAMMOCK RANGE (D)	36.5	36.0	36.0	34.0	4-11	400	1.4	36
BRUNSWICK POINT CUT RANGE	35.0	36.5	38.0	37.0	4-11	400	2.4	36
TURTLE RIVER LOWER RANGE	35.0	37.0	37.0	37.0	4-11	400	1.8	36
BLYTHE ISLAND RANGE	29.5	29.0	27.5	27.0	4-11	300	1.5	30
TURTLE RIVER UPPER RANGE	30.0	29.5	28.0	27.0	4-11	300	2.7	30
EAST RIVER (E)								
ENTRANCE TO SECOND AVE (F)	37.0	37.5	38.0	37.0	4-11	400	1.2	37- 41
SECOND AVE TO MAYOR'S POINT	K38.0	38.0	38.0	38.0	4-11	400	1.0	36
SOUTH BRUNSWICK RIVER (G & H)	33.5	37.5	37.0	36.0	4-11	400	1.3	36

A. THE ST. SIMONS RANGE WIDENER LEAST DEPTH WAS 32.5 FEET, LOCATED 50 FEET INSIDE THE CHANNEL LIMIT FROM THE RIGHT SIDE.

B. THE WIDENER AT INTERSECTION OF PLANTATION CREEK RANGE AND JEKYLL ISLAND RANGE LEAST DEPTHS WERE 45.0 FEET, LOCATED 100 FEET INSIDE THE CHANNEL LIMIT, AND 52.0 FEET, LOCATED 400 FEET INSIDE THE CHANNEL LIMIT FROM THE LEFT SIDE.

C. THE WIDENER AT INTERSECTION OF JEKYLL ISLAND RANGE AND CEDAR HAMMOCK RANGE LEAST DEPTH WAS 36.0 FEET, LOCATED 75 FEET INSIDE THE CHANNEL LIMIT FROM THE RIGHT SIDE.

D. THE WIDENER AT INTERSECTION OF CEDAR HAMMOCK RANGE AND BRUNSWICK POINT CUT RANGE LEAST DEPTH WAS 36.0 FEET, LOCATED 50 FEET INSIDE THE CHANNEL LIMIT FROM THE RIGHT SIDE.

E. THE EAST RIVER TURNING BASIN LEAST DEPTHS WERE 40.0 FEET 100 FEET FROM BACKSIDE, 39.5 FEET 400 FEET FROM BACKSIDE AND 39.0 FEET 600 FEET FROM BACKSIDE.

F. THE EAST RIVER ENTRANCE TO SECOND AVE WIDENER LEAST DEPTHS WERE 25.0 FEET LOCATED 50 FEET INSIDE THE CHANNEL LIMIT AND 35.0 FEET LOCATED 150 FEET INSIDE THE CHANNEL LIMIT FROM THE LEFT SIDE, AND 41.0 FEET LOCATED 50 FEET INSIDE THE CHANNEL LIMIT FROM THE RIGHT SIDE.

G. THE SOUTH BRUNSWICK RIVER TURNING BASIN LEAST DEPTHS WERE 40.0 FEET,100 FEET AND 41 FEET, 400 FEET FROM THE THE LEFT SIDE AND 40.0 FEET, 100 FEET AND 40 FEET, 400 FEET FROM THE RIGHT SIDE.

H. THE SOUTH BRUNSWICK RIVER GPA DOCK LEAST DEPTHS WERE 36.0 FEET ALONG THE DOCK AND 32.0 FEET ON THE RIGHT SIDE.

J. EXCEPT FOR A 35 FEET OBSTRUCTION LOCATED BY A NOS SURVEY OF JUL 2006 AT 31°04'15.5"N, 081°16'57.4"W.

K. EXCEPT FOR A DANGEROUS WRECK LOCATED IN APPROXIMATE POSITION 31°08'49.8"N, 81°29'59.3"W.

NOTE - FOR THE LEFT OUTSIDE AND RIGHT OUTSIDE QUARTERS, DEPTHS GIVEN REPRESENT CONDITIONS 50 FEET INSIDE THE CHANNEL LIMITS. (EXCEPT FOR THE EAST RIVER TURNING BASIN)

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

Chart 11512 NM 27/11

SAVANNAH RIVER CHANNEL DEPTHS

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF APR 2011

CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (MILES)	DEPTH MLLW (FEET)
TYBEE RANGE	44.0	44.0	45.0	43.0	4-11	600	3.79	44
BLOODY POINT RANGE	43.0	44.0	44.5	43.0	4-11	600	3.41	44
JONES ISLAND RANGE	45.0	44.0	44.0	44.5	4-11	600	1.33	44
TYBEE KNOLL CUT RANGE	44.0	45.0	44.0	43.0	4-11	500	2.84	42
NEW CHANNEL RANGE (A)	41.0	42.5	44.0	42.5	4-11	500	1.89	42
L. I. CROSSING RANGE	41.5	41.5	42.5	42.0	4-11	500	3.03	42
LOWER FLATS RANGE	40.5	45.0	45.0	43.0	4-11	500	1.52	42
UPPER FLATS RANGE	41.5	45.0	46.0	43.0	4-11	500	1.33	42
THE BIGHT CHANNEL	43.5	46.0	47.0	47.5	4-11	500	1.7	42
FT. JACKSON RANGE	44.5	46.5	47.5	44.0	4-11	500	0.76	42
OGLETHORPE RANGE	39.5	45.0	46.0	44.0	4-11	500	1.33	42
WRECKS CHANNEL (B)	39.5	44.5	47.0	44.5	4-11	500	1.7	42
CITY FRONT CHANNEL	44.0	45.0	45.0G	44.5	4-11	500	1.7	42
MARSH ISLAND CHANNEL (C)	41.0H	42.0	45.0	40.5	4-11	500	1.9	42
KINGS ISLAND CHANNEL (D)	39.0	41.0	42.0	41.5I	4-11	500	2.46	42
WHITEHALL CHANNEL (E)	27.0	27.0	29.0	30.0	4-11	400	0.66	42-36
PORT WENTWORTH CHANNEL (F)	30.0J	29.0	30.0	32.0	12-94; 4-11	200	1.33	30

A. OYSTER BED I. TURNING BASIN-CONTROLLING DEPTH 43.5 FT, 42.0 FT 100 FT FROM BACKSIDE.
B. FIG ISLAND TURNING BASIN-CONTROLLING DEPTH 38.0 FT, 25.5 FT 100 FT FROM BACKSIDE.
C. MARSH ISLAND TURNING BASIN-CONTROLLING DEPTH 35.0 FT, 26.5 FT 100 FT FROM BACKSIDE.
D. KINGS ISLAND TURNING BASIN-CONTROLLING DEPTH 48.0 FT, 43.0 FT 100 FT FROM BACKSIDE.
E. ARGYLE ISLAND TURNING BASIN-CONTROLLING DEPTH 31.0 FT 100 FT FROM BACKSIDE.
F. PORT WENTWORTH TURNING BASIN-CONTROLLING DEPTH 28.0 FT, 18.0 FT 100 FT FROM BACKSIDE.
G. EXCEPT FOR A 41 FOOT OBSTRUCTION LOCATED BY A NOS SURVEY AT 32°05'00.06"N 81°05'27.07"W
H. EXCEPT FOR A 39 FOOT OBSTRUCTION LOCATED BY A NOS SURVEY AT 32°05'18.29"N 81°05'58.99"W
I. EXCEPT FOR A 38 FOOT OBSTRUCTION LOCATED BY A NOS SURVEY AT 32°07'27.45"N 81°08'02.29"W
J. EXCEPT FOR A 31 FOOT OBSTRUCTION LOCATED BY A NOS SURVEY AT 32°09'15.04"N 81°09'11.46"W

NOTE: AT MEAN HIGH WATER, DEPTHS ARE ABOUT 7 FEET GREATER AT LOWER END OF THE HARBOR AND 7.7 FEET GREATER AT UPPER END OF HARBOR.
NOTE: FOR THE LEFT OUTSIDE AND RIGHT OUTSIDE QUARTERS, DEPTHS GIVEN REPRESENT CONDITIONS 75 FEET INSIDE THE CHANNEL LIMITS.
NOTE- CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 11514 (Side A) NM 27/11

SAVANNAH RIVER CHANNEL DEPTHS

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF APR 2011

CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (MILES)	DEPTH MLLW (FEET)
OGLETHORPE RANGE	39.5	45.0	46.0	44.0	4-11	500	1.33	42
WRECKS CHANNEL (A)	39.5	44.5	47.0	44.5	4-11	500	1.7	42
CITY FRONT CHANNEL	44.0	45.0	45.0F	44.5	4-11	500	1.7	42
MARSH ISLAND CHANNEL (B)	41.0G	42.0	45.0	40.5	4-11	500	1.9	42
KINGS ISLAND CHANNEL (C)	39.0	41.0	42.0	41.5H	4-11	500	2.46	42
WHITEHALL CHANNEL (D)	27.0	27.0	29.0	30.0	4-11	400	0.66	42-36
PORT WENTWORTH CHANNEL (E)	30.0I	29.0	30.0	32.0	12-94; 4-11	200	1.33	30

A. FIG ISLAND TURNING BASIN-CONTROLLING DEPTH 38.0 FT, 25.5 FT 100 FT FROM BACKSIDE.
B. MARSH ISLAND TURNING BASIN-CONTROLLING DEPTH 35.0 FT, 26.5 FT 100 FT FROM BACKSIDE.
C. KINGS ISLAND TURNING BASIN-CONTROLLING DEPTH 48.0 FT, 43.0 FT 100 FT FROM BACKSIDE.
D. ARGYLE ISLAND TURNING BASIN-CONTROLLING DEPTH 31.0 FT 100 FT FROM BACKSIDE.
E. PORT WENTWORTH TURNING BASIN-CONTROLLING DEPTH 28.0 FT, 18.0 FT 100 FT FROM BACKSIDE.
F. EXCEPT FOR A 41 FOOT OBSTRUCTION LOCATED BY A NOS SURVEY AT 32°05'00.06"N 81°05'27.07"W
G. EXCEPT FOR A 39 FOOT OBSTRUCTION LOCATED BY A NOS SURVEY AT 32°05'18.29"N 81°05'58.99"W
H. EXCEPT FOR A 38 FOOT OBSTRUCTION LOCATED BY A NOS SURVEY AT 32°07'27.45"N 81°08'02.29"W
I. EXCEPT FOR A 31 FOOT OBSTRUCTION LOCATED BY A NOS SURVEY AT 32°09'15.04"N 81°09'11.46"W

NOTE: AT MEAN HIGH WATER, DEPTHS ARE ABOUT 7 FEET GREATER AT LOWER END OF THE HARBOR AND 7.7 FEET GREATER AT UPPER END OF HARBOR.
NOTE: FOR THE LEFT OUTSIDE AND RIGHT OUTSIDE QUARTERS, DEPTHS GIVEN REPRESENT CONDITIONS 75 FEET INSIDE THE CHANNEL LIMITS.
NOTE- CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 11521 NM 27/11

CHARLESTON HARBOR ENTRANCE

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

CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (MILES)	DEPTH MLLW (FEET)
ENTRANCE CHANNEL	45.2	48.5	48.4	46.1	3-11	1000	17.5	A47
MOUNT PLEASANT RANGE	45.6	49.0	49.5	49.1	12-10	1000-600	1.8	A45

A. FOR WIDTH OF 1000 FEET, THE PROJECT DEPTH IS 42 FEET FOR OUTER 100 FEET.
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 11523 NM 27/11

CHARLESTON HARBOR ENTRANCE

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

CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (MILES)	DEPTH MLLW (FEET)
ENTRANCE CHANNEL	45.2	48.5	48.4	46.1	3-11	1000	17.5	A47
MOUNT PLEASANT RANGE	45.6	49.0	49.5	49.1	12-10	1000-600	1.8	A45
REBELLION REACH	46.6	48.7	49.0	47.4	12-10	600	1.6	45

A. FOR WIDTH OF 1000 FEET, THE PROJECT DEPTH IS 42 FEET FOR OUTER 100 FEET.
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 11524 NM 27/11

CHARLESTON HARBOR, COOPER RIVER AND SHIPYARD RIVER
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS- SURVEYS TO MAR 2011

CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (MILES)	DEPTH MLLW (FEET)
ENTRANCE CHANNEL	45.2	48.5	48.4	46.1	3-11	1000	17.5	A47
MOUNT PLEASANT RANGE	45.6	49.0	49.5	49.1	12-10	1000-600	1.8	A45
REBELLION REACH	46.6	48.7	49.0	47.4	12-10	600	1.6	45
BENNIS REACH	45.7	48.5	48.3	47.9	12-10	600	1.5	45
HORSE REACH	50.3	50.6	49.6	45.3	12-10	VARIES	0.6	45
CUSTOMHOUSE REACH	35.0	49.0	48.0	47.0	4-10	1385	0.2	45
SOUTH CHANNEL	25.0	25.0	25.0	B25.0	10-96; 11/10	600-1000	3.6	45
HOG ISLAND REACH	47.6	47.6	46.6	B38.6	12-10	800-600	1.6	45
DRUM ISLAND REACH	44.8	49.6	48.7	45.7	9-10	1200-600	0.8	45
TIDEWATER REACH	36.1	34.0	34.2	34.2	12-10	650	0.7	40
TOWN CREEK LOWER REACH	37.0	42.0	44.3	45.0	12-10	450-400	1.1	45
TOWN CREEK LOWER REACH TB	38.5	38.9	38.9	37.4	12-10	300	0.25	35
TOWN CREEK UPPER REACH	40.6	40.1	40.1	39.1	12-10	250	1.0	16
MYERS BEND	49.7	48.7	47.8	41.8	9-10	900-1500	0.5	45
DANIEL ISLAND REACH	44.7	45.5	43.9	37.9	9-10	880	1.4	45
DANIEL ISLAND BEND	49.0	50.4	51.2	49.8	9-10	800-700	0.5	45
CLOUTER CREEK REACH	46.8	48.2	48.1	45.5	9-10	600	1.3	45
NAVY YARD REACH	45.0	48.6	47.7	41.1	9-10	600-700	1.1	45
NORTH CHARLESTON REACH	46.8	49.4	48.0	47.0	9-10	500-600	1.0	45
FILBIN CREEK REACH	45.5	46.7	49.3	48.4	9-10	500	0.9	45
PORT TERMINAL REACH	44.5	46.0	48.8	47.4	9-10	600	0.7	45
ORDNANCE REACH	37.1	36.9	42.2	43.0	9-10	600	0.4	45
ORDNANCE REACH TURNING BASIN	44.8	35.7	35.7	32.8	9-10	800	0.4	45
WANDO RIVER								
LOWER REACH	45.8	47.8	48.0	43.2	9-10	1500-400	1.4	45
UPPER REACH	47.7	43.1	42.7	43.5	9-10	850-600	0.9	45
TURNING BASIN	43.3	48.1	48.1	47.0	9-10	550	0.4	45
SHIPYARD CREEK								
MAIN CHANNEL	26.8	28.2	28.2	24.6	2-11	1200-200	1.1	45-30
LOWER TURNING BASIN	48.6	47.9	47.9	46.0	2-11	VARIES	0.2	45
UPPER TURNING BASIN	14.0	20.7	20.7	19.6	2-07; 5-10; 2-11	VARIES	0.1	30
COOPER RIVER								
RANGE A	39.0	39.7	38.7	37.9	7,8-98; 10-03; 3-10	400-1350	1.2	35
RANGE B	18.6	23.1	35.1	33.5	12-99; 10-03; 3-10	VARIES	0.9	35
RANGE C	20.6	C24.6	38.9	36.5	12-03; 3-10	VARIES	0.9	35
RANGE D	29.8	29.5	29.0	26.4	3-10	VARIES	0.7	35
RANGE E	31.1	36.6	38.0	35.8	3-10	VARIES	0.4	35
RANGE F	25.0	35.3	37.5	34.6	1-95; 3-10	VARIES	0.3	35

A. FOR WIDTH OF 1000 FEET, THE PROJECT DEPTH IS 42 FEET FOR OUTER 100 FEET.
B. ALONG CHANNEL EDGE.
C. OBSTRUCTION LOCATED WITH A DEPTH OF 35 FEET, AT 32°55'15.6"N; 79°55'55.7"W.

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

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 33/09 THROUGH NM 27/11

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.
10	2	13/11
11	2	33,47/09
12	1	33,34,45,47/09
13	1	33,34,45,47/09
20	3	7,36/10
21	4	46,48/09;7,16,36/10; 10/11
22	1	46,48/09;7,16,36/10
50	7	2*,17/11
51	1	34,35,39,40,41/09;21,22, 31,36/10;17/11
52	1	37,38,47/09;7,18/10;5, 11/11
53	2	34,35,38,39,40,41,47, 50/09;7,18/10;11/11
62	3	41/09;23,26,36,49/10; 7/11
70	4	4,7/10
71	4	46/09
72	4	7/10
73	4	46/09;4,7/10
105	4	46/09
107	3	47,49/09;29/10;7/11
108	9	33,34,38,46,47/09;3, 52/10
111	3	45/09
120	6	33,34,45,46,47,49/09; 3/10;7/11
124	10	33,34,45,46,47,49/09; 3/10;7/11
145	16	34,41,45,46,49/09;3,4,5, 7,12,13,21,26/10
200	3	48/09;7,36,45,46/10;1,2, 26/11
201	2	32/10
202	2	32/10;10/11
203	2	36/10
204	4	16,36/10
211	5	46,48/09;7,36,45,46/10; 10,26,27/11
301	1	37,39/09;25,26/11
302	1	39/09;8,25,26/11
310	20	37,39/09;8,25,26/11
400	3	33,34,45,46,47,49,51/09; 3,6,42/10
401	5	33,34,47/09;6,42,52/10
402	4	47,49,51/09;3,52/10
411	53	16/11*
500	8	36,37/09;3,28/10
501	13	35*,36,47/09;5,10,11,12, 14,21,26,36,39,40,47/10; 21/11
502	2	43/09;4,10,21,34,36, 47/10
503	4	41,43/09;10,13,21,29/10; 10,12/11
504	4	34,35,38,39,40/09;22/10; 17/11
506	2	37,47/09;18/10
507	2	37,47/09;7,18,38/10;5/11
508	2	38/09;7,38,40/10;26/11
509	4	38/09;18,19/10;11/11
510	3	37,38,47/09
511	4	18/10
513	7	41,50/09;7,45/10
514	7	22/10
520	127	34,35,36,37,39,40/09;3,4, 5,11,12,22,24,26,40/10
521	11	34,35,38,39,40,41,50/09; 7/10
522	87	37,38,47/09;18,34,38, 40/10;5,11/11
523	8	34,35,37,38,39,40,41,47, 50/09;7,18/10;11/11
524	12	37,38,47/09;7,18,34,38, 40/10;5/11
525	3	37,38,47/09;18/10;5/11
526	10	33,34,35,37,38,39,40, 47/09;7,18,22/10;5,10/11
530	33	52/10*;17,26/11
531	24	36,37,43,47/09;2,3,5,6,9, 15,28/10
532	17	41,50/09;7/10
540	19	34,35,39,40,41,42,45,46, 52/09;1,6,12,22,23/10; 12,17/11
541	2	35,45/09;18,22/10;17/11
550	7	34,37,38,40/10
600	5	7/10;10/11
601	4	4,7/10
602	6	33/09;7,43/10
603	6	7/10
604	5	7/10
605	4	35/09;7/10
606	1	35,48/09;7/10
607	1	48/09;7/10;10/11
608	2	48/09;6,26,30,34/10;7/11
609	2	48/09;36,49/10;2,7/11
621	5	10/11
622	9	33,35/09;7/10;10/11
623	9	33/09;7/10
624	3	7/10;10/11
625	4	48/09;49/10;7,18/11
632	8	7/10;26/11
700	4	7/10
702	5	47/09;4,7/10
703	4	26/11
704	1	38/09
705	3	38,47/09;1/10
706	4	46/09;1/10;14/11
707	2	46/09;4,7/10
708	3	7,33/10
709	2	33,39/10
800	4	41/09
803	1	36,37,41,45/09;7,24/10
804	5	12,13/11
1113A		10*,13,14/10
1114A		41,45/09;8,10,11,32/10; 11/11
1115A		48*,49/10;4,6,7,26/11
1116A		27/11*
1117A		38,41,43/09;4,6,9,14,16, 28,29,37,38,46,47/10;6,7, 9,10,11,16,24,25,27/11
11004	8	33,34,35,36,41,42,43, 51/09;1,4,6,9,11,14,16, 37,40,42,46,47,48,49/10; 3,5,7,9,10/11
11006	33	34,35,38,40,41,43,45,49, 52/09;7,9,16,19,27,28,29, 30,32,40,41,42,49/10;6, 10,11/11
11009	39	22/11*
11013	47	40,45,51,52/09;14,37/10; 13,20,23/11
11299	1	N38,N45/09;N15,N16, N36,N48/10;N8,N27/11
11300	42	38,41,43/09;4,6,9,14,16, 28,29,37,38,46,47/10;6,7, 9,10,11,16,24,25,27/11
11301	25	35,38/09;9,15,16,19,33, 36/10;8,14,16,27/11
11302	32	35,38/09;9,15,16,33, 36/10;8,14,16,27/11
11304	13	19/10
11305	2	N38,N42,N45/09;N1,N2, N15,N36,N47,N48/10; N27/11
11306	21	19/10
11307	38	3*,9,28,47/10
11308	24	42,43/09;1,2,33,36,46, 47/10;1/11
11309	40	27*,33,36,46,47,48/10;1, 8,27/11
11310	2	N38,N45/09;N11,N15, N16,N36,N48/10;N1,N8, N27/11
11311	24	38,45/09;15,34,36,46, 48/10;27/11
11312	5	34*,38,42,45/09;1,2,15, 16,36,47,48/10;8,27/11
11313	24	48/10*;7,12/11
11315	33	52/10*
11316	41	38,42,45/09;9,11,14,15, 16,24,26,29,36/10;7,16, 27/11
11317	32	38,45/09;14,15,16,24,29, 36/10;16,27/11
11318	2	N38,N42,N43,N45/09; N1,N2,N15,N36,N46, N47,N48/10;N1,N27/11
11319	33	14,29/10;16/11
11320	1	N38/09
11321	30	9,26,32,37/10;9/11
11322	32	38/09;15,17,24,26,29,36, 48/10;8,14,27/11
11323	63	3*,6,12,14,15,25,31,36, 40,48/10;9,10,16,17, 24/11
11324	36	34,38,41,45,49/09;2,14, 15,16,19,25,28,29,31,36, 40,46,48/10;8,10,14,16, 17/11
11325	39	38,45/09;6,15,16,25,36, 48/10;8,9/11
11326	37	8*,10,16,17/11
11327	34	38,45/09;15,16,19,25,36, 48,50/10;8/11
11328	25	38,45/09;15,16,19,25,36, 38,48/10;8/11
11329	38	38,45/09;15,16,27,36,38, 48/10;8/11
11330	21	17*,24/11
11331	21	41,49/09;6,14,34,40/10
11332	31	27*,31,36,38,41,48/10;3, 5,9,10,15,16,17,22,25/11
11333	1	N38/09
11339	3	17*,28,33,40,46/10;1,4, 12,22,24,25,27/11
11340	75	27/11*
11341	43	23*,25/11
11342	54	10*,22,24,25/11
11343	38	38,41,45,49/09;14,15,16, 19,24,34,36,48/10;5, 24/11
11344	38	33,34,35,41,49,50/09;2,9, 17,19,28,33,34,37,46/10; 1,3,5,10,12,22,24,25, 27/11
11345	34	35,50/09;19,25,46/10;24, 25/11
11346	3	2*,12,22,24,27/11
11347	38	33,36,38,43,50,51/09;2,9, 28,33,40,46/10;1,12,22, 24,25,27/11
11348	22	51/09;9,28,33,40/10; 12/11
11349	44	13/11*
11350	27	35,45/09;19,30/10
11351	42	12*,19,29,48,49,51/10;6, 16,24/11
11352	41	10*,11,22,30,31,46,47, 49/10;9,10,24,25,27/11
11353	5	33,35,49/09;1,3,4,6,7,11, 14,16,22,25,28,34,40, 41/10;26/11
11356	38	42,49/09;9,11,17,19,27, 34,37,40,42,46,51/10;4,6, 7,24,27/11
11357	40	35,36,41,43,48,49/09;3,4, 11,12,28,30,37,38,40,42, 46,47,49/10;6,7,17,24, 27/11
11358	56	41*,50/10;1,9,10,11,12, 16,24,25,26/11
11359	14	9*,22,40,49/10;10,12/11
11360	44	48*,49/10;4,6,7,26/11
11361	75	40*,41,50/09;2,14,16,22, 28,30,40,41,49/10;9,15, 26,27/11
11362	5	N33,N34,N35,N38,N40, N41,N42,N43,N45,N49, N50/09;N2,N5,N7,N9, N11,N14,N16,N19,N23, N27,N28,N29,N30,N31, N32,N36,N41,N49/10; N4,N6,N7,N11,N15, N26/11
11363	42	42/09*;1,2,3,4,6,11,14, 16,22,25,28,34,40,41/10; 11,15/11
11364	43	42*,50/09;3,17,30,34,42, 48,49/10;4,10,15,16,24, 26/11
11365	22	9*,11,28,30,31,36,46,47, 49/10;10,24,25,27/11
11366	13	18*,19,22,23,26,29,30, 31,34,36,38,40,41,46, 49/10;4,6,7,9,10,11,15, 16,24,26/11
11367	36	24*,37,40,46/10;26/11
11368	24	43/09;3,37,40,46/10; 26/11
11369	47	46/09*;3/10
11370	27	34,41,45,48,49/09;5,9,12, 14,16,17,19,22,27,32,33, 41,46/10;3,16,25,26/11
11371	39	27*,37/10
11372	34	12*,16,17,49/10;11,14, 17,27/11
11373	49	48*,49/10;1,4,5,11,14,15, 17,24,27/11
11374	35	44*,48,50/09;2,6,9,15,16, 22,26,33,40,46/10;1,5,11, 14,15,17,24,27/11
11375	37	31*,33,40,46/10;1,5,14, 15,17,24,27/11
11376	55	20*,27/11
11377	9	31*,37,41,46,50/10;5, 16/11
11378	37	31*,37,41,47,52/10;5,14, 16,24/11
11380	2	23*,37,41,46,50/10;5, 16/11
11382	41	31*,32,52/10;14/11
11383	52	22*,24/11
11384	36	10*,14/11
11388	17	27,28/10
11389	33	38,42,43,45/09;2,13,19, 24,26,32,34/10;1,4,6,11, 15/11
11390	24	35,45,50/09;2,24,32, 34/10;4,15/11
11391	24	35,43,45,50/09;2,24,32, 34/10;4,15/11
11392	7	45,50/09
11393	21	45/09;13,19,26/10;1,4/11
11400	36	41,45/09;8,10,11,32/10; 11/11
11401	30	45,48/09;32/10;11/11
11402	21	48/09;32/10
11404	23	43,48/09;3/11
11405	29	10/10;3/11
11407	18	25,27/11
11408	29	25/11
11409	29	37/10
11411	17	5,8,10,33,46,51/10;16, 26/11
11412	44	39,41/09;5,6,8,10,21,46, 51/10;1,8,16,22,23,26/11
11415	8	41/09;5,6,21,33,46, 51/10;1,16,22,23,26/11
11416	10	34,39,41,46/09;3,6,13,33, 46/10;1,8,16,22,26/11
11420	29	10*,13,14/10
11423	8	N33,N40,N46,N51, N52/09;N2,N5,N13, N14/10
11424	19	33,36,46/09;23/11
11425	38	40/10*;23/11
11426	38	2,5,13,14/10
11427	34	37,41/09;5/10
11429	23	48/10*
11431	13	21/10
11434	28	40,52/09;6/11
11435	14	N40,N52/09;N6/11
11439	26	45,52/09;20,32/10;6/11
11441	41	40/09;8,20,32,41,45/10; 6,27/11
11442	35	40/09;32,41,45/10;6, 27/11
11446	32	41,45/10;27/11
11447	37	8/10;27/11
11450	10	14/10
11451	35	15/11*
11453	17	18/11
11460	42	47/09*;2,14/10;20,23/11
11461	5	37,40,51/09
11462	25	18/10*
11464	17	14/10;8/11
11465	39	22/11*
11466	38	34,39,40,49/09;2,5,13, 25/10;3,12,16,20,24, 25/11
11467	42	52/10*;9,11,12,20,21, 24/11
11468	42	15*,23,25,27,36/10;11, 12,16,20,21/11

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 33/09 THROUGH NM 27/11

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.
11469	8	39/09;20,24/11
11470	38	2,3,4,6,11/10;9,12,24/11
11471	1	N9,N24/11
11472	35	17*,22,25/11
11473	1	N36/10;N24/11
11474	11	17/11*
11475	19	46,49/09;7,8/10;22/11
11476	22	15/10*
11477	6	N45,N48/09;N6,N7,N20, 32,N34/10;N16,N22/11
11478	22	35*,45/10;16,22/11
11479	5	N45/09;N2,N14/10; N23/11
11480	41	3*,27/11
11481	7	46*,48/09;6,7,20,21,32, 34,45/10;16,22/11
11482	1	N3,N4,N6,N11/10;N9, N24/11
11484	23	6/10;13/11
11485	36	37/10*;13,27/11
11486	16	2/11*
11488	26	34/09;5,32/10
11489	38	35,48/09;7,13,14,36, 42/10;3,15,25/11
11490	20	13*,21/11
11491	37	26*,36,37,46/10;8,21, 22/11
11492	21	8/11
11493	10	N48/09*;N8,N16,N32, N45/10;N15,N16/11
11494	9	N5*,N7,N16,N32, N45/10;N15,N16/11
11496	10	N33,N34,N45/09;N5,N7, N16,N40,N46/10
11502	32	3*,16,27/11
11503	43	20*,27/11
11504	17	35/09;14,20/10;3/11
11505	4	48/10*;5,9,N16,21,27/11
11506	44	39,46/09;1,13,14,16,20, 21,25,34,35,40,42,43, 50/10;5,9,13,16,22,25, 27/11
11507	34	8*,11,19,25,27/11
11508	22	13/11*
11509	31	35,37/09;32/10
11511	17	35,37/09
11512	62	15*,23,25,32,37/10;5,9, 16,21,23,27/11
11513	26	10*,12,27/11
11514	30	41,43,46/09;1,8,13,23,25, 32,37/10;5,9,16,21,23, 27/11
11516	31	22,34,48/10;11,12,19, 25/11
11517	18	7,27/11
11518	37	12*,34,35,45/10;7,11,17, 19,27/11
11520	44	48/10*;12/11
11521	30	11*,13,27/11
11522	21	23/10*
11523	25	52/10*;13,27/11
11524	52	12*,14,16,20,23,27,34, 35,37,45,48,50/10;1,7,11, 12,13,17,18,22,27/11
11525	7	N33,N42,N46/09;N16, N40,N45,N46/10;N12/11
11527	17	39/09;7,23,27,33,37/10
11531	22	16/10
11532	21	36/09;7,8,14,16,17,27, 37/10;8,9,17,27/11
11534	36	42*,47/09;7,8,14,27,37, 41,45/10;8,17,22,26, 27/11
11535	12	16/10;17/11
11536	19	44/10*
11537	38	39,40,47/09;7,14,22,32, 47/10;5,14,18,20,25, 26/11
11539	19	44/10*
11541	39	19*,31,45,49/10;5,25/11
11543	23	31,46/10;5,25/11
11544	39	31,46/10;5,25/11
11545	63	36,43/09;7,14,31,32,47, 49/10;5,14,18,25/11
11547	37	36,43/09;7,14,31,32,47, 49/10;5,7,14,18,25/11
11548	40	47/09
11553	29	47/09
11555	40	42/09;12/11
12200	49	37,42,48,49/09;1,2,31,44, 45/10;12,16,26/11
12201	26	N36,N37,N42,N48, N49/09;N1,N2,N31,N44, N45/10;N3,N12,N16, N26/11
12204	37	45/10;26/11
12205	32	9*,12,19,27,45/10;26/11
12206	33	42/09;6,7,9,20,26/11
12207	22	1*,48/10
12208	14	44*,49,51/09;12,19, 40/10;4,7,25/11
12210	38	37,39,42,48/09;2,31/10; 2,16,23/11
12211	44	17/11*
12214	49	2*,16,27/11
12216	28	39/09;15,41/10;27/11
12221	81	23/11*
12222	52	44*,51/09;12,19,27,29, 33,35,44,48/10;3,4,5,6,7, 12,18,20,24,25,26/11
12224	25	22/11*
12225	59	9*,11,19,20,36,38,41,44, 46,49,50/10;9,10,26/11
12226	18	39*,42,50/09;7,11,19,41, 46,49/10;9,10/11
12228	32	40,42,44,50,52/09;2,4,7, 11,14,20,36,38,41,44, 50/10;20,23,26/11
12230	64	41,44,49,50,52/09;2,11, 29,33,36,38,44,48,50/10; 2,3,10,20,22,23/11
12231	28	44/09*;29,38,44,48, 50/10;10,20,23/11
12233	37	41,50/09;2,11,33,36,38, 44,50/10;2,3,10,22/11
12235	32	36,37,38,42,44,49,50/09; 2,4,7,14,20,38,41/10; 26/11
12237	27	47/09
12238	40	37/09;12,30/10;1,9,18/11
12241	22	38/09;30,46/10;1/11
12243	14	3*,31,46/10
12244	13	43/09
12245	67	39/09;29,35,44/10;5,7, 12,20,24,26/11
12248	42	47/09;14,17,37,38/10;6, 17,22,23,25/11
12251	23	47/09;10,14,19,47/10
12252	24	35,52/09;19,52/10;7/11
12253	46	42/09;27,29,35/10;6,7,9, 20,26/11
12254	48	19,27,33/10;7,25/11
12255	17	33/10
12256	16	19,33/10;20/11
12263	55	1,4,6,14,30,38/10
12264	30	4,19,29,38,48/10;3,5/11
12266	30	10*,30/10
12268	11	34/10*
12270	34	1,14,38/10
12272	31	36,51/09;23/10
12273	57	35,41,51/09;15,23,32,45, 47,52/10;6,23/11
12274	35	41/09;23,47/10
12277	35	40/10*
12278	76	35,51/09;15,23,32,38,45, 52/10;6,23/11
12280	9	36,37,39,41,42,44,49,50, 51,52/09;1,2,4,6,7,11,12, 14,19,23,29,36,38,40,41, 44,46,48,50/10;2,3,4,9, 10,12,22,23/11
12281	52	35,38,51/09;3,4,27,33,38, 40,41,43/10;1,5,6,8,18, 20/11
12282	35	35,51/09;1,38/10
12283	27	20/11*
12284	16	35/09*
12285	40	24*,33,36,43,44,50/10;2, 3,5,10,12/11
12286	30	43/10;5/11
12287	18	46/09*;43/10;5/11
12288	20	41/09;2,15,43/10;5/11
12289	50	52/10*;5,12/11
12300	48	31*,42,47,49,51/10;2,12, 20,26,27/11
12301	22	N37,N39,N45/09;N1,N4, N19,N39,N42,N47,N49, N51/10;N2,N12,N20, N26,N27/11
12304	45	39/09;47/10;27/11
12311	45	36,47/09;3,11,14,29,31, 32/10;16,25/11
12312	55	39*,48,51/09;1,11,26, 38/10;6,16,23,25/11
12313	52	35,48,51/09;26,38/10; 6/11
12314	32	35,37/09;7,10,11,19,36, 43/10;6,17/11
12316	34	21/10;16/11
12318	45	23/10*;16,26/11
12323	25	37,48/09;21/10
12324	34	44/09*;3,4,5,19,43,49, 52/10;1,16,21,26/11
12325	4	43/10
12326	51	45/09;22,30,42/10;13, 24/11
12327	104	2*,9,15,21,24,25,26, 27/11
12331	32	12*,20,49/10;15,21/11
12332	23	3*,21/11
12333	36	4*,19,39,42,46,47,50/10; 4,9,21,27/11
12334	70	35*,39,44,52/09;5,12,13, 23,39,44,45,46,47,50/10; 4,9,27/11
12335	44	19*,29,40,50/10;15, 25/11
12337	23	38,43,44/09;11,12,39, 42/10;21/11
12339	46	35/09;5,52/10;27/11
12341	27	35/09*;29,39/10;25/11
12342	23	21,25/11
12343	19	6,30,36,39,41,51/10;13, 21,25/11
12345	11	11*,21,25/11
12346	11	30,32,36,39,51/10;25/11
12347	31	35*,39/10;25/11
12348	34	32/10*;17,24,25/11
12350	59	40,41/09;42/10;24/11
12352	33	19/11*
12353	18	20/11
12354	43	43*,51/10;19,27/11
12358	20	10,18,23/10;19/11
12362	17	38/10*;16/11
12363	41	15*,27,43,46,47/10; 19/11
12364	38	36,49/09;5,27,33,46, 47/10;16,19/11
12365	26	33,47/10
12366	29	33,46/10
12367	24	49/09
12368	27	36/09;27,47/10
12369	26	5/10;19/11
12371	24	5,43/10;19/11
12372	34	38,44/09;5,10,22,32,42, 43,51/10;19,22,27/11
12373	15	19/11
12375	22	48/10*;19/11
12401	10	1*,3,4,5,22,43,52/10;1, 19,26/11
12402	11	49/09;22/10
13000	1	N33/09;N46,N51/10;N8, N24/11
13003	50	28*,30,43,44,45,46,48, 49,51,52/10;2,8,10,12,20, 24/11
13006	35	33,39,40,45/09;1,4,13,19, 30,31,39,43,46,47,48,49, 51/10;8,10,12,20,24, 27/11
13009	35	44*,46,47,48,49,51/10;5, 8,10,12,24/11
13200	37	33,40/09;13,31,42,49, 51/10;5,8,10,12,24/11
13201	11	N33,N40/09;N10,N13, N42,N49,N51/10;N5,N8, N10,N12,N24/11
13203	13	24/11
13204	13	14/11*
13205	39	11*,19,27/11
13209	25	10,12,18/10;19/11
13211	16	20/11*
13212	39	32*,42/10;22,27/11
13213	42	20*,27/11
13214	29	11/11*
13215	20	15/11*
13216	1	N22/10
13217	16	22/11*
13218	41	47/09*;1,4,6,19,20,21,23, 39,40,44,47,49,51,52/10; 3,12,21,27/11
13219	12	6,40,44/10
13221	58	28*,29,39,50,52/10;3,7, 13,27/11
13223	41	35*,43/09;29,50/10;3,7, 27/11
13224	39	39/09*;7,29,41/10;7/11
13225	34	4/10*
13226	7	14/11*
13227	14	5,39,50/10
13228	12	3/10*;3/11
13229	31	48/10*;3,12,21/11
13230	50	40/10*;3,21/11
13232	5	1*,21,41,45/10
13233	19	14/11*
13235	6	50/09;3,12,13,37/10; 12/11
13236	30	41,46/09;39,51/10;21/11
13237	40	5,20,40,42,45/10;7/11
13238	16	40,42/10
13241	16	20/10;7/11
13246	39	48*,51/10;8,12/11
13249	13	41/09;12,19/10;12/11
13250	9	11/11*
13251	15	41/09
13253	20	35/10*
13260	40	33,40,41/09;13,30,43,46, 47,48/10;5,10,24/11
13263	8	N33,N40,N41/09;N13, N30,N43,N46,N47, N48/10;N5,N10,N24/11
13267	35	17/11*
13269	11	23/11*
13270	64	16/11*
13272	50	33,35,37,38/09;5,32, 39/10
13274	28	23/11*
13275	31	33,35/09;2,11,27,33, 40/10
13276	23	52/10*
13278	27	47*,52/09;41/10;2/11
13279	33	39/09*;2,17/11
13281	19	48/10*;17/11
13282	12	46/09*;2/11
13283	21	20/11*
13285	11	47/09;19,20/10;26/11
13286	30	41,47,52/09;18,47/10;4, 24/11
13288	43	35*,52/10;4/11
13290	39	35/10*;4,24/11
13292	40	35/10*
13293	35	52/10*;13,26/11
13295	11	36/09
13296	25	36,42/09;19,39/10;13, 25/11
13298	10	19/10
13301	20	52/10
13302	22	41,45/09;24,40,52/10
13303	12	41/09;52/10
13305	28	24,40/10
13307	10	24,40/10;25/11
13309	29	44/10*
13312	22	22,48/10;27/11
13313	20	22/10
13316	22	48/10;27/11
13318	18	45/09;22/10
13321	9	45/09;22/10
13325	15	46/10
13392	3	16/11*
13394	3	22/10
13396	5	28/10*
13398	3	43/09;22/10
14003	6	33/09;43,46/10;2/11
14006		N12/10**
14018	6	15/11
14019		N46/10
14035		N18/11*

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 33/09 THROUGH NM 27/11

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.
14324	1	N11/10*
14336	1	N11/10*
14342	20	11/10**
14343	1	N12/10*
14348	1	N12/10*
14350	12	12/10**
14351	11	12/10**
14360	36	12/10**
14362	1	N12/10*
14373	2	12/10**
14377	1	N12/10*
14415	4	12/10**
14786	14	45/10
14800	10	45/10
14803	27	45/10
14805	24	40/09
14813	21	45/10
14815	23	22/11
14820	21	3,10/10;2/11
14823	30	2/11
14824	26	48/09;22/11
14826	28	48/10*
14829	6	3,10/10
14830	32	40/09;8,10,11,33,35, 37/10
14832	34	42,48/09;32/10;14,23/11
14833	26	42,48/09;32/10;14,23/11
14835	32	32/10;19/11
14836	27	48/09;15,37/10;22,23/11
14837	28	40/09;22/11
14838	4	2/11
14839	37	1*,8,10/10
14841	29	8/10;23/11
14842	15	34,49/09;10,37/10;25/11
14843	23	23/11
14844	32	34,36/09;25/11
14845	27	36,49/09;25/11
14846	14	13/11*
14847	31	10,35/10
14848	58	10,33,37,39/10
14850	54	15*,19/11
14852	46	36,37/09;5,12,32,47/10; 13/11
14853	17	36,37/09;5,10,12,32,33, 38,47/10;1,13,19/11
14854	14	33,38/10;1/11
14860	36	40/09;8,32,49/10;15/11
14862	28	49/09;38/10;15/11
14863	31	8/10
14864	27	22/11*
14865	16	37,49/09
14867	26	41/09;10,32/10;5,6/11
14869	26	32,36/10
14871	2	41/09**
14878	1	N35/09*
14880	32	40/09;8,38,45,49/10
14881	33	40/09;8,45/10
14882	35	45/10
14883	43	40,43/09
14884	39	10,51/10
14885	21	8/10
14901	15	36/09;14,32,36,37,45/10
14902	29	36/09;32,36,38/10
14903	24	37/10
14904	26	10,16,36,39/10
14905	31	14,37,39,42,45,50/10
14906	24	3/10
14907	27	32/10;1/11
14908	18	32,45/10
14909	20	36,44/09;32,42/10
14911	21	19,32,36/10;12/11
14912	17	12/11
14913	19	49/10
14915	25	32,42,45/10
14916	10	12,32/10;2/11
14917	24	19,42/10
14918	27	48/09;12,32/10;2/11
14919	28	37/09;14,32,42/10
14922	20	17,35,37,39/10
14924	28	48/09;38,42/10;5,6/11
14926	12	10/11*
14927	25	10,35/10
14928	22	35,39/10;6/11
14929	25	11/11*
14930	25	35/09;14,37,45/10
14932	23	42/09;3,35,37/10
14933	24	44/09;32/10
14934	29	34,49/09;37,51/10;23/11
14937	24	37/09;42,45/10
14938	24	36/09;36/10;9/11
14942	26	3/10
14961	12	36,40,42,43/09;10,42/10
14962	20	10/10
14963	20	40,43/09;47/10
14964	21	40,42,43/09;42/10
14965	21	35/09;37,42/10
14966	27	36/09
14967	23	32/10
14968	28	40/09
14969	22	47/10
14970	26	32,38/10
14972	26	33,43/09;17,39/10;12/11
14973	27	36/09;1/10
14974	24	1,39/10
14975	35	32,45,48/10;1/11
14976	18	40/09
15001	1	N12/10*
15004	1	N12/10*
15005	1	N12/10*
15008	3	12/10**
15018	3	12/10**
15020	5	12/10**
15031	1	N12/10*
15140	7	12/10**
15300	1	N48/09*
15484	1	N44/09*
15520	1	N44/09*
15540		N39/09
15543	1	N35/09*
15559		N18/11*
15561	1	N45/09
15568	1	N46/09*
15570	1	N46/09*
15663		N16/11
15670		N11/10**
15672	1	N44/09*
15745	1	N5/11
15785	1	N44/09*
15822	1	N44/09*
15863		N3/10
15926		N35,N38/09
15940		N38/09
15945		N35,N38/09;N8/11
15946		N8/11
15948	1	N44/09*
15952		N46/09
15953		N52/10
16003	17	41/09;22/10;19,21/11
16004	12	19/10;19,21/11
16005	10	41/09;22/10;19/11
16006	35	34,41,52/09;7,22/10
16011	37	34,41,43,52/09;3,7/10
16012	22	41/09;1,3,45/10
16013	30	36,37,41/09;3,46/10;1/11
16016	21	36,42/09;4,28/10;27/11
16041	8	38/09
16082	7	19/10;20/11
16123	6	40/10
16124	6	40/10
16200	14	41/09;22/10
16204	6	22/10
16220	5	41/09
16322	8	45/10
16323	9	41/09
16363	12	29,34/10
16381	9	24/11
16420	10	45/10
16421	10	45/10
16423	2	45/10
16431	7	45/10
16432	11	45/10
16471	12	1*,5/10;1/11
16475	9	5/10;1/11
16476	10	5/10;1/11
16500	10	7/10
16520	23	34,35,39,52/09;45/10
16522	6	52/09;22/11
16528	17	52/09;40,48/10
16529	16	52/10*
16530	7	28*,48/10
16531	7	43,52/09;40,45/10;24/11
16532	6	45/10
16535	12	3/10
16540	13	52/10*
16547	9	41,43/09;28,30,37/10
16549	16	23*,30/10
16551	10	4,12,14,22/10
16553	7	19/11*
16556	5	22,34/10
16561	4	52/10*
16576	4	50/10
16580	14	37/09;3,50/10;1,24,27/11
16594	13	24,27/11
16595	15	25,34/10
16596	12	48/10
16597	9	11/11
16598	10	11/11
16599	7	1,11/11
16640	24	41/09;17,18/10;13/11
16645	19	35*,45/10;13,24/11
16646	13	41/09;13,16,30,46/10; 24/11
16647	3	41/09;13,16,17,18,45/10; 13/11
16660	30	51,52/09;1,2,22,23,30, 46/10;9,11/11
16662	8	51,52/09;9/11
16663	8	51,52/09;1,2,22,23, 46/10;9,11,27/11
16665	9	52/09;1,2,22,23,46/10; 11,27/11
16682	17	13/11
16683	12	16/11*
16700	31	52/09;3,22,29,30,34, 46/10
16701	22	22/10
16702	14	47/09*;34/10;5/11
16706	10	34,50/09;1/11
16707	13	45/10
16708	28	20/11*
16709	25	19/11*
16710	18	3*,24/11
16713	4	40/10*
16760	10	3/10
16762	9	39/09;13/11
17003	4	47/09;2,4,5,6,21/10
17005	10	35,40,43,44,46/09;4,5,6, 7,16,20,31/10;10,24/11
17007	1	N43,N47/09;N7,N15, N16/10;N24/11
17300	31	34,35,42/09;7,13,15,17, 30,34,46,50/10
17302	18	7,15,45,50/10
17303	10	15/10
17311	1	42/09
17312	2	42/09;17/10;9/11
17314	12	42/09
17315	24	35,42/09;13,45,46,50/10; 20/11
17316	20	34,35,42/09;30,45/10
17317	20	34/09;7,14,22,45/10
17318	7	7,30/10
17320	18	37,42,52/09;14,28,34, 46/10;13,27/11
17323	12	42/09;20/11
17324	15	42/09;14,46/10
17325	9	52/09
17326	16	25,30,34/10;27/11
17327	24	13/11*
17328	7	27/11
17331	8	13/11
17338	14	42/09
17339	12	42/09;17/10
17360	35	37/09;1,5,35,40/10
17372	11	1,3/10
17375	22	9/10*
17376	8	14/10;5,13,27/11
17378	14	5/10
17382	17	42,52/09;4,25/10
17383	3	42/09
17384	9	42/09;22/10
17385	17	4*,22,34,40/10
17386	4	5/11
17387	13	5/10
17400	17	37,42/09;1,2,4,5,7,12,13, 25,34/10
17402	12	11/11*
17404	14	2,25/10
17405	16	46/09;1,2,3,5,7/10
17406	7	46/09;4,12/10
17411	1	N43/09;N24/11
17420	28	33,42/09;5,13,16,34/10; 12,24/11
17421	1	16/10;12/11
17422	9	42/09
17424	9	1/10*
17425	6	16/10;12/11
17426	15	42/09
17427	7	12/11
17428	10	43/09;24,46/10
17429	2	N43/09
17430	11	43/09;24/10;1/11
17432	7	42/09
17433	11	42/09
17434	13	46/10
17436	9	42/09
17437	9	15/11
17438	12	12/10**
17439	1	N12/10*
17440	1	N12/10*
17442	1	N13/10
17443	12	48/09;5,16/10
17445	2	12/10**
17446	1	N10/10;N10/11
17447	1	N10/10
17450	1	N12/10*
17451	1	N4/11
17452	1	N34/09**
17454	1	N12*,N16/10
17456	1	N44/09*
17460		N43,N44,N47,N51/09; N7/10
17464	4	12/10**
17468		N2,N16/10
17470		N2/10
17471		N7/10
17472	4	34/09**
17480	4	12/10**
17482	1	N15/10
17483		N15/10
17484	3	34/09**
17485	4	44/09**
17487	3	34/09**
17488	1	N12/10*
17489	19	12/10**
17491	3	34/09**
17493	1	N4/10;N24/11
17494	1	N34/09**
17496	1	N5/10;N8/11
17498	1	N44/09*
17499	1	N48,N51/09;N25/10
17500	1	N2,N11/10;N17/11
17502	1	N34/09**
17506		N51/09;N24/11
17510	1	N31/10*
17511	1	N34/09;N1,N19/10
17514	1	N37/09;N12,N19, N31/10;N10/11
17517	8	44/09**
17520	2	N4/10
17522	1	N44/09
17524		N34,N35,N40/09;N5, N17/10;N21/11
17525		N35/09;N4,N17/10; N21/11
17528		N24/11
17541	3	34/09**
17545	13	34/09**
17546	22	31/10**
17549	6	34/09**
18000	8	4,7,10,11,12,21,22,36,40, 44,47,49/10
18002	7	N34,N37,N41,N46/09; N4,N7,N10,N11,N12, N21,N22,N36,N38,N40, N44,N47,N49/10;N3, N13,N22,N26/11
18003	20	39,44,46,47,48/09;3,12, 17,20,35,36,40/10;16, 23/11
18005	5	N41,N42/09;N7,N8,N9, N10,N11,N21,N22,N36, N40,N43,N46,N48/10; N3,N8,N26/11
18006	4	N41/09;N7,N10,N21, N22,N36/10;N3/11

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 33/09 THROUGH NM 27/11

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.
18007	33	34,42,44,47,49/09;1,3,5,10,12,17,20,23,24,31,39,40,43,46,48/10;23,26/11
18008	8	N33,N42,N44,N47,N49/09;N5,N6,N10,N12,N17,N20,N21,N24,N31,N39,N40,N43,N46,N48/10;N23,N26/11
18009	3	N42/09;N8,N11,N12,N22,N43,N46,N48/10;N8,N26/11
18010	21	34,42,48,51/09;8,10,11,12,20,22,23,39,40,43,46,48/10;8,26/11
18020	38	34,37,42,46/09;7,9,10,11,12,20,21,22,32,36,37,38,40,41,43,44,46,47,48,49/10;2,3,7,8,13,22,26/11
18022	35	34,37,42,46/09;4,7,8,9,11,12,20,21,22,24,25,29,32,36,37,38,40,41,43,44,46,47,48,49/10;2,3,5,7,8,12,13,22,26/11
18400	48	34,36,37,40,42,43,47,48,49/09;7,12,15,29,30,31,34,40,42,49,51/10;6,26/11
18404	2	N44/10*
18411		N35/09**
18419	11	3/10
18421	50	23/11*
18422	1	N35/09**
18423	37	46*,47,48/09;1,2,5,7,14,15,20,26,29,30,31,36,37,38,40,41,42,49,51/10;5,6,8,21,27/11
18424	28	16/11*
18425	1	N35/09**
18426	1	N5,N17/10
18427	23	26,49/10;8,27/11
18428	10	48/10*;5/11
18429	10	36,39,42,46/09;14,49/10;8/11
18430	9	40/10*
18431	7	47,48/09;40,49/10
18432	6	33/09;40,42/10
18433	6	46/09;2/10
18434	7	42,47/09;14,15,20,34,38/10
18435	1	N11/10
18436	1	N33/09;N5,N17/10
18437	1	N33/09
18438	1	N35/09**
18439	1	N35/09**
18440	30	48*,51/10;2,5,6,7,15,21,26/11
18441	46	33,34,41,42,43,47,48,52/09;5,13,15,19,20,25,36,37,40,41,44,51/10;5,6,7,9,15,21,26/11
18442	1	N48/09;N2/10;N21/11
18443	17	12*,41,51/10
18444	17	4*,5/10
18445	33	33,40,41,42,47,49,50,51/09;5,13,14,15,18,20,22,23,24,25,28,29,32,34,35,37,41,42,44,45,50/10;6,7,9,10,15,16,17,26/11
18446	18	20/11*
18447	29	36,40/09;5,41/10;9,23,26/11
18448	34	40,42,47/09;13,14,22,23,24,28,29,35,37,41/10;6,15,16,17,26/11
18449	19	27/11*
18450	18	33/09;18/10;2,6,15,26/11
18451	1	N21/11
18452	16	47/09;35/10
18453	26	35*,42/10;10,26/11
18454	5	N42/09;N13,N14,N24,N28,N41/10;N6/11
18456	21	3/11*
18458	17	52/10*
18459	5	N37,N44/10
18460	13	37,46/09;12,29,31,34,40/10;26/11
18461	1	N2,N42/10;N10/11
18462	1	N46/09;N3,N7/10
18464	25	34,41/09;37,51/10;6/11
18465	38	39,42,43,46/09;7,14,15,38,40/10;27/11
18466	1	N16/10
18467	2	N5,N10/10;N10/11
18468	18	14,15/10;4/11
18471	11	34,41,42,48/09;37,40,51/10;6/11
18473	8	34,41,42,48/09;5,13,15,20,25,37,44,50,51/10;9,15/11
18474	9	27/11*
18476	5	13,25,27,34,37,44/10
18477	5	41,48/09;13,37,44/10
18480	31	37,42,46/09;12,19,29,31,34,36/10;10,18,26/11
18484	12	39/09;26/11
18485	16	39/09;12,29,34/10;26/11
18500	30	39/09;3,26/10;16,18,21,23/11
18502	86	47/09;3,25,26,42/10;16,19,23/11
18504	66	40/09;26,36/10;18/11
18520	27	47,48,49,50/09;12,17,26,49/10;18,21,23/11
18521	74	40*,42,48,49,51,52/09;16,18,26,27,37,49/10;10,15,18,24,26,27/11
18523	57	26*,28,29,31,32,33,37,48,49,52/10;2,12,15,19,21,24,26/11
18524	36	34,40,50,52/09;15,16,21,26,27,29,30,37,49,52/10;9,12,15,21,24,27/11
18525	36	33,40,48,52/09;13,16,22,27,36,37,49,50,51/10;6,9,10,15,21,24,27/11
18526	59	40,48,52/09;7,13,16,22,27,35,36,37,49,50/10;3,6,9,10,15,24/11
18527	22	48/09;13,35/10
18528	11	7,15,51/10;6,9/11
18531	22	37,40,52/09;13,16,27,41,49,50/10;7,12,15/11
18532	21	36/09;13,28/10;12,26/11
18554	8	32/10*
18556	25	50/09;19/11
18558	38	47,50/09;7,12,13,37,49,51/10;18/11
18561	12	7/10;19,27/11
18580	22	43,47/09;7,35,36/10;26/11
18581	18	3,7,29,34,50/10;21,26,27/11
18583	39	43,47/09;34,35,36,52/10;15,21/11
18584	48	43/09;2,23,34,35,52/10;13,19,24/11
18587	71	23/11*
18588	37	2,15,21,38,50/10;18/11
18589	16	3,13,23,40,50/10
18600	15	19/11*
18601	14	13/10;18/11
18602	12	48,51/09;15,26,36/10;18/11
18603	17	19/11*
18605	13	11/11*
18620	23	7,11,12,23,26,39/10
18622	55	35*,42/10
18626	15	11/10
18628	8	11/10
18640	25	42/09;43,46,48,51/10;26/11
18643	18	10/10*;2/11
18645	26	42/09;26,37,43,46,48,51/10;26/11
18647	16	46/10
18648	5	N46/10
18649	67	4*,8,11,20,24,25,26,27,28,29,30,35,37,40,41,43,48,51/10;12,13,17,24/11
18650	56	46*,47,50,51/09;1,7,8,20,24,25,28,29,30,35,41,48/10;13,17,24/11
18651	44	33/09;7,24,42,51/10;27/11
18652	36	15*,21,24,27/11
18653	11	1*,20,24,27,30,37,41/10;12,13,14,24/11
18654	45	14*,24,27/11
18655	59	1,30,42/10;2,10,24/11
18656	56	40*,51/10;9,13,14/11
18657	19	7,13,24,25,26,30,35,37,51/10;9,13,14/11
18658	31	13,23,24,25,30,35,37,51/10;9,13,14/11
18659	16	14/11*
18660	3	10,22/10;10/11
18661	30	7,10,22,40/10
18662	22	7/10;21/11
18663	6	22,40/10
18666	1	13,25,30,35/10;13/11
18680	31	42/09;8,11,22,43,46,48,51/10;2,8,25,26/11
18685	33	8,22/10;2,25/11
18700	22	41,44/09;10,12,22,37,50/10;3,19,26/11
18703	25	44/09;12,24,32,37/10;3,10,19/11
18704	13	37/10;3/11
18720	33	44,49/09;4,10,11,12,16,20,22,44,47,50/10;2,3,12,15,19,26/11
18721	12	10*,12,20,22,50/10;2,3,15,26/11
18722	3	26/11
18723	3	41,44/09;3,26/11
18724	2	50/09
18725	29	8,11,22,31,50/10;10,12,18,19,21/11
18728	9	44,50/10
18729	13	3/11
18730	2	N44/10
18740	42	34,37,46,47/09;4,7,8,10,11,12,16,20,22,24,25,26,29,32,36,37,38,40,41,44,46,47,49,50/10;5,7,10,11,13,15,22/11
18741	19	N34,N46/09;N4,N7,N8,N10,N12,N22,N25,N26,N29,N32,N36,N38,N41,N44,N46,N47/10;N11,N15,N22/11
18744	33	44*,46/10;5,10,13,21/11
18746	38	3*,7,32,40,49/10;7,8/11
18748	1	10,24,28/10;5,13,21/11
18749	43	24*,32,39,40,46,48,50/10;8,9,21,25/11
18751	46	42/09*;11,37,39,46,48/10;8,9,25/11
18754	18	52/10*;7/11
18756	8	17/10
18758	6	27,29,40/10;11,17,25/11
18760	7	N34,N37,N41,N46/09;N4,N7,N10,N12,N20,N22,N25,N32,N34,N36,N38,N40,N44,N47,N49/10;N2,N3,N7,N13,N15,N22/11
18761	3	N34/09;N7,N12/10
18762	16	10*,12,38,41/10
18763	10	34,46/09;7,12/10
18764	10	3/11*
18765	17	3*,5,15,16,22,26/11
18766	7	4,7,10,22,25,26,34,38,41/10;4,15,22/11
18768	5	N4,N7,N10,N22,N25,N26,N29,N34,N38,N41/10;N4,N15,N22/11
18769	3	N34,N46/09;N7,N12,N26,N36,N38,N41,N44/10
18772	48	22,27,28,32,34,43,44,46/10;15,16/11
18773	42	16*,20,25,26/11
18774	11	46/09;8,29,31,32,36,38,41,44,46/10;11,17,25/11
18775	3	N34,N46/09;N7,N12/10
19002	11	N46*,N49/10;N11,N13,N17/11
19004	39	4*,11,13,17/11
19007	18	34,35,39,40,42,46,52/09;1,6,23,36/10;6,11,17/11
19008	5	34,35,39,40,42,46,52/09;1,6,16,18,21,22,36/10;6,11,17/11
19010	20	22/11*
19013	19	48*,49/10;6,11/11
19016	12	34,35,40/09;16/10
19320	17	41,42/09;1,12,15,18,23,26,45,49/10;13/11
19324	22	30,40/10
19327	11	36,42/09;1,51/10;1/11
19330	11	36/09;1/11
19331	7	1/10
19339	2	N41,N42,N43,N46,N48,N49/09;N6,N11,N12,N15,N16,N18,N23,N26,N45,N49/10;N11,N12/11
19340	27	41,42,43,46,48,49/09;6,11,12,15,16,18,23,26,45,49/10;11,12/11
19342	11	15*,40/10
19347	18	41/09;16,18/10
19348	8	36/09;16,40/10
19350	11	49/09
19351	10	41/09;23/10
19353	13	18/10*
19357	24	41,43,46,48,49/09;3,6,11,40,49/10;6,11,12,24/11
19358	21	36/09
19359	12	46/09;3/10
19360	1	N48/09;N6/10;N11/11
19361	9	18/10*
19362	14	39*,43,48/09;6,11,49/10;1,11,12/11
19366	37	48/09;11/10;12/11
19367	39	33/09;40/10;6,24/11
19369	6	33,48/09;40/10;6,24/11
19379	2	N41,N48/09;N6/10;N11/11
19380	15	41,48/09;6/10;11/11
19381	9	36/09;2,25/10;12/11
19382	16	18*,23,25/10
19383	18	52/10*;12/11
19388	3	N35,N39,N40/09
19481	12	13/11*
19482	10	10/11*
21008	62	42/09;10,24/11
21011	5	6/10
21014	72	5,6,47,48/10;4,10/11
21017	50	46/09;5/10
21020	42	46/09;21/10
21021	3	47/10
21023	41	21,47,50/10
21026	47	29,47/10
21033	46	41,43/09;2,10,13,16/10;13/11
21036	7	41/09;2,10,13/10;10,12,19/11
21100	29	6/10;6/11
21120	27	5,6,32,48/10;6,7/11
21121	18	6,43/10;6/11
21122	5	4,6/11
21126	2	N19*,N34/10
21140	1	4,7,22,26,34/10;4,22/11
21141	23	10/11
21182	35	N10/11*
21301	14	32*,52/10;10/11
21338	5	18/11*
21342	28	30,43,47/10
21384	4	43,47/10
21401	21	30/10*
21441	27	50/10
21478	3	42/09;52/10
21483	1	39/10;6,27/11
21489	1	6,27/11
21500	1	41/09;29/10;10,12,19/11
21510	1	47,52/10
21520	1	25/10;1/11
21521	15	16,25/10;1/11
21524	3	5,12/11
21526	5	N37/10*;N22/11
21529	3	19/10*;1/11
21530	1	19/10*;1/11
21544	20	47/10
21550	1	19/11
21560	33	41/09;47/10;19/11

CHARTS AFFECTED BY NOTICE TO MARINERS
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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.
21563	3	5/11
21581	5	41/09
21584	2	41/09
21601	4	41/09
21602	2	41*,51/09;17,19/11
21603	10	41/09*;17/11
21604	26	50/09*;8/10;19/11
22000	16	4/10
22004	38	15,16,23,40/10;12/11
22008	35	35/09;6,23/10
22012	31	10/11
22032	20	5/10
22036	28	5,34,36/10;25/11
22040	1	43/09;2,10/10
22050	4	42/09;2,5,15,16,28/10; 11,13,15,23/11
22051	19	10,22,23,24,36/10;14,15, 18,21,23/11
22052	7	10,23,24,36,49/10;4,6,9, 15,18,27/11
22054	1	22,24/10;14,15,21,23/11
22055	1	10,22,23,24,47,48/10;9, 14,15,18,21,23/11
22080	3	8,15,16/10;11/11
22081	1	5,43/10;14,15/11
22082	5	10,16,30,42,43/10;4,14, 15,17,18/11
22083	6	42/10;4,14,15,17/11
22084	4	49/09;15,16,40/10;4, 11/11
22090	2	35,44/09;40/10;4,9,12/11
22102	19	46/09;52/10;4/11
22103	2	46/09;52/10
22109	3	46/09;8,52/10;4/11
22111	4	40/10
22112	3	40,41,44,52/09;40,46/10; 9,11,12,13,22/11
22113	8	40,41/09;8,14,40/10;9, 22/11
22114	5	40/09;40/10;10/11
22115	4	9,11,12,13/11
22117	3	40/09;46/10;10/11
22120	3	23,45/10;10/11
22121	9	34/10;10/11
22124	2	35/09;5/10;10/11
22130	2	6,23,45/10
22138	3	35/09;6,24,37/10
22140	2	35/09;45/10;27/11
22142	2	35,42/09;5,45/10;27/11
22143	4	18/11
22145	2	N18/11
22160	2	35/09;6/10;18/11
22170	3	35/09;6,7,8/10;10/11
22172	8	35/09;6,23,37,45/10;10, 18,20,27/11
22173	36	35,42/09;6,34/10;18,20, 27/11
22181	17	42/09;5,34/10;10,20, 21/11
22182	7	7,23/10;10/11
22205	2	8/10
22221	20	52/09;8,45/10;3/11
22233	30	N24/10*
22234	2	N19/10*
22250	2	23,30/10
22251	12	N32/10*;N15/11
22252	19	N35/10*
22259	5	18/10
22262	3	35,39/10;3/11
22263	2	46/10;12/11
22264	3	48/09;18,26,46,49/10; 12/11
22275	3	48/09;15,23,26,30,32, 49/10;19/11
22281	10	23,30/10;5/11
22282	17	48/10
22285	1	48/10
22286	1	23,30/10;5/11
22290	4	48/09;8,26,27,35,49/10; 3,15,19/11
22293	15	48/09;15,18,26,32,49/10; 3,19/11
22294	16	3,12/11
22295	2	3/11
22305	2	27,30,35,47/10;3,23/11
22311	19	12,15/11
22312	2	3/11
22313	2	6,27,35,49/10;3,12,15/11
22314	1	6,33/10;3,12/11
22331	2	N8/11**
22335	4	26,30,49/10;5/11
22341	9	6,26,30,36,39/10
22342	9	52/09;6,26,32,36/10
22343	2	N27/11*
22345	11	27/11**
22346	1	11/11
22347	6	N52/09;N6,N26,N36/10; N19/11
22351	3	N27/11*
22352	6	26,30,49/10;5/11
22360	2	15,26/10;5/11
22361	2	N8/11**
22370	2	48/09;26,46/10;5/11
22371	5	48/09;30,46,49/10;5, 14/11
22373	1	N8/11**
22375		N8/11**
22377	1	N8/11**
22379	2	N17/10*
22381		N8/11**
22395	2	36/10;14/11
22401	5	N8*,N23/10;N7/11
22403	1	N8/11**
22404	16	N21/11*
22405	7	N21/11*
22406	1	N8/11**
22407	1	N8/11**
22408	1	N12/10
22409	4	N12/10
22410	32	5,7,8,26,34,46,47,49/10
22413		N8/11**
22415	8	6,7/10
22417	1	N8/11**
22418	2	11/10;19/11
22420	2	29,30/10
22421	4	N8/11**
22423	3	N8/11**
22424		N8/11**
22425	2	7,26,35/10
22427	1	N8/11**
22429		N8/11**
22430	6	11/10
22433	3	11/10
22440	1	34/10
22461	1	N41/10;N25,N27/11
22471	31	5,36/10
22481	35	5,8,11,27,47,49/10
22482	17	N27/10*
22492	3	14/10;3/11
22521	4	N49/10*;N18/11
22523	3	40/10;18/11
22528	4	N7/11*
22547	4	N46/10*
23000	5	5,36,40/10;2,25/11
23010	4	36,37,47/10;1,26/11
23020	4	33,36/10;5,23/11
23023	4	36,37/10;1,5,11/11
23030	6	36,47/10;5,17,23,26/11
23071	4	N23/11*
23101	5	36,45/10
23102	7	N39/09*;N45/10
23103	1	N7/11
23115	3	36/10
23121	7	37,41,47/10;9,26/11
23122	8	35/10;4,5,18/11
23123	3	47/09;36/10;17,23/11
23124	4	N15/11*
23125	4	47/09;36/10;17,23,26/11
23126	6	N35,N37,N41/10;N9/11
23127	4	N35/10;N9,N18/11
23129	2	N35/10;N4,N5,N18/11
23131	7	32/10;5/11
23141	7	5/11
23142	10	37,40/10;5,26/11
23145	3	9,17/11
23151	3	24/11
23152	3	24/11
23153	8	24/11
24000	39	33/09;32/10
24004	36	33,39/09;11,32/10
24008	42	22,32,42/10
24016	53	43/09;37/10;19/11
24020	47	48,50/10
24024	46	48/09;22/10;7/11
24028	6	48,49/09;22,29,32,43,45, 48/10;9,23/11
24050	11	36,40,41,47,50/10;7,9,17, 26/11
24052	17	N27/11*
24053	17	N27/11*
24055	6	40,47,50/10;6,7,11,25/11
24057	5	36,46/10;7,25/11
24058	3	N9/11*
24091	7	N6*,N14,N41/10
24092	15	N6*,N14/10;N3/11
24100	5	17,26,41/10
24101	3	41/10
24102	3	41/10
24103	3	52/10
24110	3	37,43/09;26/10
24120	9	33/09;46/10
24121	10	31,44/10
24122	2	44/10
24130	14	39/09;11,27/10
24131	8	37,43/09
24132	13	33,37,39/09;41,42/10
24133	6	32,41/10
24140	18	33/09
24141	4	33,39/09;41/10
24142	43	22/10
24149	2	42/10;21/11
24150	27	33/09;14,42/10
24151	4	33/09;42/10
24153	6	37/09;44,50/10;21,25/11
24154	12	37/09;44/10;2,25/11
24155	6	37/09;27,31,32,41,42/10; 24/11
24156	3	31,32,40,48/10;21/11
24159	1	31,48/10
24160	21	33,37/09;4,14/10
24161	12	N26/11*
24162	10	N15*,N19,N27/11
24164	6	27,41,42/10;25/11
24170	14	33/09;41,42,52/10
24171	20	N32*,N50/10
24172	5	N37/10*
24180	15	33/09;27,31,32,52/10
24190	15	22,42/10
24200	14	31,41,46/10
24201	5	39/10;15,18/11
24202	7	21,38/10
24203	36	39/10;15,18/11
24210	14	32,46/10
24211	8	11/10
24220	14	37,41/09
24222	3	37,41/09;13/11
24223	33	41/09;44/10
24224	1	32,34/10
24230	20	19/11
24231	7	38/10
24235	2	38/10
24250	5	37/10
24251	23	39/09;17,41,46,50/10; 14/11
24252	5	39/09;41,46,50/10
24263	2	37/10
24270	3	44/09;52/10
24271	14	33/09;52/10
24274	2	42/09;52/10
24290	3	27,40,50/10
24291	4	24,40/10
24292	4	22,27,31,40/10
24293	6	27,30,31/10;21,25/11
24294	23	22,31,39/10
24311	4	11,31/10
24319	1	11,31/10
24320	4	40,48/10
24321	3	40/10
24322	6	40,42/10
24350	2	22,45,48/10;5,7/11
24355	2	45,48/10;5,10/11
24360	1	48/09;5/11
24370	1	48/09;29,32,46,48/10
24375	2	15,32/10
24376	1	13/11
24380	2	52/09;43,46/10;7/11
24381	14	11/11
24385	1	43/10;2/11
24388	2	52/09;30,39,42/10;26/11
24390	3	49/09;11/11
24400	1	29/10;9,23/11
24402	17	9/11
24404	9	41,42/09;17,19,39/10; 14/11
24405	12	N21/11*
24406	32	N37*,N49/10;N19/11
24408	21	44/09;19,30,39/10
24410	2	41/09;29/10
24423	2	46/09
24430	5	40,41,42,46/09;16,22,23, 28,30,33,45/10;27/11
24431	14	40/09;23,28/10
24434	4	41/09;16,22,28,45/10
24435	5	25,29/10
24441	3	33/10
24450	3	49/09;24,33,36/10
24452	7	49/09;37/10
24453	5	25,46/10;7/11
24454	5	41,52/09;25,46/10;7/11
24460	4	41,43/09;22,23,24,29, 36/10;26/11
24461	4	46/09;24,28/10
24462	5	24,28,40/10
24463	6	41/09;16,25,30,46,48,49, 52/10
24464	20	24,52/10
24465	6	45/09;51/10
24468	1	42,43/09;23/10;17/11
24469	1	42,43/09;23/10;17/11
24470	4	34,43/09;13,17/11
24471	9	34/09;22/10
24480	1	37/09;19,22,23,28,29,40, 46,50/10;7,17/11
24485	1	43/09;48/10;5/11
24486	1	42/09;30/10;19/11
24490	3	43/09;16,21,22,25,29/10; 12,17/11
24491	3	43,49/09;16,22,29,36, 48/10;17/11
24492	21	N43/09;N48/10;N5/11
24500	1	49/09;16,29,36,49/10;4, 14,17,26/11
24501	3	22,29/10;17/11
24502	6	44,49/09;24,25,29,36,46, 49,50/10;4,14,17,26/11
24504	7	37/09;4,22,23,28,40, 42/10;14/11
24507	1	37/09;4,19,22,23,28,36, 40,42/10;14,15,16,26/11
24508	4	32*,42,43/10;11,15,16, 27/11
24509	3	37*,40,43/10;14/11
24510	3	38*,42,43/10;11,14,15, 16,27/11
24512	3	39,50/10;7,17/11
24513	18	39/10;7/11
24514	1	39,50/10;7/11
24517	2	42/09;30/10;19/11
24521	3	43/09
24531	4	43/09
24551	3	39/10
25001	7	42,47,51,52/09;3,16,22, 23,29,47/10;2/11
25017	6	N12,N17,N47,N51/10
25018	9	3,12,17,47/10
25400	2	42/09;45/10;9/11
25480	1	1/10
25485	45	48/09;22/11
25487	2	48/09;22/11
25521	35	52/09
25524	43	52/09;46,49/10;18/11
25525	17	1/10
25526	2	52/09;1,46/10;18/11
25527	31	52/09;46/10;16,18,27/11
25528	5	5,11,12/11
25550	2	52/09;17,39,46,51/10;2, 22/11
25561	24	51/09
25563	50	52/09;39/10;2,4,22/11
25564	7	19,51/10
25565	7	48/10
25566	27	30,52/10;13/11
25567	16	16/10;2/11
25600	47	46,52/09;6,12,17,25,47, 51/10;2/11
25601	34	48/10
25607	4	52/09;6,17,28,32,46,48, 49,51/10;2/11

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 33/09 THROUGH NM 27/11

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.
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25609	5	39,47/10;17/11
25611	22	34/10
25613	3	42,46,49,52/09;6,12,16, 25,32,33,47,48/10
25640	43	3,17/10
25641	28	19/11*
25647	11	21/10;17/11
25649	20	40/10*
25650	35	14/11*
25670	43	13,16,27/10
25671	18	41/09;3,35/10
25675	9	35/10
25677	21	17/10;3/11
25681	17	3/11
25683	19	26/11
25700	3	41/09
25710	2	10/11
25720	3	33/10
25800	3	7,34,47/10
25803	17	10*,34/10
25847	1	10/10*
25848	26	26*,42/10
25849	13	34/10
26001	4	47/09;1,22,29,50/10
26030	6	5/11
26060	1	19/10
26068	12	10/10*
26080	1	N43/10*
26081	9	N43*,N50/10
26082	1	N43/10*
26083	14	12,33/10;11/11
26100	4	5/10
26122	30	9/11
26130	20	42/09;34/10
26142	10	10/11
26146	1	28/10*;10/11
26147	31	5,10,28/10
26150	1	4/11
26181	21	9*,12,15/11
26182	1	11/10*
26184	5	19*,52/10
26186	19	14/11*
26187	1	10/10*
26188	11	7,10/10
26194	5	6/10
26206	10	16/10
26207	1	16/10*
26218	2	40/09;5/10
26219	5	5,6/10
26229	11	40/09;2,5/10
26230	13	N8/10*
26237	3	16/10;17/11
26244	3	37/09
26250	18	37/09
26261	27	33/10
26282	7	N34,N45/09;N13/11
26295	1	34,45/09;13/11
26311	1	N13/11
26312	3	18/11*
26320	5	40,49/09;5/10;23/11
26340	5	5/11
26341	79	5/11
26342	19	5/11
26343	17	5/11
26344	10	5/11
26345	6	5/11
27005	4	34,45,49/09;1,3,37, 52/10;10,13/11
27040	5	37/09;13/11
27041	4	37/09
27060	2	37/09
27080	4	40,51,52/09;26/10
27083	39	50/09;47/10
27084	4	47/10
27100	2	40/09
27120	4	1,6,34/10;7/11
27130	2	17/11
27142	5	5/10;17/11
27160	2	1,37,52/10
27180	2	14,34/10
27206	18	16/11
27211	22	14/10
27241	23	34,37/10
27243	2	34,37/10
28004	1	34,45/09;1,6,52/10
28041	4	41/09
28042	3	35,41/09
28050	3	12,33/10;10,23/11
28051	2	40/10
28054	2	52/09
28082	19	9*,26,27/11
28104	3	14/11*
28130	1	34/09
28144	5	10*,13/11
28150	3	46/10
28153	1	51/09
28154	2	40,51/09;46/10
28162	29	48/09;24/10;4,16/11
28164	17	48/09;24/10;4,16/11
28165	22	23/11*
28190	2	6,34/10
28196	4	1,6,34/10
28197	4	1/10
28201	8	42/09
28202	22	34,39/10;7/11
28210	2	34,43,52/10
28220	2	34,43,52/10
28223	5	N7*,N10/11
28260	30	34/10;11/11
28263	3	42/09;4/11
28264	3	42/09;4/11
28281	32	47/10
28282	2	47/10
28300	1	32,39,43,52/10;24/11
28302	16	19/10**
28303	1	N48/09*;N51/10
28304	1	N19*,N51/10;N11/11
28310	2	44/09;39,43,51/10;11/11
28320	6	42/09;32,49/10;24/11
28321	36	52/10;24/11
28323	2	42/09;49/10
28325	2	42/09;43,49/10
28330	2	42/09
29002	9	33/10;10/11
29005	7	19/11
29012	8	18,21/11
29015	5	18,21/11
29018	4	4/10
29022	5	4/10
29040	3	33/10;27/11
29101	6	19,24/11
29104	4	33/10;19/11
29105	5	34/10;11,19/11
29107	2	6/11
29121	5	14/10;19/11
29122	5	39/10;19,20/11
29123	2	20/11
29124	1	39/10;11,19,20/11
29125	1	16,20/11
29126	2	39/10;20/11
29127	4	11,20/11
29141	3	11/11
29142	3	19/11
29281	1	20/11
29321	5	20,21/11
29322	3	20,21/11
29324	2	20/11
29325	1	20/11
35000	26	25,37,40/10;9,13,16, 18/11
35001	2	N33/09*
35003	1	N12/11
35008	21	39/10;4,9,16,18/11
35010	1	N18,N21/11
35014	3	N33/09*;N18,N19/11
35024	2	N25/10
35025	1	N39/09**
35027		N39/09**
35028	1	N39/09**
35034		N39/09**
35035	1	N19/11
35038	2	N39/09**
35039	1	N39/09**
35046		N39/09**
35049		N39/09**
35051		N39/09**
35053		N39/09**
35054	1	N39/09**
35055	1	N9/11
35057	2	N39/10*
35058	2	N39/10*
35059	2	N33/09*
35061	2	N39/09**
35065	2	N39/10*
35068	2	N39/10*
35069	1	N39/09**
35071	2	N39/10*
35075	2	N9/11
35079	4	N39/10*
35089	2	N12/10*
35092	3	N13/10*
35093	4	N39/10*
35096	1	N19/11
35098	1	N39/09**
35102	1	N40/09**
35104	2	N9/11
35105	1	N40/09**
35106	2	N33/09*
35107	1	N40/09**
35108	1	N40/09**
35111	1	N40/09**
35112	1	N40/09**
35118	2	N33/09*
35119	2	N9/11
35122	1	N40/09**
35124	1	N40/09**
35125	2	N40/09**
35126	1	N9/11
35127	1	N9/11
35129	1	N40/09**
35132	1	N40/09**
35133	1	N40/09**
35134	2	N40/09**
35137		N40/09**
35145	1	N40/09**
35146	1	N40/09**
35151	1	N26/10*
35172	3	N33/09*
35303	7	43/09**
36000	1	N24,N25/10;N9,N18/11
36001		N34,N36,N37,N40, N42/10
36002		N25/10
36003	1	N41/09**
36004	1	N41/09**
36005	2	5,7,9,17,18,22,26,30,34, 36,37,40,42,52/10;9, 13/11
36006	1	N24,N25/10;N9,N18, N21/11
36007	1	N24/10
36008	1	N24/10
36009	1	N24/10
36013	1	N41/09**
36019	2	N18/11*
36021	1	N26/10*
36025	2	N18/11*
36026	1	N41/09**
36027	3	N41/09**
36028	2	N41/09**
36029	1	N41/09**
36031	1	N41/09**
36034	1	N33/09*
36035	1	N33/09*
36037		N41/09**
36038		N41/09**
36043	3	N41/09**
36045		N41/09**
36047		N41/09**
36048		N41/09**
36049	1	N33/09*
36050		N36,N40/10;N9,N18/11
36051		N41/09**
36052		N41/09**
37000	23	22/10*;16,18,21/11
37001		N42/09**
37002		N42/09**
37003	1	N18/11
37004	3	N39/10*
37005	17	1,11,39/10;4,9,10,12,18, 19,21,26/11
37007	1	N18/11
37009		N42/09**
37010	24	1,11/10;9,10,12,21,26/11
37011		N42/09**
37012	1	N42/09**
37013		N42/09**
37014	1	N42/09**
37015	1	N34,N36,N40/10;N9, N21/11
37016	2	N39/10*;N22/11
37017	1	N20,N21,N23/11
37018	1	N42/09**
37019	2	N39/10*;N20,N21, N22/11
37020	2	N21,N22,N23/11
37021	2	N18*,N22/11
37022	1	N42/09**
37023	1	N42/09**
37025	26	41,49/09;26,34,36,37/10; 2/11
37026		N42/09**
37028	1	N6/10*
37029		N42/09**
37030	1	N43/09**
37031	1	N43/09**
37032	2	42,46/10;17/11
37033	2	2/11
37034	2	2/11
37035		N43/09**
37036	1	N43/09**
37037	1	N43/09**
37038	1	N43/09**
37039	3	N43/09**
37050	9	18,25,26,34,36,37,40, 42/10;18,24/11
37053	1	N43/09**
37054		N43/09**
37055		N5,N10,N14,N22, N44/10;N9,N10/11
37056	1	N43/09**
37059	1	N18/11*
37062	3	N33/09*
37066	6	N26/10*
37067	5	N43/09**
37080	4	N37/10*
37085	8	43/09**
37090	8	8,17,18,23,34,36,37, 40/10;3/11
37091	1	N43/09**
37095	3	18,27,34,36,40/10;3/11
37103	9	18/10
37104	4	N18/10
37106	4	18/10
37110	11	18/10;3,13/11
37112	1	18/10;23/11
37115	2	18/10;3,13,23/11
37120	3	33,43,45/09;13,14,18,27, 38,44,49/10;1,9,10,13,26, 27/11
37121	11	18,38/10;10/11
37123	10	N14/11*
37125	16	N14/11*
37126	8	38/10
37127	11	38,50/10
37129	7	N46*,N49,N52/10;N4, N6,N9,N13,N25,N27/11
37140	33	33/09;38/10;10,18/11
37162	13	N26/11*
37163	20	N39,N41,N49/09;N3, N22,N31,N44/10
37164	5	N38,N41,N45/09;N10, N14,N27,N44,N47, N49/10;N4,N9,N25/11
37165	3	33,37,40,41,43,44,47,48, 49,52/09;1,3,5,7,10,11, 15,19,21,23,26,31,43,44, 47,49/10;6,9,10,15,21,25, 26/11
37166	3	40,41,48/09;1,5,10,11,14, 23,27,32,47,49/10;9,10, 13,15/11
37200	16	44/09;23,31,43/10;4, 26/11
37205	3	33,44,49,52/09
37221	14	37,39,47,52/09;1,7,11,19, 26,27,31,43/10;2,16, 25/11
37222	14	N46/10*;N2,N6,N7, N26/11
37223	14	39,40,41/09;1,5,10,11,21, 23,32,33,44,45,47/10;1, 13,15,16,25/11
37224	11	51/09;3,19,22,27/10;6,7, 21,26/11

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 33/09 THROUGH NM 27/11

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.
37226	18	N34,N39,N41,N43/09; N4,N11,N15,N19,N21, N27,N31,N43,N45,N46, N51/10;N7,N10,N25, N26/11
37228	14	41,43,52/09;13,32,42,43, 45,47/10;7,23/11
37229	15	34,52/09;7,42,43,49, 51/10
37230	14	45/10;2/11
37231	18	39,43,49,52/09;13,15,19, 23,43,45,46,51/10;8,10, 14,25/11
37232	13	N41/09
37234	14	N21/11*
37235	11	51/10;2,5/11
37238	6	39,41,45,49,51/09;4,10, 11,22,23,27,32,47,49, 52/10;1,4,26/11
37241	19	N38,N39,N41,N44, N49/09;N1,N4,N5,N10, N14,N31,N45,N49/10; N4,N9,N25/11
37242	11	41,45,48,49/09;1,4,11,14, 27,49,50/10;9/11
37243	7	41/09;1,11,22,32/10
37244	11	33,34,41,43,44,45/09;1,2, 10,11,14,22,23,27,32,44, 47,50/10;1,6,9,10,13,26, 27/11
37246	15	33,38,39,41,44,45,48, 49/09;5,10,11,14,22,23, 27,31,32,41,45,50,52/10; 1,10/11
37248	19	33,34,37,39,45,49,51/09; 10,13,14,21,22,23,31,32, 44,46/10;9,10,13,25,26, 27/11
37258	4	18/10
37261	10	18,20/10
37262	20	18/10
37264	3	18,36/10
37265	3	18/10
37266	3	18/10
37281	15	18/10
37320	16	21,22,25,26,34,36,37, 52/10;18,24/11
37325	9	N10,N12,N14/10
37326	2	10,12/10
37328	2	10,14,21,22,26,37/10; 18/11
37330	2	5,7,8,9,18,25,26,30,34, 36,37/10
37344	11	10/10;10/11
37360	15	36/09;22,26,52/10;10/11
37362	6	48/09;11/10;17/11
37363	9	N22/10*
37367	1	11/10
37380	2	10,17/11
37400	10	33,44,45,46,49,51,52/09; 32/10
37401	9	44,45,47,49,51,52/09
37403	23	52/09;42,46/10;17/11
37420	1	51,52/09;46/10;17/11
37421	8	32,38/10
37423	5	32,38/10
37446	3	N28/10
37461	9	38/09;17,20,26,27/10
37463	7	N17/11
37464	2	N24/10;N17/11
37481	7	37/09
37506	4	20/11
38220	2	49/09
38460	7	49/09
38540	4	25/10
38545		N25/10
38580	8	39/10
38585	4	39/10
38603	2	43/09
38604	2	N31*,N32/10
38606	1	43/09
38607	2	43/09
38610	1	43/09;23/10
38641	5	N12/10*
38642	1	N18*,N32/10
38670	2	1,11,13/11
38682	3	26/10;1,11,19/11
38683	3	1,11,19/11
38690	2	32/10
42038	2	12/11
42040	3	12,13,20/11
42046	3	13,14/11
42050	2	12/11
42052	2	13/11
42301	3	51/10;7/11
42640	6	36/10
42740	5	36,41/10
42742	3	2,22/10;17,20/11
42760	5	49/09;1,2,22/10;7,17,20, 21/11
42762	4	N21/11*
42765	3	36/10;21/11
42767	1	N21/11*
42768	1	N15/11*
43000	4	12/11
43015	12	16/11
43030	24	43/09;15,32,39,47/10;5, 16,17,18,21/11
43040	6	36/10;6,21/11
43060	4	18/11
43064	2	14/11
43079	2	6/11
43081	4	6/11
43106	6	14,16/11
43107	1	16/11
43124	5	16/11
43126	4	6/11
43140	4	14/11
43141	5	6,13,15/11
43142	4	6/11
43143	4	4,15/11
43144	4	4,6,14/11
43145	4	4,14/11
43146	2	12,13/11
43148	4	20/11
43161	2	12/11
43180	5	5,12/11
43181	3	15/11
43182	4	5/11
43201	2	N5/11
43202	3	14/11
43224	3	5/11
43243	4	4,18/11
43245	4	5/11
43246	5	4/11
43252	1	15/11
43260	4	15/11
43262	5	4,12/11
43263	7	4/11
43264	2	12/11
43265	2	4/11
43280	5	10,14/11
43281	6	48/10;13,14,21/11
43283	6	4,14,21/11
43284	4	4,10,13,14,15,16/11
43285	5	10,13,15,18/11
43287	2	4,13,14,21/11
43300	5	4/11
43301	4	16,18/11
43302	4	45/10;10/11
43303	4	10,15,21/11
43304	2	4/11
43320	5	15/11
43321	6	45/10;4,10,16,21,27/11
43323	4	16,27/11
43324	4	4,10,15,16,17,27/11
43340	13	4/11
43341	7	16,21/11
43342	7	12,15,26,27/11
43345	4	44/10
43356	2	13,15,19/11
43360	21	2,15,39/10;4,21/11
43363	5	4/11
43364	6	N4/11
43365	5	17/11
43368	5	3,19/11
43369	6	3,4/11
43370	7	12,17/11
43371	13	4,12/11
43372	5	N27/10*
43373	8	17,25/10;4,15/11
43374	1	4/11
43375	7	15,17,25/10
43377	2	21/11
43379	1	4/11
43382	2	3/11
43384	1	15/10;13,14/11
43385	1	15,22,39,48/10;4,11/11
43386	2	15/11
44000	16	P48/09;1,5,11,12,14,32, P43,49,52/10;12/11
44001	2	49/10**
44015	9	49*,51/09;1,4,5,8,12,14, 17,18,24,30,34/10;3,12, 14,18,26/11
44030	8	43,P48/09;1,10,11,14,17, 28,52/10;14/11
44036	5	41,49/09;4,11/11
44037	5	49/09;22/10
44039	1	N27/10*
44040	25	18/11*
44041	7	22/10;1,4,13,23/11
44042	8	N37,N46,N51/10;N11, N13,N21,N23,N24/11
44043	8	1/11
44044	6	43/09;48/10
44045	6	24,36,39/10
44046	10	42/09;22,24/10;12,13/11
44047	22	24,32/10;23/11
44049	10	N24,N29/10;N1,N23/11
44050	22	N44/10*
44051	2	N44/10*
44052	2	N44/10*;N13/11
44053	1	32/10
44057	5	2,4,25,32/10;2,5/11
44058	4	8/11**
44059	1	N5/10*
44061	22	45/09*;2,24/10
44062	8	23/11
44063	8	2,32/10;2,5/11
44064	20	N9/11*
44065	8	N27/11*
44066	11	N9/11*
44067	23	42*,52/09;2,7,22/10;3, 10,13,14,15,16/11
44068	11	49/10**
44069	17	N11/11*
44070	7	11,26/10
44072	4	44/09
44073	2	32,43,47/10;6/11
44074	1	N23/11*
44075	4	52/09;15,43/10;10/11
44076	3	34,41,49/09;15,26,31,43, 47/10
44081	10	N15*,N25/11
44082	11	48/09;27,P43,49/10;3,14, 26/11
44083	8	7,8,20,24/10;1,4/11
44084	1	4,7,20,23,32/10;4/11
44085	2	37,48/09;3,26,27,28,31, 46/10;3,14,25/11
44100	8	12*,23,27,29,46/10;5,14, 23,25/11
44105	2	52/10;9/11
44120	8	19*,27,P43,45,46,49/10; 4,8,16,17,18,25,26/11
44122	1	N15/11*
44123	1	N7/11*
44140	9	19*,20,32,41,P43,45, 49/10;5,12,26/11
44160	8	9/11*
44161	2	12/10
44162	2	N9/11*
44163	2	N9/11*
44164	1	32/10;23/11
44165	1	24/10
44178	2	47/10
44179	2	40/10
44180	6	P48/09;1,7,24,29,32,34, 47/10;2,18/11
44182	5	N42/09*;N12,N29/10
44183	6	11,12,29,41,44/10;11/11
44184	10	N15/11*
44185	8	N42/09*;N11,N29/10
44186	2	17,29/10;11/11
44187	2	42/09;22,41/10
44192	1	8/11**
44193	1	8/11**
44200	9	P48/09;1,52/10;22,24/11
44203	1	P48/09;1/10
44205	2	35/09;32/10
44206	1	11,48/10;13/11
44220	6	16/11*
44221	1	1/11
44223	1	28/10
44224	1	22/10
44240	8	35/09;6,28,29,42/10
44243	2	34/10;17/11
44260	7	11,15,32/10;16/11
44280	9	43/09;10,15,29,32,52/10; 6,10/11
44281	2	22,51/10
44282	1	35/09;10,28/10
44283	2	51/10
44284	2	7,8/10;6/11
44285	1	25,47/10
44286	1	47/10
44310	5	6,10,17/10
44313	1	6,10/10
44319	3	27*,30,34,36,52/10;2,10, 13,14/11
44320	4	5,8,12,16,18,30,34,P43, 49/10;22/11
44321	6	6,13,P43,49/10
44340	12	36,37,41,43/09;5,6,14,16, 17,18,19,30,34,36,P43, 49,51,52/10;2,10,13,14, 15,21/11
44341	7	6,7,8,11,18,P43,49,52/10
44342	9	N9/11*
44352	3	N34,N36,N41/09;N16, N17,N18,N19,N30,N31, N36,NP43,N49/10;N4, N13/11
44353	1	N15/11*
44355	1	N17/11*
44360	10	37,41,48,52/09;5,6,14,17, 18,19,20,34,36/10;10,13, 15,17/11
44361	7	N32*,N46/10
44362	1	N30/10*;N17,N18/11
44365	1	30,33,36,44/10;11,18, 21/11
44366	1	30,32/10;11,18,26/11
44367	2	5,14,17,18/10;2/11
44400	4	33,34,37,39,41,43/09;16, 18,19,30,31,34,36,44, 45/10;4,10,25/11
44401	8	N18*,N37/10;N3/11
44410	5	11/11*
44420	7	44*,P45/10;3,5,17/11
44430	3	44*,P45,48,52/10;3,5,16, 21/11
44442	1	N39*,N51/09;N31, N37/10
44443	1	N39/09*;N45/10
44444	7	N44/09*
44445	1	N24/10
44446	1	N35/09*;N32,N52/10; N10,N21/11
44461	10	35,39,40,45/09;32,35, 45/10;4,16,18,26/11
44462	4	7,20,41,42,52/10;1,12/11
44463	9	35,40/09;4,8,20,31/10; 16/11
44465	2	35,40,45/09;4,41,45, 46/10;16/11
44481	2	35/09;8,P43,45,49/10;4, 12,26/11
51002	7	46/09;52/10
51007	22	41,46/09;51,52/10
51017	31	36/09
51022	11	36/09
51027	8	38/09;7/10
51032	10	38/09;14/10
51041	3	48/09
51061	14	41/09;2/11
51062	28	37,41/09;19/10;18/11
51064	2	37/09;33/10;18/11
51081	10	34,46/09;51/10;4,16/11
51082	7	37,48/09;16/11
51100	7	38/09;3,6,20,31,51/10;4, 16,26/11
51103	10	37/09;19,31/10;26/11
51104	1	20/10;26/11
51109	5	3,6,17,32/10;4/11
51120	6	37,41,46/09;3,6,32,51, 52/10;4/11

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 33/09 THROUGH NM 27/11

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.
51135	2	N3/10
51141	1	N15/11*
51142	2	41,48/09;14,31,32,47,49, 52/10
51143	5	N37/10*
51144	4	N39*,N51,N52/10
51145	2	41/09;31/10
51146	4	N15/11*
51150	1	41,48/09;17,32,P47,49, 52/10
51153	1	N48/09*;N51/10
51154	3	51/10
51155	1	6,31,47,49,52/10
51160	21	6,17,31,32,P47,49,52/10
51164	18	52/09;26,28/10
51165	9	N52/09
51166	4	N52/09
51167	7	N52/09
51168	2	26,28,31,35/10;19/11
51220	8	7/11
51222	6	7/11
51223	2	7/11
51260	4	36/09;4,23/10
51261	23	47,50/10
51300	4	16/11
51320	3	16/11
51341	23	36/09;15,18,23/10
51342	3	31,32/10
51343	3	36/09;20/11
51344	2	35/09;16/11
51346	1	N26/10*
51347	1	N26/10*
51380	5	36/09;16/11
51400	3	36/09;35/10
51420	5	17/10
51440	4	17/10
51460	4	10/10
51480	4	52/10
51500	7	44*,45/09
51520	4	37/09;7/10
51540	3	38,41,44/09;7/10
51559	4	12/11
51560	11	14,52/10
51561	11	52/10;12/11
51580	13	19/11
51605	1	N16/10*
51621	10	N10/10*
51622	1	N10/10*
51640	6	1,20/11
51641	5	N48/09*;N1/11
51642	4	N1,N20/11
52039	4	44/09;28/10;26/11
52040	18	44/09;18,26/10
52043	21	39,44/09;16/11
52045	6	16/11
52046	21	26,27/10
52047	11	26/10
52060	16	18,25/11
52061	2	18/11
52066	3	19/10;16,20/11
52082	3	20/11
52083	2	37/09
52084	2	26/10
52085	3	37/09;14/11
52117	1	50/10
52118	1	23,50/10
52119	1	50/10
52121	9	50/10
52140	6	4,5,22/10;23/11
52142	3	24/10
52143	8	4,26/10
52144	6	N3,N4,N5/10
52145	1	N3,N4,N5/10
52160	7	33/09;10,29/10;13,16,22, 24,26,27/11
52161	14	33/09;10/10;27/11
52164	2	15/11
52165	2	48/10;15/11
52167	1	N20/11*
52170	3	33,35,36/09;10,24,45, 48/10;22/11
52172	2	36/09;22,45,48/10
52180	14	36,40,46/09;1,8,15,27,31, 39,43,45,48/10;3,13, 23/11
52184	3	46/09;45,48/10;23/11
52186	3	46,47/09;1/10
52200	8	52/09;10,45/10;22/11
52202	7	52/09;11/10;22/11
52220	7	32,47/10
52221	7	32,47/10
52223	4	10,32,47/10
52240	9	9,20/11
52243	11	32/10
52262	6	32,47/10
52263	5	32,47/10
52281	4	25/11
53011	2	39,41/09;24,27,29,30,39, 43,45,52/10;3,10,19,20, 25/11
53031	1	35,47,49/09;8,15,41,43, 45,46,49/10;3/11
53058	2	23/11
53060	15	32/10*;23/11
53061	10	13,15/10;14,16,23/11
53062	13	13,15/10;23/11
53063	9	15/10;14,16,23/11
53064	6	14,23/11
53065	2	4/10;14/11
53066	2	14/11
53081	9	50/09;1,20/10
53082	14	50/09;1/10
53083	8	8/10
53084	6	32/10
53085	7	N14/11*
53086	8	22,30,32/10
53087	9	32/10
53088	8	51/09;1/10
53090	1	42/10
53093	3	32/10
53100	17	35,48,51/09;6,16,21,24, 39,41,42,47/10;3,21/11
53101	8	N10*,N21,N42/10
53103	1	N21/10;N21/11
53104	3	N50/09*;N1,N15,N21, N49/10
53105	21	N8,N40/10;N9/11
53106	7	37,51/09;16/10;9,10/11
53107	17	N33/09;N21,N42/10; N8/11
53108	3	33/10
53110	1	16,39,47/10
53120	14	33,40,41,47,49/09;2,3,24, 42,45,46,49/10;3,16, 19/11
53122	3	1,42/10
53123	3	1/10
53125	2	33/09;48/10
53130	1	45,46/10;26/11
53133	4	14,21/11
53135	2	33,47/09;2,45,49,52/10
53141	5	41,47/09;22,30,44/10; 10/11
53147	3	35/09;8,42/10
53149	3	N40/09;N42,N49/10
53160	14	41,47,49/09;2,24,27,30, 44/10;10,19/11
53161	8	38,42,47,48,49/09;2,6,21, 44,52/10;10/11
53162	7	42/09;30,44/10
53164	9	42/09
53166	1	38,42,47,48/09;22/10
53179	1	N39/09*
53180	10	35,38,49/09;2,8,13,15,24, 30,39,41,43,47,48,51, 52/10;10,19,20/11
53181	4	38,43,49/09;27,41/10; 10/11
53183	13	8,13,27,30,39/10;19/11
53184	5	8,28,40/10;8,25/11
53191	1	N17/10*
53200	7	39,46/09;6,13,18,24,27, 29,30,43,48,52/10;1,8,10, 19,25/11
53201	6	33,37,40/09;48/10;14,18, 25/11
53202	7	N9/11*
53203	11	6/10;1,19/11
53204	10	6/10;1/11
53205	3	6/10;1,19/11
53206	7	N45/09;N6/10;N1, N19/11
53207	1	N6/10;N1,N19/11
53212	3	33,46/09;18/11
53220	7	35,39,46/09;6,10,24,27, 29,43,45/10;1,10,19/11
53223	5	41/10
53226	3	35/09;29,51/10
53242	12	39,43/10
53244	2	43/10
53262	8	10,15,40/10
53263	1	37/09
53265	6	37/09;40/10;13/11
53266	4	14/10
53268	4	37/09;10,15/10
53269	5	37/09;13/11
53279	4	42/09;3,6,41/10;9,14, 19/11
53281	4	15,16,21,47/10;2/11
53282	9	N17*,N21/11
53283	5	N21*,N22/11
53285	4	42/09;3,6,48/10;9,19, 25/11
53287	6	42/09;3,6,38,45,48/10; 13,19,25/11
53290	1	14,15,52/10
53301	4	38,45/10
53303	6	50/10
53306	2	16/11
53311	3	16/11
54040	3	49/09;15,30,39,48,49/10; 10/11
54041	7	38,40,43/09;20/11
54043	2	33,38,41,43/09
54060	5	37,41,49/09;16,33/10;4, 14,26/11
54061	12	N33/10;N8/11
54062	2	26/11
54064	2	49/09
54081	4	N10/10*
54083	4	31,48/10
54085	2	39,40,47/09;41,47/10
54090	3	41,42,49/09;11,31,33,39, 45,47/10;3,26/11
54091	1	41/09*;33/10
54095	3	34,40,47/09;41,47,52/10; 2,26/11
54105	3	34,40,41,47/09;2,41, 51/10;1,2,8,9,19,26/11
54115	3	33,34,37,41/09;2,5,8,18, 29,33,38,41,46,49,51/10; 1,8,9,19,26/11
54120	5	33,37,38,41/09;2,8,18,41, 51/10;1,8,9,19,26/11
54125	4	34,35,40,41,43,47/09;2,5, 6,7,18,19,26,27,29,33,38, 40,42,46,47,49,52/10;1,8, 10/11
54131	2	37,39,40,41,49/09;2,16, 24,27,29,30,31,33,39,43, 47,49,51,52/10;3,4,6,10, 19,20,25,26/11
54140	8	33,35,40,41,47/09;2,8,18, 26,29,33,38,40,49/10; 1/11
54151	1	51/10;2,6,26/11
54161	13	N38*,N47/10;N8/11
54165	2	14/11
54166	3	8/11
54167	2	7/10;8/11
54168	1	33,35,38/09;14/11
54169	3	33,35,47/09;7,29,42, 47/10
54180	7	33,34,47,51/09;5,8,33,38, 46/10;1,5/11
54181	7	5/10
54195	3	33,51/09;3,13/11
54200	4	34,47,51/09;5,8/10;2, 5/11
54201	6	34,47/09;18/10
54220	5	34,41,44,47/09;8,22, 48/10;2/11
54222	4	34/09;44/10;13/11
54223	2	34/09
54224	3	46/10*;5/11
54225	2	34,41/09
54226	2	47/09;5,8,26,43/10
54227	3	N5,N8,N26,N43/10
54230	1	44/09*
54265	1	11/10*
54266	2	42/09;11/10
54279	4	11,33/10;6/11
54280	11	36,50/09;6,11,43,45/10; 2,6/11
54281	6	47/09;26/11
54282	1	33,35/10
54284	1	24/10;26/11
54285	1	36/09;24/10
54286	4	12/10;6/11
54287	7	36,48/09;11,33/10;6/11
54289	8	35,36,50/09;43/10;6/11
54300	12	33,44,46/09;6,43,45/10
54301	4	45/10;6/11
54302	1	33,44/09;6/10
54314	2	11,33,34,37,50/10;12/11
54318	3	36,44/09;6/10
54320	4	36,44/09;6,24,35,36,45, 51/10;6,17/11
54321	3	N36/09;N24,N45/10
54322	8	44/09;6,37,43/10;2/11
54324	9	4,14,24,34/10
54327	4	33/09;51/10;13/11
54329	4	44/09;19,24/10;13/11
54330	2	19,35/10;17/11
54332	3	37/10
54333	3	19,34,47/10;2/11
54334	3	24,35,37,51/10;17/11
54335	3	44,50/09;35,51/10;2, 13/11
54337	4	N47/09;N26/11
54338	2	47/09
54339	9	N47,N50/09;N19,N50/10
54340	8	37,41,44,50/09;18,24,35, 50/10;26/11
54341	4	44/09;18,34,45/10
54343	10	41,47,50/09;18,45,50/10; 26/11
54344	6	41,44,47,50/09;18,24,34, 35,45,50/10;2,26/11
54346	9	47,50/09;4,18,43/10
54347	4	4,33/10
54349	4	37/09;18/10
54350	4	45/10
54351	7	48,50/09;18,35/10
54352	3	48/09;11/10
54359	2	33,36/09;6/11
54360	12	33,36,48/09;1,2,18,19,20, 24,26,35,38,45,48/10;1,2, 6,7,9,18/11
54361	10	33,36/09
54363	3	1,2,19,48/10;1,2,7,18, 22/11
54365	6	50/09;48/10
54368	4	1/11
54369	4	48/09;1,2,13,19,20,26,38, 44/10;1,7,9,18/11
54372	2	51/10
54380	6	35,48/09;1,2,6,11,14,25, 26,35,38,42,44,45,49, 51/10;1,6,7,22,25/11
54382	9	41,47/09;1,6,20,23,29,33, 36,37,44,47,49/10;7, 26/11
54386	10	35,50/09;4,11,19,22,25, 26,33,36,42,46,52/10;1,7, 25/11
54387	7	36/09;1,13,29,36,38,39, 42,49/10;1,18,22,26/11
54389	8	50/09;8,14,23,26,35,39, 42,47,51,52/10;1,7,25/11
54400	8	36,48/09;4,12,22,24,26, 40,41,42,47,50,51/10;1, 11,19,25,26/11
54402	4	50/10;13/11
54403	4	7,8,15,23,24,25,26,40,42, 50,52/10;5,7/11
54404	4	42,50/10
54406	2	18,43,50/10;2/11
54407	4	4,6,8,11,12,18,22,25,26, 40,41,49,50/10;1,11/11
54408	4	8,18,34/10;11/11
54409	2	10/10;9/11
54413	3	4,6,11/10
54416	5	24,35,40,51/10;2,19/11
54418	4	4,6,8,38,41,50,52/10; 11/11
54419	2	47/09;38/10

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 33/09 THROUGH NM 27/11

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.
54421	6	33/09;13,22,26,36,45,48,51/10;11,20/11
54422	4	33/09;45/10
54423	5	25,35,42/10;1,4/11
54424	1	26,44/10;11,18,20/11
54430	1	13,15,22,26,39,40,42,48/10;1,4,22/11
54440	4	10,35,48/10;6/11
54441	6	10,24,25,27,42,48/10;7,20,25,26/11
54462	5	22,41/10
54463	5	6,24,52/10;6/11
54464	5	22,49/10
54480	8	24,26,27,39,46,48/10;3,18,23/11
54481	9	7,12,13,14,22,26,38,39,46,48/10;3,4,11,14,18/11
55001	4	8,12,13,24,44/10
55040	4	33,34,37,38,39,40,42,49/09;1,20,23,37,42,46,48/10;2,7,8,9,11,18,22/11
55041	7	33,34,35/09;13,20,36,39,44,52/10;16/11
55042	1	38,39,42/09;5,12,13,48/10;4,7,8/11
55043	2	38,43/09;5,15,16,22,27,52/10;3,5,8,18,21,26/11
55044	5	34,37,38/09;13,20,52/10;3,11,12,22/11
55045	2	37,38,42/09;5,12/10;3,5,8,9,21,25/11
55046	4	39,40,42,43,48,49/09;1,5,6,11,12,13,14,16,23,36,37,39,42,44,45,46,48/10;7,10,11,18/11
55047	8	40,42,43/09;5,7,8,9,10,12,13,22,36,46,52/10;5,11,18/11
55048	12	43/09;5,7,8,9,10,16,20,37,45/10;11,18/11
55049	6	48,49,52/09;1,5,11,12,13,16,20,27,35,42,48/10;2,7,16,19,25,26/11
55060	8	N3/11
55064	3	8,9,10,12,20,25,26,36,38,46,48/10;11/11
55082	9	37/09;6,31/10;15,16/11
55084	7	31,33,47/10
55085	9	37,43/09;6/10;15,17/11
55100	8	46,48,49/09;8,13,23,32,34,44/10;3/11
55101	5	48,49,52/09;2,14,27,33,36,40/10;15,22,26/11
55102	4	51/09;27,33,40,41/10;15,17/11
55103	3	N47/09;N18,N47/10;N15/11
55104	2	24,27,30,32,35,P43,49/10;15/11
55105	7	45,46,47,48/09;12,24,26,32,40,44/10
55110	2	8,13,23,39,44,46,48/10;2,3,5/11
55120	2	34,50/10;3,5/11
55127	2	37,49/09;10,14,30,31/10;17/11
55128	3	N43/09;N6,N7,N22,N41/10;N15,N16,N17,N18/11
55129	7	43/09;6,7,22,31,32,36,41/10;15,16,21/11
55130	2	43,46,48,49/09;5,6,10,30/10;15,17,21/11
55131	1	49/09;16/10;15,19/11
55133	4	N18*,N24/10
55139	6	28/10*
55140	2	36,46,47/09;10,30,32,37,P43,49/10;17,21/11
55150	2	8,22,25,27,42,44,49/10;3,9,11,19/11
55160	2	6,12,13,25,35,39,40,47,49/10;4,9,11/11
55161	2	N22/11*
55170	2	37,48/09;6,22,26,32,36,40/10;15/11
55175	1	25,49/10;8/11
55180	2	43,45,47/09;7,18,24,37/10;21/11
55190	2	10,18,30,32,37,47/10;16,17,25/11
55200	2	43,45/09;22,27,47,48/10;16,17/11
55205	1	37,43,44,47/09;1,5,7,10,14,22,27,36,44/10;16,17,21,22,25/11
56011	1	46/09;24,27,29,43,45/10;10/11
56031	1	24,25,51/10;8,9,26/11
56041	4	23/11
56042	6	23/11
56044	3	7/10;7/11
56045	1	16/10
56048	2	23/11
56060	9	7,24,29,40/10;7,8/11
56063	1	4,29,40/10;12/11
56064	6	7,24,29,40/10;4,12/11
56065	3	24,29,40/10
56067	3	24,29,40/10;10/11
56082	17	N19/10
56100	14	25/10;8,9/11
56101	7	8,23/11
56102	24	8,23/11
56103	7	51/09;8,23/11
56104	3	5,25/10;8,9/11
56120	13	8/11
56161	3	N21/11*
56182	2	12/11
56220	4	29/10
56221	8	12/11
56222	7	N9/11*
57000	10	18/11
57006	5	38/09
57014	11	26/11
57029	9	36/10
57035	10	34/09;16/10
57040	9	18/11
57061	6	37/10*
57064	4	N5/10*
57080	8	10/10;18/11
57100	10	38/09
57101	18	38/09;7/11
57102	2	20,23/11
57120	13	38/09;22/11
57123	1	N22/11*
57142	6	32/10
57161	5	N10/10*
57163	4	N32/10*
57164	3	N32/10*
57169	1	5/10*
57201	6	N10/11*
57245	2	38/09*
57260	3	26/11
57262	4	3/11
57380	4	22/11*
57381	13	N16/10*
57400	5	22/11*
57408	3	N22/10*
57420	4	22/11*
57440	4	22/11*
57460	5	10/11*
57472	3	N10/11*
57480	9	10/11*
57482	13	N5/10*;N10/11
57483	12	N5*,N13,N22/10
57484	20	N16/10*;N4,N5/11
57488	7	N10/10*;N5/11
61000	20	5,10,19/11
61040	7	11/11*
61050	5	34/09;10,19/11
61051	9	N19/10*;N10/11
61060	6	14,19/11
61061	10	23/10;19/11
61070	5	19/11
61071	10	N49/10
61080	4	10/11
61090	6	22,23/10
61091	7	N9*,N10/11
61092	14	N34/09;N23,N47/10;N14/11
61100	4	22/10
61112	11	N32/10*
61210	6	48/09
61300	2	6/10
61331	5	N9/11*
61530	2	4/11
61538	1	4/11
61540	2	32,35/10;4/11
61541	8	45/09
61542	7	45/09
61562	3	N9/11*
61581	5	4,23/11
61582	4	4,23/11
61591	4	39/10
61592	5	N32*,N39/10
61611	12	9/11
62000	20	23,32,33/10
62001	5	38/09;27,49/10
62024	13	10,31/10
62028	15	38/09;31/10
62032	16	36,51/09;22/10
62033	3	N36,N51/09;N22/10
62090	7	23/10
62092	7	51/09;27/10
62093	8	27,32/10
62095	4	27,32/10
62142	10	5/10
62143	3	36/09;5,49/10
62144	3	36/09;49/10
62170	2	33/09
62171	4	33/09
62191	15	8/11
62195	7	49/10;8/11
62225	4	N38/09*
62230	3	38/09;27/10
62241	10	51/09
62250	5	33/09;5,27/10
62270	5	5,24,49/10
62271	5	49/09;24/10
62276	3	49/09
62285	3	16/11
62290	4	49/09;24/10
62292	3	16/11
62295	4	16/11
62302	3	27/10
62310	2	31/10
62313	4	51/09;24,31,49/10
62314	3	31/10
62340	3	31/10
62343	4	31/10
62350	3	22,31/10
62353	4	31/10
62355	7	31/10
62360	5	51/09;31/10;12/11
62361	2	N51/09;N31/10;N12/11
62362	1	31/10
62364	1	51/09;31/10
62366	4	39,49/10;12/11
62392	7	5,22,31/10;9/11
62393	7	36,51/09;5/10
62394	10	36/09;5/10
62396	5	31/10
62400	17	11,19,30,48/10;12,13/11
62401	9	10,16,19/10
62402	10	16,32/10
62403	5	12/11
62407	5	19,30/10
62408	7	11,19,30/10
62411	1	48/09;28/10
62412	13	5,7,18,30,52/10
62413	13	5,18,30,52/10
62414	2	19/10
62416	14	36/09
62417	3	N46/10*
62419	6	27/10
62420	5	5,27/10
62431	8	5/10
62432	18	2,5/10
62433	13	5/10
62437	12	51/09
62440	8	10,11,16,19,30/10
62444	2	12/11
62453	6	N18,N30/10;N10/11
62455	7	27/10
62457	6	32/10
62459	2	10,16,24,27/10
62460	4	5,11/10;9/11
62462	2	12/11
62463	2	12/11
62464	4	N10/10*
62480	2	36,51/09;11,22,28,50/10
62490	2	11,28,50/10
62498	5	N28/10*;N13/11
62499	6	N10/10*
62510	3	36/09;5,11,22/10;12,13/11
62512	3	N36/09;N5,N11,N22/10;N12,N13/11
62520	6	51/09;5,10,11,16,19,28,50/10
62521	4	N51/09;N5,N10,N11,N16,N19,N28,N50/10
62530	6	51/09;5,7,10,11,27,28,31,50/10;12/11
62531	4	N51/09;N5,N7,N10,N11,N27,N28,N31,N50/10;N12/11
62540	6	40/09;2,5,11,27/10
62541	3	N40/09;N2,N5,N11,N27/10
62550	3	51/09;5,7,10,28,50/10
62552	1	32/10
62560	4	5,11,27,31/10
62570	4	2,5/10
62572	3	2/10
62580	3	2/10
63000	13	35,48/09;2,8,11,31,34,38,51/10;1,2,5,6,12,19/11
63005	18	35,48,49/09;1,21,44,45/10;2,5,10,12,22,24,27/11
63010	14	3,21/10;2,8,10,22/11
63015	11	48/09;5,34,47/10;2,6,14,17/11
63020	15	10,16,22/11
63050	2	2/10;15/11
63060	7	35/09;2/10;4,6,12,19/11
63062	8	35,47,49,52/09;3,7,15,31,37,44,45,46,51/10;1,2,4,5,10,14,17,19,22,26/11
63063	9	35,49,52/09;7,14/10;3,22,24/11
63065	6	37,45/10
63070	4	35,49/09;7,29,31,44,46,51/10;1,2,4,5,12,15,19/11
63080	6	35,48/09;3,5,14,31,34,46/10;1,2,4,7,16/11
63090	9	52/09;11,31,38,45/10;12,16/11
63091	4	35,48/09;3,4,5,8,30,34,46,51/10;2,4,16,22,26/11
63092	4	4,8,34/10
63100	2	35/09;11,46,51/10;4,11,16,27/11
63101	17	N48,N52/09;N11,N15,N42,N45,N46/10
63102	21	N35,N52/09;N1,N11,N15,N42,N46/10;N7,N8/11
63103	19	N35/09;N1,N8,N46/10;N7,N8,N15/11
63110	4	35,49,50/09;1,11,13,21/10;2,7,10,16/11
63111	10	50/09;13,21,34,45,51/10;3,5/11
63112	1	N38/10;N5,N26/11
63113	1	N15,N38/10;N5,N26/11
63120	2	35,48/09;1,11,20,29,44/10;1,26/11
63121	6	35,48/09;1,3,11,19,20,29,44/10;1,5,26/11
63150	1	50/09;20/10;1,5,7,12,20,22/11
63170	3	1,15,26/11
63200	5	37/09;3,8,44,45/10;1,10,12,14,24/11
63201	11	N41*,N52/09;N3,N8,N44/10;N17,N26/11
63205	2	52/09;3,8,44,47,51/10;10,12,24/11
63210	4	10*,12,23,26/11
63220	5	14/10;11,22/11
63230	6	47/09
63231	9	N47/09
63250	6	35,48/09;14,44,46,51/10;2,3,6,8/11

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 33/09 THROUGH NM 27/11

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.
63252	2	N48/09;N45,N46/10;N3, N8,N11/11
63260	6	35/09;14,15,18,34,44, 47/10;2/11
63268	2	14/10
63270	7	48,52/09;5,31/10;1,14/11
63271	9	N48,N51/09;N3,N31/10; N1,N11,N14/11
63280	3	5/10;1,6,20/11
63290	7	52/09;34,47/10;1,2,9,10, 17,22,26/11
63291	9	3,12,44,47/10;5,7,9,11, 25/11
63310	5	50/09;9,16,22,23,26/11
63320	8	50/09;4,13/10;3,8,10,12, 14/11
63321	6	13,51/10;5,9,14/11
63322	2	51/10;2,5/11
63324	2	50/09;1,4/10;8,11,23/11
63337	16	1/11
63380	2	51/10;3,12,14,16,20, 23/11
63383	5	45/10;3,14/11
63390	2	2,16,23/11
63400	1	46/09;11/10;20/11
63410	6	45/10;20/11
63417	3	N20/11
63420	2	45/10
63430	3	48/09
63440	4	48/09;11,32,41/10
71005	1	43/09;3,14/10;16/11
71006	5	1/11
71015	5	28,34/10
71018	10	4,28,34/10;15/11
71027	9	37/09;24,27,28,39,41/10; 4,5,24,26/11
71033	31	7,28/10;16/11
71036	8	32,34/10;3/11
71040	5	38/09;11,32,33,41/10
71042	2	N13,N41/10
71043	3	13,41/10
71044	2	33,41/10;21/11
71045	2	35/10
71050	2	46,48/09;35/10;1,16/11
71058	3	N17/11
71059	2	N17/11
71061	16	N17,N21/11
71066	2	45/09;22,24,39/10;12/11
71091	5	N22/10*
71180	29	28,34/10;3/11
71182	2	34/10
71185	24	6/10;3,15/11
71186	2	6/10;15/11
71210	18	13/11
71230	11	6,52/10;21/11
71241	11	N3,N24,N29,N52/10; N3/11
71243	6	26,49,52/10
71247	19	43,44/09;12,23,24,26,27, 29,46,52/10;3,6,8/11
71248	3	N12,N22,N29,N46/10; N6,N8/11
71249	2	23/10
71250	1	N36,N43,N44/09
71251	13	N36,N43,N44/09;N22, N23,N46/10;N24/11
71252	2	N36,N43/09;N3,N7,N12, N24,N29,N46/10;N3,N6, N8,N10,N15,N26/11
71253	11	36,43/09;3,12,23,26,27, 28,32,45,46,52/10;1,3,8, 15,22/11
71254	2	N36/09;N24,N29/10; N15,N26/11
71255	7	N41*,N44/09;N12,N23, N27,N29,N46/10;N1, N3/11
71256	2	N35/09;N22,N23,N26, N46/10;N6,N8,N10/11
71261	9	40/09;16/11
71262	7	39,52/10;1/11
71265	4	36,43/09;3,7,23,24,26,28, 29,46,49,52/10;3,6,10,15, 21,26/11
71271	11	40/09;4,14,28/10;21/11
71272	11	36,40/09;32,41/10;15, 17/11
71273	4	N9*,N14,N21/11
71275	4	36,43/09;3,4,7,12,14,24, 29,52/10;3,16/11
71285	4	4,12,14,28,52/10;1,21/11
71295	3	17/10*
71305	2	45/09;11,41/10
71312	5	23/11
71313	8	23/11
71314	5	23/11
71315	2	45/09;11,31,33,41/10; 21/11
71320	1	22,28,41,48/10;23,24/11
71325	8	24,32/10;16/11
71330	13	28,41,48/10
71331	11	6,32/10;14/11
71340	11	32/10;4,21,27/11
71343	4	N17*,N21/11
71348	3	5,12/11
71349	2	5,12/11
71350	8	32/10;1,24/11
71400	5	34/10;3/11
71401	1	1/11
71402	1	1,4,21/11
71410	1	32,34/10;3/11
71420	1	32/10
71430	3	52/10;16,21/11
71440	2	36,43/09;23,24,52/10;6, 10/11
71460	1	14/10;1,24/11
71465	1	1/11
72000	8	34/10;2,13/11
72007	10	32/10;1,2/11
72014	10	28,32/10;21/11
72021	8	28/10;2,13,16/11
72028	7	4/10;7/11
72035	8	2,13,21/11
72045	2	2,13,21/11
72050	4	1/11
72070	4	47/09;1/11
72075	2	47/09;1/11
72080	7	1/11
72085	3	1,6/11
72094	2	32,34/10
72100	7	32,34/10;21/11
72101	6	1/11
72103	2	32,34/10
72105	2	32/10;21/11
72107	2	32,34/10;21/11
72109	3	35/10
72110	9	28/10;1/11
72120	3	1/11
72142	6	21/11
72173	2	28/10;1/11
72190	2	6/11
72203	2	2/11
72223	8	13,21/11
72231	9	N44/10*
72234	3	N42/10*
73000	9	7/10;4,8,10,16,21,26/11
73002	4	1,6,16,21/11
73004	4	10/11
73006	2	7/10;8,10/11
73008	8	1,8,11,16,21/11
73014	10	6,13,21,26/11
73016	4	4,21,26/11
73018	3	3,4,8/11
73020	9	10/11
73022	4	4/10
73024	3	10/11
73130	8	10/11
73191	3	10/11
73271	7	8/11
73291		4/10
73393	1	N41/10*;N21/11
73396	1	N41/10*
73441	3	N43/09*;N13/11
73470	4	49/10
73471	1	49/10
73481	2	4/10
74000	6	41/09;38/10;1/11
74002	2	33/09
74003	5	49,52/10;22/11
74004	2	50/10
74005	2	50/10
74020	4	33/10
74021	7	50/09;38,52/10;18/11
74027	9	33/10
74030	6	19/11
74031	1	N51/10
74033	1	N50/09;N52/10;N18/11
74143	1	N30/10
74150	2	N44/10*
74154	1	N48/09;N29,N43,N50/10
74155	1	N48/09
74163	1	N12/11
74164	1	N29,N38/10;N12/11
74171	4	41/09;1/11
74172	5	12/11
74180	1	N26,N27,N29,N52/10
74181	8	49,50,52/10;12,15/11
74182	12	49,50/10
74184	10	49,50,52/10;22/11
74189	1	N47/10
74190	7	49,52/10;22/11
74205	2	45/10**
74208	1	N43/09
74209	1	N43/09;N16/11
74212	2	N41/10
74220	8	33,36/10
74226	2	N33/10
74227	1	N38/10
74228	3	N39/10*
74230	7	48/10
74237	3	N45/10*
74240	8	48/10;12/11
74243	1	N45/10*
74244	1	N45/10*;N16/11
74246	1	N33/10
74247	1	N33/10
74248	1	N45/10*
74249	1	N41/10*
74252	9	41/10**
74258	1	N41/10*
74262	1	N33,N50/10
74265	2	33,36,43,50/10
74267	1	N36/10
74270	3	35,36/10
74275	2	N36,N38/10
74281	7	46/10
74292	8	29,48,49/10
74295	3	29,48,49/10
74296	4	48/10
74300	1	N29,N49/10
74302	1	N30,N35/10
74311	2	N29,N33,N46,N49/10
74313	1	N50/10
74342	1	N41/09;N12/10
74345	1	N46/10*
74347	1	N46*,N50/10
74376	5	36/10**
74380	4	48/10
74383	3	N44/10*
74389	1	N52/10
74397	1	N42,N43,N46,N50, N51/09;N12,N30,N35/10
74398	2	N12,N30/10
74410	3	43/09;48/10
74420	3	49/10
74440	3	49/10;7/11
74451	2	N30/10;N7/11
74464	1	N41/10*
74470	2	49/10**
74493	3	33/10
74510	2	50/09;49/10;18/11
74515	4	50/09;38,46,52/10
74517	3	36/10**
74518	1	N47/10*
74520	2	38,48/10
74550	4	33/10
74560	10	46/10
74580	1	N21/11
74583	15	33/10
74588	1	N44/09;N15,N21/11
74590	2	45/09
74593	1	N45/09;N33/10
75025	9	4,52/10;20/11
75051	6	46,50/10
75052	2	50/10
75111	1	N25/10
75114	1	N33/10
75130	16	45/09;43,47,51,52/10
75134	3	45/09;43,47,52/10
75137	2	N39,N45/09;N43/10
75147	1	N38/10
75164	3	N44/10*
75165	2	N33,N51/10;N1/11
75166	1	N52/09;N33/10
75170	12	17/10**
75174	2	N33/10
75176	9	12/11
75177	7	38/09
75178	2	N49/09
75185	2	4,52/10
75191	6	52/10
75209	1	N49/10
75211	1	N49/10;N20/11
75220	12	52/10;20/11
75240	4	22/10
75252	1	N52/09;N33,N52/10; N20/11
75266	1	N29,N43/10;N16/11
75267	1	N25,N29,N30,N48/10
75269	1	N25,N30/10
75274	1	N43/10;N12,N16/11
76015	1	48/09;4/10
76020	7	4/10
76030	9	48/09;4,7,24/10
76041	2	4/11
76050	8	48/09;14,52/10;4/11
76052	8	48/09;22,24/10;13/11
76056	3	48/09;5,26/10;26/11
76060	7	32,41/10
76061	3	32,51/10;8/11
76070	9	31,38/10;26/11
76071	9	47/10;24,26/11
76080	8	38/10;24/11
76081	7	42/09;24/10
76083	3	35,39/10;4/11
76090	6	49/09;37,39/10
76110	5	7,43/10
76120	6	27/11
76140	7	51/10
76141	8	34/09
76146	1	51/10
76147	1	51/10;24/11
76160	4	41/10
76161	10	49/09;41/10
76162	1	22/10
76170	7	24/10;12/11
76180	1	7/10
81001	1	46/09;11,13,19/11
81002	6	47/09;19/10;1/11
81004	5	37,38,47/09;18/10;5/11
81012	3	46/09
81023	5	1/11
81025	3	N37,N38,N47/09;N10, N18/10;N1,N5/11
81048	10	36,52/09;1,7/11
81059	1	N47/09;N18/10;N1, N7/11
81060	2	47/09;18/10;1,7/11
81076	12	30,36,49/10
81711	7	32*,37/10
81715	5	37/10*
81782	3	27/11*
82005	5	34/10
82010	6	3,10/11
82015	13	3/11
82020	7	3/11
82030	8	4,7/10
82095	2	34/10
82356	5	3,5/11
82683	4	18/11
82689	3	16,18/11
83005	33	40/09
83015	8	50/10
83020	8	10/11
83021	1	52/09;50/10
83022	1	48/10
83023	4	48/09;7/10
83024	2	48/09;48/10
83025	1	48/09;47/10
83026	32	35/09
83032	1	4,7/10
83034	1	4,7/10
83039	11	35/09;4,7/10
83052	3	4/11
83059	3	22/10*
83251	2	47/10
83253	2	47/10
83382	10	N19/10*

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 33/09 THROUGH NM 27/11

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.
83385	19	48,52/10;12/11
83393	2	N48/10
83476	26	47/10
83484	12	24/10*
83500	1	4,7/10
83560	3	4/10
83570	2	7/10;4/11
83572	2	N42/10*
83574	3	N49/10*;N4/11
83580	2	4/10
83590	1	4/10
91005	6	38/09;13,32,38,40/10;1, 7,8,9,11,12,13,15,16,17, 22,27/11
91008	1	33,48/09;31,32,33,40,46, 51/10;1,2,3,4,5,11/11
91010	6	33,48/09;31,32,33,40,46, 51/10;1,3,4,5,11,12/11
91020	5	47,51/09;32,44,46,47/10; 2,4,10,13,15,17,23/11
91025	8	51,52/10;6,12,13/11
91030	3	47/09;44,46,47/10;6,10, 11,13,23/11
91040	1	47/10;11/11
91060	1	11/11
91080	4	5/11
91096	1	13,15/11
91120	3	33/09
91140	4	33/09;10/10;2,4/11
91151	3	10/10
91160	3	32/10
91170	2	10/10
91175	3	33/09;2,4,23/11
91220	3	47/10
91240	5	47/10;6,10,12/11
91280	7	51,52/10;5,6,17,18,22/11
91294	8	4,8,9,16,17,24,27/11
91297	9	4,6,8,9,26,27/11
91300	3	7,10,18/11
91309	4	10/11
91314	3	13/11
91320	4	14/11
91330	1	10/10;6,7,14,23/11
91331	3	47/09;44,45,46/10;3,7, 14,18/11
91340	3	47,51/09;44,45,46/10;6, 11,15,23,24/11
91360	2	47/09;11,13/11
91380	2	47/10;20,26/11
92006	5	4,11,14,23,24/11
92010	3	14/11
92020	2	10/10;2,11,12,13,14,16, 24/11
92025	3	45/10;1,3,4,7,8,14,26, 27/11
92030	4	44,45,46,47/10;1,4,7,8, 11,15,16,17,24/11
92033	5	10,13,32,38/10;11,13,14, 24/11
92040	2	2/11
92060	3	26,27/11
92061	3	6,10,27/11
92070	3	27/11
92080	3	5/11
92090	2	1,3,10/11
92100	3	1,10/11
92110	3	3,7,8,26/11
92115	1	3,8,26/11
92140	1	19,22/11
92150	3	2,16,24/11
92153	3	2,24/11
92160	3	7/11
92170	3	2,7/11
92180	2	6,13/11
92190	2	24/11
92200	3	12,14/11
92210	3	16/10;2,12/11
92214	4	12/11
92220	2	16/10
92240	3	19,24/11
92290	2	46/10;1,3,4,14,17,18/11
92293	2	46/10;14/11
92310	4	5,7,8,17,26/11
92320	4	44,45/10;9,17,18,22, 26/11
92330	3	13,18/11
92350	4	9,15,16/11
92356	2	9/11
92360	3	2,8/11
92370	2	1,15,18/11
92380	3	44,45/10;4,18,22,26/11
92383	7	45/10;10,22,26/11
92385	4	44,45/10;10,11,22,26/11
92390	3	16,24/11
92400	3	18/11
92410	4	4,7,9,10,15,16,17/11
92420	4	2,7,9,17,18/11
92430	1	9/11*
92440	5	12*,24/11
92450	4	12/11*
92460	2	32/10*
92470	3	44,46,47/10;7,8/11
92476	2	10/11
92480	2	10/10;6/11
92500	1	10/10;13/11
92550	1	14,23/11
92560	4	35/09;23/11
93006	3	49/09;19,31,33,39,46, 51/10;1,4,5,8,14,22,26, 27/11
93010	6	35,37/09;13,27,33,39,41, 49/10;10,21/11
93018	8	35,37/09;13,27,33,39,41, 49/10;10,17,21/11
93020	2	24/10
93025	5	37/10;10/11
93030	7	38/10*;14,18/11
93032	4	9/11
93036	11	39,40/10;4,9,14/11
93044	2	37/10
93045	2	13,38/10
93046	1	14/11
93047	2	37/10;18/11
93048	1	22,48/10
93049	1	24,38/10
93050	1	N37/09
93110	2	21/11
93115	3	N21/11
93160	4	39/10;10,17,21/11
93180	8	N35,N37/09;N27,N32, N33,N41/10;N10,N21/11
93200	4	35,37/09;11,31,33,41/10
93220	6	35,37/09;32,34,41/10
93224	3	34/10
93240	11	35,37/09;12,33,34/10
93241	9	51,52/09;33,34,41/10
93242	7	33,41/10
93243	6	4/11
93244	8	37/09;33,34/10
93245	6	35,51/09;11,12,31,32,33, 34/10
93247	5	12,31,34/10
93248	1	35/09;11,32,34/10
93249	1	37/09;33,34/10
93260	8	35/09;12,27,32,34,49/10; 2,16,21/11
93261	5	35/09;27,34/10;21/11
93280	5	32,34/10;8,10/11
93283	4	N8/11
93284	4	N8/11
93300	6	10/11
93301	6	8/11
93340	4	4/11
93404	6	31,35/10
93520	13	34/10
93610	3	8,12,14/10;4,5,12,13, 16/11
93629	7	14/11
93650	2	12/10;4,9,11,12,13,14,16, 21/11
93652	2	9,11,14,15,21,26/11
93680	3	8/10;12/11
93688	3	N8,N12/10
93690	3	12/10;4,13,16/11
93710	3	14,38/10;10,12,16/11
93720	11	49/09;4,15,26/11
93721	6	N36,N49/09;N4,N7,N27, N29,N32,N37,N39,N41, N44/10;N14,N15,N16, N17,N22,N26,N27/11
93725	6	16/11
93728	2	5/10
93730	4	49/09;4,19,22,37/10;8, 14,26/11
93733	14	N40,N49/09;N4,N13, N19,N29,N32,N44/10; N3,N8,N10,N14,N27/11
93734	13	N4,N9,N19,N29,N44/10; N3,N8,N27/11
93736	25	N40,N49/09;N9,N13, N15,N29,N44,N45, N49/10;N5,N11,N19/11
93778	8	8/10;8,9,10,14/11
94004	6	34,48/09;30,31,33,38,46, 51/10;1,3,5,22/11
94016	3	12*,30,33,38,51/10
94028	8	48/09*;5,20,37,38,41/10
94033	5	38/09;8,19,35,38/10;5, 15,18/11
94040	14	8,24,31,33,39,46,51/10;4, 5,12,22/11
94042	9	24/10;22/11
94060	12	48/09;6,13,33,38,51/10; 4,5,12/11
94061	6	12,13,38/10;5/11
94063	5	6,10/10;22,26/11
94067	11	33/10
94080	8	12*,31,46,51/10;1,3/11
94082	9	31/10;1,3/11
94083	12	22/11
94084	1	45/10;5,22/11
94120	7	34/09;19,29,30/10;21, 22/11
94122	8	N39/09*;N29,N32/10; N14/11
94123	9	34/09;16,19,30,34/10; 21/11
94124	15	N30/10;N8,N22/11
94127	2	34/10;21,22/11
94160	9	34/09;13,19,30,36,38/10; 5,11,13,26/11
94164	2	13,16,18,26/11
94165	4	14/10
94180	10	9*,12,13,26/11
94187	3	14/10;15/11
94188	2	5,39/10;5,9,12,13,26/11
94201	1	26/11
94203	10	8,9,11,12,13,15,16/11
94206	3	11,15,16/11
94207	5	N11,N12,N15/11
94216	8	N12,N37,N39/10;N4,N6, N7,N9,N11/11
94217	6	N39/10;N2,N4,N6/11
94218	5	N7/11
94219	2	N7,N9/11
94220	5	18/11*
94260	6	44/10*;4,16/11
94280	6	N44/10*
94281	7	N10,N22/11
94282	9	38,39/10;16/11
94283	8	N38/10
94287	2	39/10
94290	3	18/11*
94322	14	38/09;2,11/11
94360	6	35,38/10;2,5,15,16,22/11
94361	13	37/10;10,11/11
94363	4	35,38/10;5,15,22/11
94380	4	N5,N35/10;N5,N9/11
94384	4	5/10
94420	3	35,36,38,39/10;2,5,10, 22/11
94421	11	14,22/11
94423	13	N10*,N14,N23/11
94427	2	N6,N7/11
94440	3	38/09
95016	9	22*,23,24/11
95040	9	8/10;18/11
95060	14	42/09;6,8,9,10,19,51/10; 18/11
95065	7	N19/10*
95066	13	N38*,N41,N51,N52/10; N5,N19/11
95067	16	N18/11*
95068	2	N44/09;N28,N31,N51, N52/10;N1,N5,N16, N19/11
95080	14	34,39,40,42/09;6,12,18, 22,37,45/10;19/11
95082	10	N34,N39,N41/09;N23/10
95083	8	43,50/09;5,11/10
95084	7	43,48/09;8,22,27,32,45, 50/10
95085	4	8,11,27,32,45,50/10
95086	5	4,8,11,50/10
95100	13	8,12,18,19,37,45,52/10; 19/11
95101	8	48/09;7,9,16,37,52/10
95102	8	4,6,7,8,10,12,13,19,37, 48,51/10;4,19/11
95103	8	42,49/09;3,5,6,7,9,10,11, 12,13,17,18,35,36,45/10; 4/11
95120	9	49/09;3,7,17,18,45/10
95140	15	37/09;1,12,14,16,17,18, 22,35/10;4,5/11
95141	8	47,50/09;6,11,12,14,19, 32,45,48/10
95142	9	42,43/09;1,3,6,20,22, 34/10
95143	12	N1,N7,N32/10
95144	10	37/09;1,5,6,7,16,17,19, 21,26/10
95146	16	48/09;6,7,16,17,18,19,21, 24,26,28,31,32,35,42/10; 2,5,16/11
95147	14	48/09;12,16,24,26,28,31, 32,45,50/10;5/11
95149	10	40,51/09;5,16,17,18,21, 25,27,42,46,51/10;2,5,12, 19/11
95151	18	40,51/09;5,12,24,25,27, 29,35,42/10;5,16/11
95152	6	40/09;18,21,25,27,29, 42/10;12,16,19/11
95153	3	21,24,27,42,46,51/10; 5/11
95160	14	48/09*;11,14,16,17,18, 20,32,38,52/10;7/11
95161	16	40,41,42,43,49,50/09;8, 11,12,13,17,28/10
95162	2	5,7,41/10
95163	2	44/09;7,16,19,28,30,32, 34,35,37,38,51,52/10;7, 11/11
95164	4	43/09;7,16,27/10
95167	11	N35/09*;N26,N30,N31, N35,N51,N52/10
95169	3	N18/11*
95171	1	5,8,10,16,19,21,22/10
95172	1	10,16/10
95173	1	49,50/09;3,5,18/10
95174	1	50/09;18/10
95176	2	3,11,18,23/10
95177	2	N43/09*;N30,N35, N38/10;N7/11
95180	11	41,44,49/09;3,4,5,6,7,8, 15,18,19,21,22/10;11, 19/11
95185	3	5,11,20,32/10
95200	6	49/09;5,9,19/10
95250	4	36,41,47/09;2,11,15,38, 39/10
95258	3	40/09
95261	7	38/09;39/10
95264	9	N39/09;N39/10
95267	6	37/09
95268	16	48/09;47/10
95270	5	49/09;38,47,50/10
95271	5	N50/09*
95273	2	43/09
95274	4	38/09;38,39/10
95276	4	46/10**
95280	10	17,51/10;2/11
95281	15	42/09
95282	8	N10/11**
95284	1	N46/10*
95285	3	48/09;51/10
95288	1	N10/11*
95300	6	34,37/09;17/10
95320	15	41,45/09;11/10
95341	9	N34,N35,N41,N42,N46, N47/09;N11,N38/10
96000	5	11/11
96004	14	7/10;11/11
96020	4	45/09
96024	3	5,14/10
96028	5	1,45/10

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 33/09 THROUGH NM 27/11

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.
96032	3	41/10;21/11
96036	2	41/09
96039	7	47/09;4,5,7,35/10
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96042	11	39,47/09;10,12,25,27,28, 32,33,41/10;15,18,22/11
96043	8	5,7,14,30,48/10;22/11
96044	10	48,51/09;14,23,30,33,36, 40,46,48/10;15,22/11
96060	7	5/10
96120	6	21/11
96140	5	16,19,21/11
96141	4	16,17/11
96181	5	39/09;30,36/10;16,17/11
96200	5	44,45,48/09;7/10;17/11
96340	4	46/09;19/11
96360	4	47/10
96379	1	47/10
96381	2	46/09
96400	4	19/11
96440	3	17/11
96441	1	12,36/10
96500	6	16/11
96621	5	16,19/11
96660	4	41/09
96760	4	36,38,44/09
96762	4	36,38,48/09
96763	7	36,38,45/09
96764	3	36,44,48/09;38/10
96880	6	5,14/10;16/11
96882	4	16/11
96900	4	36,44,45,47/09
96901	3	36,44,45,47/09;38/10
96904	3	44/09
96910	1	5,14/10;16/11
96931	1	N21/11*
96937	2	44,52/09
96938	4	44,45/09
96939	3	36/09;8,42/10
96940	1	N5/10
96941	8	38/09;5/10
96942	10	N21/11**
96943	15	36,38,41/09;2,11,15,38, 39/10
96944	6	42,47/09
96945	3	38,41/09;11,15,39/10
96948	8	36/09;39/10
96949	21	13/10
96951	1	N46*,N50/10;N2/11
96960	3	36,45/09;5,8,42/10
96961	4	46/10**
96962	4	36/09;11/10
97000	3	19,21/11
97005	9	36/09;11/10;12,14/11
97015	10	35,37,47/09;3/10;18/11
97021	8	22*,23,24/11
97026	10	38,45,46/09
97029	3	35,37/09;20/10;18,19/11
97040	5	1,17/10;14/11
97041	9	21/11**
97042	7	17/10;14/11
97043	2	49/09;14/11
97044	1	N21/11*
97060	8	17,49,50/10;12,14/11
97061	4	14/11
97062	13	39/09
97063	2	7/10;14/11
97064	2	49,50/10
97080	6	1,13,42,49,50/10
97082	6	N39/09
97100	4	47/09;1,12,13,42/10
97101	2	47/09;12/10
97104	4	1/10
97105	3	1,42/10
97108	4	47/09;12/10
97120	6	37,47/09;3/10
97133	1	N11/11*
97134	1	N9/11*
97135	1	N46/10*;N2/11
97136	1	N18/11*
97137	1	N46/10*;N2/11
97139	1	N46*,N50/10
97140	17	34,35,36,37/09;3,13,15, 17,22,37/10;19/11
97141	5	47/09
97143	12	11/11**
97144	14	9/11**
97145	2	37,50/09;3/10
97146	10	46/10**
97148	9	18/11**
97149	21	N46/10**
97150	13	46/10**
97151	17	21/11**
97154	2	17/10
97155	15	21/11**
97156	6	44/09;7/10
97159	6	34,37/09;13,15,22/10
97163	14	52/09;22/10
97164	1	52/09;13,22/10
97166	2	N37/10
97167	3	37/10
97168	1	N21/11*
97172	1	N21/11*
97180	7	N5*,N15,N38/10
97181	20	36,37,46,48,50/09;2,5,12, 38,42/10
97182	14	N33*,N48/09;N5/10
97183	9	36/09;38/10
97184	16	N35/09*;N38/10
97185	2	47/09;42/10
97187	3	36/09
97188	3	47,52/09;5,42/10
97189	2	38/10
97190	2	36,37,45,50/09;8,16, 20/10
97191	1	N11/11*
97198	1	N11/11*
97200	9	38,47,48,52/09;8,16, 20/10
97201	7	45/09;8/10
97202	16	N47/09
97204	9	11/11**
97206	3	20/10
97218	3	37/09;12/10
97219	4	37,52/09;12,17/10
97220	4	50/09;39/10
97221	21	N11/11**
97222	12	41,48,52/09;1,38/10
97225	32	41,50,52/09;1,10,20,38, 39/10
97228	16	N34/09*;N39/10
97229	12	50/09;39/10
97231	11	37/09;12/10
97233	12	12/11**
97234	17	35,49/09;13,38/10;1,8, 10/11
97235	2	9,11/10
97236	20	43,49/09;38/10;8,10/11
97239	10	35,37,43/09;46/10
97241	6	21/11**
97243	9	N34,N37,N39,N43, N50/09;N12,N16,N43, N46/10
97244	5	39/09;7/10
97245	11	39/10
97251	4	52/09
97252	1	N12/11*
97259	1	N21/11*
97261	15	12/11**
97262	11	N12/11**
97263	10	35/09;46/10
97266	6	N5*,N12,N38,N43,N44, N45,N46/10;N19,N21/11
97267	16	39,44,47,50/09;38/10;19, 21/11
97269	12	N39/09*
97270	7	N38,N47/09;N19,N21/11
97271	12	41/09;5/10
97272	11	35,41,43,52/09;7/10
97273	11	41,52/09;5,7,21/10
97274	19	9/11**
97275	3	19/11
97276	2	44/09
97277	12	35,39,41,43/09;5,7,13,20, 21,38/10
97278	12	38,43,46/09;5,13,20,21, 37/10
97279	10	N5,N20/10
97281	3	21/10
97283	4	N20/10
97285	7	11/11**
97286	7	11/11**
97287	6	11/11**
97293	1	N12/11*
97294	1	N12/11*
97295	1	N9/11*
97300	6	36,38,46/09;37,39/10
97304	1	39/10
97308	1	N9/11*
97319	1	N11/11*
97320	6	38,43,46/09;37,39/10
97321	1	N11/11*
97322	1	N11/11*
97340	8	34/09;37/10
97342	14	34/09;37/10
97343	12	34/09
97360	6	37,46,52/09;7,14,37/10
97380	7	46,47/09;2,4,5,7,14,37, 39/10
97381	7	37,46,52/09;7,14,37/10
97383	16	37,44,46/09;1,2,7,11,15, 37/10
97384	5	44,46/09;15/10
97385	11	44/09;1,7,11/10
97386	6	40/09
97387	3	36,44/09;1,7/10
97389	2	11/10
97390	6	N34,N44,N47/09;N2/10
97391	27	34/09
97392	5	34/09;4,37,39/10
97396	14	47/09;2,4,14,37,39/10
97397	8	N4,N37/10
97398	4	4,37/10
97400	4	37,39/09;4/10
97410	9	36/09;4/10
97420	17	36,41,46,47/09;4,7,11,14, 38,39/10
97421	13	47/09;7,38/10
97423	3	N47/09
97425	7	N36/09;N38,N39/10
97440	8	37,43,46/09;10,16,37/10
97441	5	43,46/09;16/10
97443	6	43,46/09;16/10
97460	7	37,43,46/09;10,16/10
97461	9	37/09;18/10
97465	9	34/09;12/11
97466	3	N48/09*
97469	10	34/09;18/10;1,12/11
97471	6	N1,N12/11
97473	8	N19/10*
97480	8	16,30/10;21,22/11
97481	6	34/09
97483	7	38/09;16/10
97521	6	49/09;20/10
97564	3	34/09
800113	6	N46/09;N38,N41/10
800669	9	N34,N46/09;N7,N12, N38,N41/10
800744	1	N41,N46/09;N24/11
801885	4	N9/11
802202	8	N44/10;N2,N3/11
802260	6	N34/09;N7,N12/10
803400	1	N40/10*
803401	1	N24/10*
803405	1	N46/09*
803408	1	N47/09*
803410	1	N46/09*
803417	1	N24/10*
803418	1	N47/09*
803429	1	N31/10*
803432	1	N26/11*
803433	1	N14*,N19/11
803436	1	N47/09*
803445	1	N17/11*
803450	1	N40/10*
803451	1	N26/11*
803452	1	N10/10*
803456	1	N47/09*
803457	1	N40/10*
803458	1	N46/09*
803463	1	N40/10*
803464	1	N14/11*
803467	1	N14/11*
803470	1	N46/09*
803472	1	N31/10*
803475	1	N46/09*
803482	1	N47/09*
803486	1	N47/09*
803487	1	N40/10*
803489	1	N10/10*
803496	1	N46/09*
803498	1	N14/11*
803738	1	N40/10*
804567	4	N40/09;N2,N5/10
805118	4	N6/10*
805647	2	N43,N48/09;N6/10; N11/11
805980	4	N41/09;N15,N18/10
806901	1	N47/09*
806902	1	N14/11*
806921	1	N26/11*
806928	1	N40/10*
806929	1	N40/10*
806939	1	N14/11*
806943	1	N26/11*
806946	1	N46/09*
806952	1	N47/09*
806953	1	N26/11*
806958	1	N47/09*
806959	1	N31/10*
806967	1	N24/10*
807448	2	N41/09;N15/10
808528	1	N41/09
808568	1	N49/09;N31,N33/10
809055	7	N8,N29,N32,N46/10; N11/11
809121	1	N26/11*
809138	1	N26/11*
809310	10	N47/09*;N46/10
809679	2	N22,N27,N34,N43,N44, N46/10;N15,N16/11
809780	1	N37/09

SECTION II
NGA/DLIS CATALOG CORRECTIONS

Note: Underlining indicates that column in which a correction has been made or new information added.

NGA Ref. No. (National Stk. No.)	Title	Scale = 1:	Edition No.	Edition Date	Price Category	NTM
	REGION 1					
11ACO11340 (7642014010103)	Mississippi River to Galveston	458,596	75	5/11	NOS	27/11
18AHA18449 (7642014011511)	Seattle to Bremerton	25,000	19	5/11	NOS	27/11
18AHA18474 (7642014012197)	Shilshole Bay to Commencement Bay	40,000	9	5/11	NOS	27/11
	REGION 2					
22XCO22343 (7642014476600)	Seno Reloncavi 41 58 28S 73 09 38W 41 27 00S 72 37 21W	70,000	2	4/11	DS	27/11
22BHA22345 (7642014011830)	Canceled Note: Replaced by Chart 22343					27/11
22XCO22351 (7642014476602)	Isla Quinchao to Islas Desertores 42 54 45S 73 31 58W 42 29 02S 72 46 58W Note: 2nd edition was not announced in Notice to Mariners	70,000	3	4/11	DS	27/11
24AHA24052 (7642014011925)	Approaches to Puerto de La Plata and Buenos Aires	80,000	17	4/11	DS	27/11
	Plans A: Puerto de La Plata 34 45 42S 57 56 00W 34 52 30S 57 56 00W 34 52 30S 57 47 45W 34 48 12S 57 47 45W 34 45 42S 57 51 38W B: Puerto de Colonia del Sacramento 34 29 30S 57 52 24W 34 27 54S 57 50 12W	25,000 15,000				
24AHA24053 (7642014014953)	Port of Buenos Aires	20,000	17	4/11	DS	27/11
	REGION 4					
44ACO44065 (7642014010888)	Approaches to Kiel 54 18 36N 9 49 54E 54 46 30N 10 24 24E	50,000	8	3/11	DS	27/11
	REGION 8					
81BHA81782 (7642014013842)	Majuro Atoll	35,000	3	4/11	A	27/11
	MISCELLANEOUS CHARTS AND PUBLICATIONS					
DNCDX020 (7644014615837)	United Kingdom		12	4/11	DS	27/11
DNCDX026 (7644014421035)	British Columbia		24	4/11	DS	27/11
MINLS1116A (7642014007887)	Mississippi River to Galveston	458,596		2011	NOS	27/11

Price Categories effective 1 October 2010

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

SECTION II
NGA/DLIS CATALOG CORRECTIONS

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

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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.

For questions concerning the availability and distribution of announced hardcopy charts, users should contact the Defense Logistics Agency (DLA) at 1-800-826-0342 or 804-279-6500; DSN 695-6500; Fax 804-279-6524.

COAST PILOT CORRECTIONS

COAST PILOT 1 41 Ed 2011 Change No. 1
LAST NM 19/11

Page 105—Paragraph 1432, line 6 to Page 106—Paragraph 1437, line 10; read:

engaged in commerce, must have a satellite navigation receiver with–

(1) Automatic acquisition of satellite signals after initial operator settings have been entered; and

(2) Position updates derived from satellite information during each usable satellite pass.

(b) A system that is found by the Commandant to meet the intent of the statements of availability, coverage, and accuracy for the U.S. Coastal Confluence Zone (CCZ) contained in the U.S. "Federal Radionavigation Plan" (Report No. DOD-NO 46450.4-P, 1 or No. DOT-TSC-RSPA-80-16, 1). A person desiring a finding by the Commandant under this subparagraph must submit a written application describing the device to the Coast Guard Deputy Commander for Operations (CG-DCO), 2100 2nd St, SW., Stop 7471, Washington, DC 20593-7471. After reviewing …

(FR 6/2/11) 27/11

Page 106—Paragraphs 1443 to 1446; strike out.

(FR 6/2/11) 27/11

Page 244—Paragraph 122, lines 5 to 7; read:

west. The pilot will board 3 miles east of Penobscot Bay …

(NOS/11) 27/11

COAST PILOT 2 40 Ed 2011 Change No. 11
LAST NM 23/11

Page 121—Paragraph 2143, line 6 to Paragraph 2148, line 11; read:

engaged in commerce, must have a satellite navigation receiver with–

(1) Automatic acquisition of satellite signals after initial operator settings have been entered; and

(2) Position updates derived from satellite information during each usable satellite pass.

(b) A system that is found by the Commandant to meet the intent of the statements of availability, coverage, and accuracy for the U.S. Coastal Confluence Zone (CCZ) contained in the U.S. "Federal Radionavigation Plan" (Report No. DOD-NO 46450.4-P, 1 or No. DOT-TSC-RSPA-80-16, 1). A person desiring a finding by the Commandant under this subparagraph must submit a written application describing the device to the Coast Guard Deputy Commander for Operations (CG-DCO), 2100 2nd St, SW., Stop 7471, Washington, DC 20593-7471. After reviewing the application, the Commandant …

(FR 6/2/11) 27/11

Page 121—Paragraphs 2154 to 2157; strike out.

(FR 6/2/11) 27/11

Page 236—Paragraph 217, lines 4 to 16; read:

Cape Cod Canal. (See Notice to Mariners and the latest edition of the chart for controlling depths.) In 1992, a rock was reported near the railroad bridge crossing Cohasset Narrows in 41°44'46"N., 70°37'22"W. The railroad bridge has a bascule span with a clearance of 6 feet; the bridge is kept in a closed position. A highway bridge, just above the railroad bridge, has a fixed span with a clearance of 9 feet. A marina is on the east side of Cohasset Narrows just south of the railroad bridge and can provide transient berths, gasoline, diesel fuel, water, ice, marine supplies, pump-out and a launching ramp. Several small piers for shallow-draft boats are in Buttermilk Bay.

(NOS 13236; DB-19363-small) 27/11

Page 259—Paragraph 197, lines 8 to 18; read:

The entrance channel is marked by buoys. In 2011, the controlling depth was 6 feet in the entrance channel and the turning basin; 5 to 6 feet was available in the anchorage basin. A 12-foot-high protective …

(L-406-2011; DD 19682) 27/11

Page 276—Paragraph 92, line 1; read:

Race Rock Light (41°14'37"N., 72°02'50"W.), 67 …

(20/11 CG1) 27/11

Page 394—Paragraph 239, lines 4 to 18; read:

channel connects several channels which lead to various facilities along the New Jersey waterfront including: the Army Corps of Engineers Caven Point Terminal, New York Waterway Ferry Landing, Claremont Terminal, New York Cross Island Railroad Terminal, Port Jersey Imported Automobile Terminal and Global Terminal and Container Services. A Federal project provides for a depth of 20 feet in the channel (See Notice to Mariners and the latest edition of the chart for controlling depths.) The channels are well marked with lighted and unlighted buoys.

(PS 5/99; L-338-2011; NOS 12334) 27/11

COAST PILOT 5 39 Ed 2011 Change No. 1
LAST NM 24/11

Page 527—Paragraph 168, line 5; read:

wharf.

Pilotage, Arecibo

COAST PILOT 5 (Continued)

See Pilotage, Puerto Rico (indexed as such) early this chapter. Pilots board vessels about one mile NW of Arecibo Light.
(20/11 CG7) 27/11

Page 530—Paragraph 210, line 1; read:
Pilots board vessels about 2.7 miles N of Bahia de San Juan Lighted Buoy 2 off the harbor entrance …
(20/11 CG7) 27/11

Page 544—Paragraph 453, lines 3 to 4; read:
inbound vessels about 1.5 miles SE of Puerto Yabucoa Channel Lighted Buoy 2.
(20/11 CG7) 27/11

Page 545—Paragraph 479, line 2; read:
this chapter. Pilots board vessels about 1.5 miles S of Las Mareas Lighted Buoy LM off the entrance …
(20/11 CG7) 27/11

Page 546—Paragraph 493, line 3; read:
Vessels are boarded about 3.1 miles SW of Bahia de Jobos Light off Cayos de Ratones.
(20/11 CG7) 27/11

Page 548—Paragraph 532, line 2; read:
this chapter. Pilots board vessels about one mile S of Bahia de Ponce Lighted Buoy 1.
(20/11 CG7) 27/11

Page 551—Paragraph 568, lines 2 to 4; read:
this chapter. Pilots board vessels about 3 miles S of Bahia de Guayanilla Entrance Lighted Buoy 1. Pilots can be contacted on 2182 and …
(20/11 CG7) 27/11

Page 552—Paragraph 592, lines 3 to 4; read:
Bahia de Guanica. Pilots board vessels about 1.2 miles SE of Bahia de Guanica Entrance Lighted Buoy 2. Pilots can be contacted on 2182 …
(20/11 CG7) 27/11

Page 556—Paragraph 650, lines 2 to 3; read:
this chapter. Pilots board vessels about 1.1 miles W of Bahia de Mayaguez Entrance Lighted Buoy 3.
(20/11 CG7) 27/11

COAST PILOT 6 41 Ed 2011 Change No. 6
LAST NM 20/11

Page 110—Paragraph 1542, line 6 to Page 111—Paragraph 1547, line 11; read:
engaged in commerce, must have a satellite navigation receiver with–

(1) Automatic acquisition of satellite signals after initial operator settings have been entered; and

(2) Position updates derived from satellite information during each usable satellite pass.

(b) A system that is found by the Commandant to meet the intent of the statements of availability, coverage, and accuracy for the U.S. Coastal Confluence Zone (CCZ) contained in the U.S. "Federal Radionavigation Plan" (Report No. DOD-NO 46450.4-P, 1 or No. DOT-TSC-RSPA-80-16, 1). A person desiring a finding by the Commandant under this subparagraph must submit a written application describing the device to the Coast Guard Deputy Commander for Operations (CG-DCO), 2100 2nd St, SW., Stop 7471, Washington, DC 20593-7471. After reviewing the application, the Commandant …
(FR 6/2/11) 27/11

Page 111—Paragraphs 1553 to 1556; strike out.
(FR 6/2/11) 27/11

Page 206—Paragraph 197, lines 6 to 10; read:
Tuscarora Bay. (See Notices to Mariners and the latest edition of the chart for controlling depths.)
(L-375-2011; 22/11 CG9) 27/11

Page 237—Paragraph 267, line 13; read:
light on the W end. In May 2011, shoaling to 25 feet was reported in the entrance channel just off the outer end of the W breakwater in 41°55'14"N., 80°47'40"W.
(22/11 CG9) 27/11

Page 257—Paragraph 535, lines 4 to 5; read:
thence 27 feet in the river channel to the turning basin 6.3 miles above the mouth; thence 25 feet to the upstream limit of the project with 10 feet in Riverside Turning …
(L-498-2011) 27/11

Page 308—Paragraph 75, lines 5 to 7; read:
A private marina is located just S of the Detroit …
(NOS 14862) 27/11

Page 310—Paragraph 102, lines 7 to 12; read:
a private **113.5°** lighted range. Buoys in the dredged channel may be relocated as necessary to best mark the channel limits. (See Notice to Mariners and the latest edition of the chart for controlling depths.)
(NOS 14863; 21/09 CG9) 27/11

Page 321—Paragraph 245, lines 4 to 7; read:
deep-draft vessels, especially during heavy weather. Submerged wrecks are near the NE extremity of the bank. A lighted buoy with a racon 0.2 mile ESE of the …
(L-913-2010) 27/11

COAST PILOT 6 (Continued)

Page 341—Paragraph 60, lines 1 to 3; read:

In 2011, the controlling depths were 15 feet in the entrance to Round Lake, thence 16 feet in the dredged channel from Round Lake …

(DD-20047) 27/11

Page 349—Paragraph 175, line 7; read:

2011, the controlling depth was 5 feet in the entrance …

(DD-19776) 27/11

Page 365—Paragraph 377, line 13 to Paragraph 378; read:

channel, is entered through a cut in the E pier. (See Notice to Mariners and the latest edition of the chart for controlling depths.)

(NOS 14905; 02/11 CG9) 27/11

Page 457—Paragraph 208, lines 6 to 8; read:

is at the W pierhead light. In 2011, the controlling depth was 19 feet in the dredged channel with lesser depths to 17 feet along the edges. Shoaling in the harbor …

(DD-19871) 27/11

COAST PILOT 7 43 Ed 2011 Change No. 12
LAST NM 22/11

Page 188—Paragraph 3368; insert after:

§165.1184 Safety Zone; Coast Guard Use of Force Training Exercises, San Pablo Bay, CA

(a) *Location.* This safety zone will apply to the navigable waters in the San Pablo Bay, and will encompass an area beginning at position

38°01'44"N., 122°27'06"W.;
38°04'36"N., 122°22'06"W.;
38°00'35"N., 122°26'07"W.;
38°03'00"N., 122°20'20"W. (NAD 83) and back to the starting point.

(b) *Enforcement.* The Coast Guard will notify the public via a Broadcast Notice to Mariners prior to the activation of this safety zone. The safety zone will be activated on average two times per month, but could be activated up to six times per month. It will be in effect for approximately three hours from 9 a.m. to 11:59 p.m. If the exercises conclude prior to the scheduled termination time, the Coast Guard will cease enforcement of this safety zone and will announce that fact via Broadcast Notice to Mariners. Persons and vessels may also contact the Coast Guard to determine the status of the safety zone on VHF–16 or the 24-hour Command Center via telephone at (415) 399–3547.

(c) *Definitions.* As used in this section, designated representative means a Coast Guard Patrol Commander, including a Coast Guard coxswain, petty officer, or other officer operating a Coast Guard vessel and a Federal, State, and local officer designated by or assisting the Captain of the Port San Francisco (COTP) in the enforcement of the safety zone.

(d) *Regulations.* (1) Under the general regulations in § 165.23, entry into, transiting, or anchoring within the safety zone is prohibited unless authorized by the COTP or the COTP's designated representative.

(2) The safety zone is closed to all vessel traffic, except as may be permitted by the COTP or the COTP's designated representative.

(3) Vessel operators desiring to enter or operate within the safety zone must contact the COTP or the COTP's representative to obtain permission to do so. Vessel operators given permission to enter or operate in the safety zone must comply with all directions given to them by the COTP or the COTP's designated representative. Persons and vessels may request permission to enter the safety zone on VHF–16 or the 24-hour Command Center via telephone at (415) 399–3547.

(FR 5/5/11) 27/11

Page 296—Paragraph 89, lines 1 to 3; read:

In 2010, the controlling depth was 10 feet (20 feet at midchannel) in the dredged channel to the highway bridge; general depths of 15 to 18 feet were available in …

(DD 19212) 27/11

Page 386—Paragraph 348, line 13 to Paragraph 349, line 1; read:

Lighted Buoy E and the entrance to Carquinez Strait.

A **regulated navigation area** has been established in San Pablo Bay N of the Pinole Shoal Channel. (See **33 CFR 165.1184**, chapter 2, for limits and regulations.)

General and naval anchorages are in San Pablo …

(FR 5/5/11) 27/11

COAST PILOT 7 43 Ed 2011 Change No. 13

Page 302—Paragraph 186; insert after:

New graphic titled **Vessel Operating Procedures for Los Angeles/Long Beach (Best Maritime Practices)** from back of this Subsection.

(L-542-2011) 27/11

Page 385—Paragraph 343, lines 7 to 12; read:

the bridge. In 2011, the controlling depth was 3 feet at midchannel from the channel entrance to the mouth of the creek, thence 2 feet at midchannel to the turning basin, with 2 feet in the basin. The channel entrance is …

(DD 19560-61) 27/11

Page 514—Paragraph 123, lines 9 to 11; read:

rock covered 5 fathoms is at 48°07'22"N.; 123°13'18"W. A shoal with a least depth of 2¼ fathoms is 330 yards NW of the NW corner of the …

(H 11751; DD 18690) 27/11

COAST PILOT 7 (Continued)

Page 515—Paragraph 146, lines 5 to 6; read:

lights. In 2007, the controlling depth in the entrance and basin was 16 feet with 12 feet alongside the berths. About 660 berths, electricity …

(H 11751; DD 18690) 27/11

Page 523—Paragraph 246, line 17; read:

Gasoline, diesel fuel, water, ice, and marine supplies are available at Friday …

(DB-19422-small) 27/11

COAST PILOT 7 43 Ed 2011 Change No. 14

Page 166—Paragraph 2715, line 6 to Paragraph 2720, line 11; read:

engaged in commerce, must have a satellite navigation receiver with–

(1) Automatic acquisition of satellite signals after initial operator settings have been entered; and

(2) Position updates derived from satellite information during each usable satellite pass.

(b) A system that is found by the Commandant to meet the intent of the statements of availability, coverage, and accuracy for the U.S. Coastal Confluence Zone (CCZ) contained in the U.S. "Federal Radionavigation Plan" (Report No. DOD-NO 46450.4-P, 1 or No. DOT-TSC-RSPA-80-16, 1). A person desiring a finding by the Commandant under this subparagraph must submit a written application describing the device to the Coast Guard Deputy Commander for Operations (CG-DCO), 2100 2nd St, SW., Stop 7471, Washington, DC 20593-7471. After reviewing the application, the Commandant …

(FR 6/2/11) 27/11

Page 166—Paragraphs 2726 to 2729; strike out.

(FR 6/2/11) 27/11

Page 209—Paragraph 3932; insert after:

§165.1335 Security Zone; Vessels Carrying Hazardous Cargo, Sector Columbia River Captain of the Port Zone.

(a) *Location*. The following area is a security zone: All waters within 500 yards. In all directions, of any vessel carrying hazardous cargo, as determined by the Captain of the Port (COTP) Columbia River, while such a vessel is located in the Sector Columbia River COTP Zone as defined in 33 CFR 3.65-15 and the COTP Columbia River determines that a security zone is necessary and enforcement of the security zone is practicable.

(b) *Regulations.* (1) In accordance with the general regulations in 33 CFR part 165, Subpart D, no person or vessel may enter or remain in a security zone created by this section without the permission of the COTP Columbia River or his/her designated representative. Designated representatives are Coast Guard personnel authorized by the COTP Columbia River to grant persons or vessels permission to enter or remain in a security zone created by this section. Subpart D of 33 CFR part 165 contains additional provisions applicable to a security zone created by this section.

(2) To request permission to enter a security zone created by this section, contact Coast Guard Sector Columbia River at telephone number 503-861-6212 or via VHF channel 16 (156.8 MHz) or VHF channel 22 (157.1 MHz).

(c) *Notification*. When a security zone is created by this section, one or more Coast Guard vessels will be present to enforce the security zone and the COTP Columba River will issue a local broadcast notice to mariners.

(FR 5/17/11) 27/11

Page 296—Paragraph 88, line 6; read:

microphone five times on VHF-FM channel 81A. A prominent …

(22/11 CG11; LL/11) 27/11

Page 412—Paragraph 74, line 13; read:

and a sound signal. The horn is activated by keying the microphone five times on VHF-FM channel 81A. Small rocks extend from Mooring Rock to …

(22/11 CG11; LL/11) 27/11

Page 444—Paragraph 187, line 2; read:

hard sand and rock covered 4 to 25 feet and marked by breakers. The reef extends …

(H 11981; DD 19508) 27/11

Page 444—Paragraph 188, line 1; read:

South Reef, with a least depth of 8 feet, is a S continuation of …

(H 11981; DD 19508) 27/11

Page 444—Paragraph 191, lines 8 to 9; read:

buoys. Between the jetties, numerous submerged rocks lie along the outside of the charted entrance channel limits.

(H 11981; DD 19508) 27/11

COAST PILOT 9 28 Ed 2010 Change No. 10
LAST NM 22/11

Page 217—Paragraph 1195, line 9; read:

anchoring. The Captain of the Port, Western Alaska, in consultation with the marine community has guidelines for vessels anchoring in Kachemak Bay in response to previous instance of vessels dragging anchor. These guidelines shall be followed at all times by any vessel anchoring in Kachemak Bay.

General Requirements for All Vessels

While anchored in Kachemak Bay, a 24-hour bridge watch shall be maintained by an English-speaking deck watch officer. If the vessel is found to be dragging anchor, the agent, master, operator or person in charge shall ensure that Sector

COAST PILOT 9 (Continued)

Anchorage or Marine Safety Detachment Kenai is immediately notified of hazardous condition as soon as practical.

Specific Actions for Heavy Weather

Gale Warnings, if forecasted and/or actual winds are in excess of 34 knots the propulsion plant shall be on standby and ready to provide immediate propulsion. The vessel's position and under-keel clearance shall be confirmed at a minimum of once every 15 minutes by the licensed deck watch officer. Ensure a second anchor is made ready for letting go.

Storm Warnings, if forecasted and/or actual winds are in excess of 48 knots the vessel must take the precautions for Gale Warnings and discuss the following measures with the local Coast Guard, the Southwest Alaska Pilot's Association and the vessel agent. Consider increasing the scope of anchor chain as appropriate. Determine the availability and locations of potential stand by tugs, with the appropriate size and horsepower, which could assist the vessel in holding position. Assess the need to bring a Pilot onboard and if the Master and Pilot deem it necessary, put to sea for the duration of the heavy weather.

(L-401-2011) 27/11

Page 487—Paragraph 27, line 6; read:

City. In July 2010, a 2-knot northwesterly current was experienced by NOAA Ship Fairweather while anchored there.

(L-211-2011) 27/11

Page 488—Paragraph 32, line 7; read:

ice conditions and the remoteness of the locality. Changing current and wind conditions offshore of the shoal often cause confused, choppy seas which may be dangerous for small craft.

(L-211-2011) 27/11

Page 488—Paragraph 33, lines 3 to 4; read:

and steep sided.

(L-211-2011) 27/11

Page 488—Paragraph 34, line 5; read:

the islands are deep, the bottom is mostly rocky, but varies locally from stone to broken shell to mud, and …

(L-211-2011) 27/11

Page 488—Paragraph 35, lines 3 to 18; read:

and 8 miles NNW of Fairway Rock. **Diomede** (native name Inalik), the only village on the island, is midway along the W shore. A helipad is on a filled jetty W of the village. A yellow, white, and green rotating aerobeacon shows atop a cylindrical white water tank just E of the helipad when incoming or outgoing aircraft are expected. The aerobeacon is obscured between approximately 000° and 180°. Diomede has a health clinic and a native store. Very limited amounts of food and fuel are available. Mail is delivered on regular helicopter flights via Nome and Wales. A shoal extends W from the helipad toward the S end of Big Diomede Island across the U.S.-Russia boundary. Vessels approaching Little Diomede Island from the S and E may run close along the S shore, keeping in depths greater than 14 fathoms until the village is sighted, and anchor S of the shoal. Approach from E also has been made …

(L-608-2011) 27/11

NOS TIDE TABLES CORRECTIONS

EAST PACIFIC Ed 2011 LAST NM N4/11

Page 200 to Page 203;

Replace with pages from back of this Subsection.

(NOAA) N27/11

Vessel Operating Procedures for Los Angeles/Long Beach
(Best Maritime Practices)

Anchoring Procedures

In addition to observing all port tariffs and U.S. Coast Guard regulations, the Master of any commercial vessel at anchor shall implement the following Standards of Care:

1. Maintain a 24-hour bridge watch by an English speaking licensed deck officer monitoring VHF-FM Channel 16.
2. Make frequent checks to assure vessel is not dragging anchor.
3. When winds exceed 40 knots, have the propulsion plant ready to bring on line on short notice and make another anchor ready to let go.
4. Provide 15-minute advance notice to the respective pilot station (inside anchorages) or to VTS (outside anchorages) before heaving anchor to get underway.

General Anchoring Guidelines

Outside the Federal breakwaters:

1. All anchorages outside the Federal breakwater will be managed and monitored by the Vessel Traffic Service (VTS).
2. Any vessel desiring to use one of these anchorages must advise their intentions to VTS on VHF-FM Channel 14 and receive clearance to do so from VTS.

Inside the Federal breakwaters:

1. All anchorages inside the Federal breakwater will be managed and monitored by the Long Beach and/or Los Angeles Pilot Station.

Under-Keel Clearance

Minimum clearances (between the deepest point on the vessel and the bottom in still water conditions) are established for these ports and depend upon transit/anchor location.

1. Between **Los Angeles Lighted Whistle Buoy 3** and **Los Angeles Main Channel Lighted Buoy 11**, and between **Long Beach Channel Approach Lighted Whistle Buoy** and **Long Beach Channel Lighted Buoy 3**, minimum under-keel clearance before correction for roll and pitch is 10 percent of vessel's draft.
2. In the channel between **Los Angeles Main Channel Lighted Buoy 11** and position off of designated berth, and in the channel between **Long Beach Channel Lighted Buoy 3** and position off of designated berth, minimum under-keel clearance is 1.5 feet (.46 meter).
3. Shifts via outer harbor between Los Angeles and Long Beach, minimum under-keel clearance is 3 feet (.91 meter).
4. Larger vessels require more under-keel clearance.
5. In the final approach to the berth, and while at berth, the vessel must always remain afloat.
6. Terminal or vessel operators may require minimum under-keel clearances that are more restrictive than the above guidelines.

Reduced Visibility

In Los Angeles/Long Beach harbors Standards of Care exist for movements in reduced visibility. The definition of reduced visibility is dependent upon vessel type and size, but generally ranges from 0.5 nautical mile to 1.0 nautical mile. Special provisions providing equivalent safety levels may permit some operation in reduced visibility. Whenever visibility inside the Federal breakwater is less than 0.5 mile, the respective Vessel Traffic Center (VTC) will impose one-way traffic where appropriate.

General guidelines for movements in reduced visibility without a pilot are:

1. Masters must make a positive evaluation of factors including, but not limited to, traffic in the harbors, planned transit speeds, vessel maneuverability, quality of the vessel's navigation systems, availability of assist tugs, and other special circumstances.
2. Vessels 1600 GT or greater shall make the following broadcast to the VTS on VHF-FM channel 14 at least 15 minutes prior to getting underway: "*Vessel name/call sign*, making our inclement weather COTP notification, as per guidance within the Harbor Safety Plan, that we intend to transit from *vessel location* to *intended destination*."
3. A safety broadcast shall also be made on VHF-FM Channel 13, and the vessel shall coordinate its movement with the appropriate Vessel Traffic Center (VTC).

Port Moller, Bristol Bay, Alaska, 2011

Times and Heights of High and Low Waters

January

	Time	Height	
	h m	ft	cm
1 Sa	0127	–2.0	–61
	0842	10.8	329
	1400	5.5	168
	1857	9.8	299
2 Su	0217	–2.0	–61
	0939	11.0	335
	1500	5.6	171
	1946	9.3	283
3 M	0306	–1.8	–55
	1032	11.2	341
	1558	5.6	171
	2038	8.8	268
4 Tu ●	0354	–1.5	–46
	1120	11.2	341
	1654	5.4	165
	2134	8.3	253
5 W	0441	–1.0	–30
	1204	11.2	341
	1749	5.1	155
	2235	7.9	241
6 Th	0527	–0.4	–12
	1244	11.1	338
	1841	4.6	140
	2337	7.6	232
7 F	0612	0.3	9
	1322	11.0	335
	1932	4.0	122
8 Sa	0041	7.4	226
	0658	1.1	34
	1356	10.8	329
	2019	3.3	101
9 Su	0147	7.4	226
	0744	2.0	61
	1429	10.5	320
	2102	2.7	82
10 M	0251	7.5	229
	0831	2.9	88
	1500	10.2	311
	2144	2.0	61
11 Tu	0354	7.8	238
	0919	3.9	119
	1529	9.8	299
	2223	1.4	43
12 W ◐	0454	8.1	247
	1008	4.7	143
	1555	9.5	290
	2301	0.9	27
13 Th	0552	8.4	256
	1058	5.5	168
	1618	9.2	280
	2338	0.4	12
14 F	0646	8.8	268
	1149	6.1	186
	1639	9.0	274
15 Sa	0015	0.0	0
	0736	9.2	280
	1238	6.6	201
	1704	9.1	277

	Time	Height	
	h m	ft	cm
16 Su	0052	–0.5	–15
	0823	9.5	290
	1326	6.8	207
	1738	9.2	280
17 M	0131	–1.0	–30
	0907	9.8	299
	1413	6.9	210
	1821	9.3	283
18 Tu	0214	–1.4	–43
	0949	10.1	308
	1502	6.7	204
	1913	9.3	283
19 W ○	0300	–1.6	–49
	1029	10.4	317
	1555	6.2	189
	2014	9.2	280
20 Th	0349	–1.5	–46
	1109	10.8	329
	1651	5.4	165
	2127	8.9	271
21 F	0441	–1.2	–37
	1149	11.1	338
	1747	4.4	134
	2251	8.7	265
22 Sa	0536	–0.6	–18
	1230	11.3	344
	1844	3.1	94
23 Su	0016	8.7	265
	0634	0.3	9
	1313	11.4	347
	1941	1.8	55
24 M	0138	8.9	271
	0734	1.3	40
	1357	11.5	351
	2037	0.5	15
25 Tu	0256	9.2	280
	0836	2.4	73
	1443	11.3	344
	2133	–0.5	–15
26 W ◑	0410	9.7	296
	0939	3.3	101
	1530	11.1	338
	2229	–1.2	–37
27 Th	0520	10.1	308
	1043	4.1	125
	1620	10.7	326
	2324	–1.7	–52
28 F	0626	10.5	320
	1147	4.6	140
	1711	10.3	314
29 Sa	0019	–1.8	–55
	0727	10.7	326
	1250	5.0	152
	1804	9.9	302
30 Su	0113	–1.8	–55
	0825	10.8	329
	1349	5.1	155
	1856	9.5	290
31 M	0203	–1.5	–46
	0919	10.8	329
	1446	5.2	158
	1947	9.0	274

February

	Time	Height	
	h m	ft	cm
1 Tu	0251	–1.1	–34
	1009	10.8	329
	1540	5.1	155
	2039	8.6	262
2 W ●	0337	–0.6	–18
	1053	10.6	323
	1631	4.9	149
	2134	8.2	250
3 Th	0422	0.1	3
	1131	10.4	317
	1720	4.5	137
	2231	7.9	241
4 F	0505	0.8	24
	1206	10.2	311
	1807	4.1	125
	2330	7.8	238
5 Sa	0548	1.5	46
	1237	10.0	305
	1851	3.5	107
6 Su	0029	7.8	238
	0632	2.3	70
	1307	9.7	296
	1933	2.9	88
7 M	0129	7.9	241
	0717	3.1	94
	1337	9.5	290
	2014	2.3	70
8 Tu	0229	8.1	247
	0804	3.9	119
	1406	9.2	280
	2052	1.8	55
9 W	0325	8.3	253
	0851	4.6	140
	1433	9.0	274
	2130	1.3	40
10 Th ◐	0420	8.6	262
	0938	5.2	158
	1459	8.8	268
	2208	0.9	27
11 F	0513	8.8	268
	1026	5.7	174
	1524	8.8	268
	2247	0.4	12
12 Sa	0604	9.1	277
	1113	6.2	189
	1553	8.9	271
	2329	0.0	0
13 Su	0652	9.3	283
	1200	6.4	195
	1631	9.1	277
14 M	0012	–0.5	–15
	0736	9.5	290
	1247	6.4	195
	1718	9.3	283
15 Tu	0058	–0.8	–24
	0817	9.7	296
	1336	6.1	186
	1812	9.4	287

	Time	Height	
	h m	ft	cm
16 W	0145	–1.0	–30
	0856	9.9	302
	1426	5.6	171
	1914	9.5	290
17 Th ○	0235	–1.0	–30
	0936	10.2	311
	1520	4.7	143
	2025	9.4	287
18 F	0328	–0.6	–18
	1017	10.5	320
	1616	3.7	113
	2143	9.4	287
19 Sa	0424	0.0	0
	1059	10.7	326
	1713	2.5	76
	2304	9.5	290
20 Su	0522	0.7	21
	1143	10.8	329
	1810	1.3	40
21 M	0022	9.7	296
	0622	1.6	49
	1230	10.9	332
	1908	0.2	6
22 Tu	0138	10.1	308
	0725	2.4	73
	1320	10.8	329
	2007	–0.7	–21
23 W	0249	10.4	317
	0828	3.1	94
	1413	10.7	326
	2105	–1.2	–37
24 Th ◑	0357	10.7	326
	0932	3.7	113
	1509	10.5	320
	2203	–1.5	–46
25 F	0501	10.9	332
	1034	4.0	122
	1606	10.2	311
	2301	–1.5	–46
26 Sa	0603	10.9	332
	1137	4.3	131
	1703	9.9	302
	2358	–1.3	–40
27 Su	0702	10.9	332
	1237	4.3	131
	1801	9.5	290
28 M	0053	–1.0	–30
	0756	10.7	326
	1334	4.3	131
	1857	9.2	280

March

	Time	Height	
	h m	ft	cm
1 Tu	0145	–0.5	–15
	0846	10.5	320
	1427	4.2	128
	1951	8.9	271
2 W	0233	0.1	3
	0931	10.2	311
	1517	4.1	125
	2045	8.6	262
3 Th	0318	0.8	24
	1011	9.9	302
	1603	3.8	116
	2140	8.4	256
4 F ●	0402	1.5	46
	1045	9.5	290
	1646	3.5	107
	2235	8.3	253
5 Sa	0445	2.3	70
	1114	9.2	280
	1726	3.1	94
	2329	8.3	253
6 Su	0528	3.0	91
	1142	8.9	271
	1804	2.6	79
7 M	0022	8.5	259
	0613	3.7	113
	1210	8.6	262
	1841	2.2	67
8 Tu	0114	8.7	265
	0658	4.2	128
	1237	8.4	256
	1919	1.8	55
9 W	0206	8.9	271
	0745	4.7	143
	1305	8.2	250
	1956	1.4	43
10 Th	0256	9.1	277
	0832	5.1	155
	1332	8.2	250
	2035	1.0	30
11 F	0345	9.3	283
	0917	5.5	168
	1402	8.2	250
	2115	0.7	21
12 Sa ◐	0433	9.4	287
	1001	5.8	177
	1437	8.4	256
	2158	0.3	9
13 Su	0520	9.5	290
	1046	5.9	180
	1521	8.6	262
	2245	0.1	3
14 M	0604	9.6	293
	1133	5.8	177
	1612	8.8	268
	2334	–0.1	–3
15 Tu	0644	9.7	296
	1221	5.4	165
	1712	9.0	274

	Time	Height	
	h m	ft	cm
16 W	0026	–0.2	–6
	0723	9.8	299
	1310	4.7	143
	1819	9.2	280
17 Th	0119	0.0	0
	0800	10.0	305
	1400	3.8	116
	1929	9.4	287
18 F	0213	0.4	12
	0839	10.1	308
	1453	2.7	82
	2043	9.6	293
19 Sa ○	0310	1.0	30
	0921	10.2	311
	1547	1.5	46
	2159	10.0	305
20 Su	0409	1.7	52
	1007	10.3	314
	1642	0.4	12
	2313	10.4	317
21 M	0510	2.4	73
	1056	10.3	314
	1739	–0.5	–15
22 Tu	0023	10.8	329
	0613	3.0	91
	1149	10.2	311
	1837	–1.1	–34
23 W	0131	11.2	341
	0716	3.4	104
	1246	10.1	308
	1936	–1.5	–46
24 Th	0235	11.4	347
	0819	3.6	110
	1347	9.9	302
	2036	–1.5	–46
25 F	0336	11.5	351
	0921	3.7	113
	1449	9.7	296
	2135	–1.3	–40
26 Sa ◑	0436	11.4	347
	1022	3.7	113
	1551	9.5	290
	2233	–0.9	–27
27 Su	0533	11.2	341
	1122	3.6	110
	1653	9.3	283
	2331	–0.4	–12
28 M	0626	11.0	335
	1219	3.5	107
	1755	9.1	277
29 Tu	0026	0.2	6
	0716	10.6	323
	1313	3.3	101
	1855	8.9	271
30 W	0119	0.9	27
	0800	10.2	311
	1403	3.0	91
	1952	8.7	265
31 Th	0208	1.7	52
	0840	9.7	296
	1448	2.8	85
	2049	8.7	265

Time meridian 135° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

Port Moller, Bristol Bay, Alaska, 2011

Times and Heights of High and Low Waters

April

	Time	Height	
	h m	ft	cm
1 F	0255	2.5	76
	0914	9.2	280
	1529	2.5	76
	2144	8.7	265
2 Sa	0341	3.2	98
	0944	8.7	265
	1606	2.2	67
	2236	8.9	271
3 Su ●	0426	3.9	119
	1010	8.3	253
	1642	1.9	58
	2326	9.1	277
4 M	0511	4.5	137
	1036	7.9	241
	1716	1.6	49
5 Tu	0013	9.4	287
	0557	4.9	149
	1101	7.7	235
	1750	1.3	40
6 W	0059	9.6	293
	0644	5.2	158
	1127	7.6	232
	1825	1.0	30
7 Th	0144	9.8	299
	0730	5.4	165
	1156	7.6	232
	1903	0.7	21
8 F	0229	10.0	305
	0815	5.6	171
	1230	7.7	235
	1945	0.5	15
9 Sa	0313	10.1	308
	0859	5.6	171
	1313	7.8	238
	2030	0.3	9
10 Su	0356	10.1	308
	0943	5.6	171
	1405	8.0	244
	2117	0.2	6
11 M ◐	0437	10.1	308
	1027	5.3	162
	1505	8.1	247
	2207	0.3	9
12 Tu	0516	10.1	308
	1114	4.7	143
	1611	8.3	253
	2301	0.5	15
13 W	0554	10.1	308
	1202	3.9	119
	1723	8.6	262
	2357	1.0	30
14 Th	0630	10.2	311
	1251	2.9	88
	1837	8.9	271
15 F	0056	1.6	49
	0707	10.2	311
	1340	1.7	52
	1949	9.4	287

	Time	Height	
	h m	ft	cm
16 Sa	0155	2.3	70
	0747	10.2	311
	1431	0.5	15
	2101	10.0	305
17 Su ○	0256	2.9	88
	0830	10.1	308
	1523	–0.5	–15
	2210	10.6	323
18 M	0358	3.5	107
	0920	10.0	305
	1618	–1.3	–40
	2317	11.2	341
19 Tu	0501	3.9	119
	1014	9.8	299
	1713	–1.7	–52
20 W	0019	11.6	354
	0603	4.1	125
	1114	9.6	293
	1810	–1.9	–58
21 Th	0119	11.9	363
	0706	4.1	125
	1216	9.4	287
	1908	–1.8	–55
22 F	0217	12.0	366
	0807	3.9	119
	1322	9.2	280
	2007	–1.4	–43
23 Sa	0312	11.9	363
	0907	3.7	113
	1428	9.0	274
	2104	–0.9	–27
24 Su ◑	0405	11.7	357
	1005	3.3	101
	1534	8.8	268
	2201	–0.2	–6
25 M	0456	11.4	347
	1102	3.0	91
	1639	8.6	262
	2257	0.6	18
26 Tu	0543	11.0	335
	1156	2.6	79
	1744	8.6	262
	2352	1.5	46
27 W	0627	10.5	320
	1247	2.2	67
	1847	8.6	262
28 Th	0046	2.4	73
	0705	9.9	302
	1332	1.8	55
	1947	8.7	265
29 F	0137	3.3	101
	0739	9.3	283
	1413	1.5	46
	2045	8.9	271
30 Sa	0227	4.1	125
	0808	8.7	265
	1451	1.2	37
	2139	9.2	280

May

	Time	Height	
	h m	ft	cm
1 Su	0316	4.8	146
	0833	8.2	250
	1525	1.0	30
	2229	9.5	290
2 M ●	0405	5.3	162
	0855	7.8	238
	1558	0.8	24
	2315	9.8	299
3 Tu	0452	5.7	174
	0914	7.6	232
	1631	0.6	18
	2358	10.1	308
4 W	0539	5.9	180
	0938	7.5	229
	1705	0.3	9
5 Th	0040	10.3	314
	0625	6.0	183
	1011	7.5	229
	1742	0.1	3
6 F	0121	10.5	320
	0710	6.0	183
	1054	7.5	229
	1823	–0.1	–3
7 Sa	0202	10.7	326
	0755	5.8	177
	1145	7.5	229
	1908	–0.2	–6
8 Su	0241	10.8	329
	0840	5.5	168
	1245	7.6	232
	1956	–0.1	–3
9 M	0320	10.8	329
	0924	5.0	152
	1354	7.6	232
	2046	0.2	6
10 Tu ◐	0356	10.8	329
	1010	4.2	128
	1509	7.7	235
	2138	0.8	24
11 W	0432	10.7	326
	1057	3.3	101
	1626	8.0	244
	2235	1.5	46
12 Th	0507	10.7	326
	1145	2.1	64
	1743	8.4	256
	2335	2.4	73
13 F	0544	10.6	323
	1234	0.9	27
	1856	9.0	274
14 Sa	0038	3.3	101
	0622	10.5	320
	1323	–0.2	–6
	2005	9.7	296
15 Su	0142	4.0	122
	0704	10.3	314
	1413	–1.2	–37
	2112	10.4	317

	Time	Height	
	h m	ft	cm
16 M	0245	4.6	140
	0750	10.1	308
	1505	–1.8	–55
	2216	11.0	335
17 Tu ○	0348	4.9	149
	0842	9.8	299
	1558	–2.2	–67
	2315	11.5	351
18 W	0451	5.0	152
	0941	9.4	287
	1652	–2.2	–67
19 Th	0011	11.9	363
	0552	4.8	146
	1045	9.1	277
	1747	–2.0	–61
20 F	0105	12.1	369
	0652	4.5	137
	1151	8.8	268
	1843	–1.6	–49
21 Sa	0156	12.1	369
	0752	4.1	125
	1258	8.5	259
	1938	–1.0	–30
22 Su	0245	12.0	366
	0849	3.6	110
	1406	8.3	253
	2032	–0.2	–6
23 M	0331	11.8	360
	0943	3.0	91
	1514	8.2	250
	2125	0.7	21
24 Tu ◑	0415	11.4	347
	1036	2.4	73
	1620	8.2	250
	2218	1.7	52
25 W	0455	10.9	332
	1126	1.9	58
	1727	8.2	250
	2312	2.8	85
26 Th	0533	10.3	314
	1212	1.4	43
	1831	8.5	259
27 F	0007	3.8	116
	0606	9.7	296
	1255	1.0	30
	1932	8.8	268
28 Sa	0101	4.7	143
	0636	9.1	277
	1334	0.7	21
	2029	9.1	277
29 Su	0154	5.4	165
	0701	8.6	262
	1410	0.4	12
	2122	9.5	290
30 M	0245	5.9	180
	0720	8.2	250
	1444	0.2	6
	2211	9.8	299
31 Tu	0335	6.3	192
	0735	8.0	244
	1517	0.0	0
	2255	10.1	308

June

	Time	Height	
	h m	ft	cm
1 W ●	0423	6.5	198
	0757	7.9	241
	1551	–0.3	–9
	2336	10.4	317
2 Th	0509	6.6	201
	0832	7.8	238
	1629	–0.5	–15
3 F	0015	10.6	323
	0555	6.5	198
	0920	7.8	238
	1710	–0.6	–18
4 Sa	0053	10.9	332
	0641	6.2	189
	1020	7.7	235
	1754	–0.7	–21
5 Su	0131	11.1	338
	0728	5.6	171
	1128	7.6	232
	1841	–0.5	–15
6 M	0207	11.2	341
	0814	4.9	149
	1244	7.6	232
	1932	–0.1	–3
7 Tu	0243	11.3	344
	0901	3.9	119
	1405	7.6	232
	2025	0.7	21
8 W ◐	0318	11.3	344
	0949	2.8	85
	1525	7.8	238
	2120	1.6	49
9 Th	0353	11.2	341
	1037	1.6	49
	1642	8.2	250
	2219	2.7	82
10 F	0430	11.0	335
	1127	0.4	12
	1756	8.8	268
	2322	3.7	113
11 Sa	0509	10.8	329
	1217	–0.6	–18
	1907	9.5	290
12 Su	0028	4.6	140
	0551	10.5	320
	1308	–1.5	–46
	2012	10.1	308
13 M	0133	5.2	158
	0636	10.2	311
	1359	–2.0	–61
	2115	10.7	326
14 Tu	0236	5.5	168
	0725	9.9	302
	1451	–2.3	–70
	2214	11.2	341
15 W ○	0338	5.6	171
	0820	9.5	290
	1543	–2.2	–67
	2308	11.5	351

	Time	Height	
	h m	ft	cm
16 Th	0438	5.4	165
	0920	9.1	277
	1636	–2.0	–61
	2359	11.7	357
17 F	0538	5.1	155
	1025	8.7	265
	1727	–1.6	–49
18 Sa	0046	11.8	360
	0635	4.6	140
	1132	8.4	256
	1819	–1.0	–30
19 Su	0132	11.8	360
	0731	4.0	122
	1239	8.1	247
	1910	–0.3	–9
20 M	0214	11.6	354
	0825	3.4	104
	1346	8.0	244
	2001	0.6	18
21 Tu	0253	11.4	347
	0915	2.7	82
	1453	7.9	241
	2051	1.6	49
22 W	0330	11.0	335
	1002	2.0	61
	1559	8.0	244
	2141	2.7	82
23 Th ◑	0405	10.5	320
	1047	1.5	46
	1703	8.2	250
	2233	3.7	113
24 F	0438	10.0	305
	1131	1.0	30
	1806	8.5	259
	2327	4.7	143
25 Sa	0508	9.4	287
	1212	0.6	18
	1905	8.8	268
26 Su	0022	5.5	168
	0535	9.0	274
	1250	0.3	9
	2000	9.2	280
27 M	0115	6.1	186
	0557	8.6	262
	1327	0.0	0
	2051	9.5	290
28 Tu	0205	6.6	201
	0615	8.4	256
	1402	–0.2	–6
	2139	9.7	296
29 W	0253	6.8	207
	0639	8.4	256
	1438	–0.5	–15
	2222	10.0	305
30 Th ●	0340	6.9	210
	0714	8.4	256
	1516	–0.7	–21
	2302	10.3	314

Time meridian 135° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

Port Moller, Bristol Bay, Alaska, 2011

Times and Heights of High and Low Waters

July

	Time	Height	
	h m	ft	cm
1 F	0426	6.8	207
	0801	8.4	256
	1558	–0.9	–27
	2339	10.5	320
2 Sa	0514	6.4	195
	0901	8.2	250
	1643	–0.9	–27
3 Su	0015	10.8	329
	0602	5.7	174
	1014	8.1	247
	1731	–0.7	–21
4 M	0051	11.1	338
	0652	4.8	146
	1135	8.0	244
	1822	–0.2	–6
5 Tu	0127	11.3	344
	0743	3.7	113
	1257	8.0	244
	1916	0.5	15
6 W	0204	11.4	347
	0833	2.4	73
	1418	8.2	250
	2012	1.5	46
7 Th ◐	0241	11.3	344
	0923	1.2	37
	1534	8.6	262
	2111	2.5	76
8 F	0321	11.2	341
	1015	0.0	0
	1648	9.1	277
	2212	3.6	110
9 Sa	0402	11.0	335
	1107	–0.9	–27
	1758	9.6	293
	2316	4.4	134
10 Su	0447	10.7	326
	1201	–1.5	–46
	1904	10.1	308
11 M	0021	5.1	155
	0534	10.4	317
	1254	–1.9	–58
	2007	10.5	320
12 Tu	0125	5.4	165
	0625	10.0	305
	1347	–2.0	–61
	2106	10.8	329
13 W	0226	5.6	171
	0717	9.6	293
	1439	–1.9	–58
	2202	10.9	332
14 Th ○	0325	5.5	168
	0813	9.2	280
	1530	–1.6	–49
	2253	11.1	338
15 F	0423	5.3	162
	0914	8.8	268
	1620	–1.2	–37
	2339	11.1	338

	Time	Height	
	h m	ft	cm
16 Sa	0519	4.9	149
	1018	8.4	256
	1709	–0.6	–18
17 Su	0021	11.1	338
	0613	4.4	134
	1122	8.2	250
	1757	0.1	3
18 M	0100	11.0	335
	0704	3.7	113
	1227	8.0	244
	1845	0.9	27
19 Tu	0136	10.8	329
	0752	3.0	91
	1331	8.0	244
	1933	1.7	52
20 W	0211	10.5	320
	0838	2.4	73
	1434	8.1	247
	2022	2.7	82
21 Th	0244	10.2	311
	0921	1.8	55
	1534	8.3	253
	2111	3.6	110
22 F ◑	0316	9.8	299
	1002	1.3	40
	1633	8.6	262
	2200	4.4	134
23 Sa	0346	9.4	287
	1043	0.9	27
	1731	8.8	268
	2251	5.2	158
24 Su	0414	9.0	274
	1123	0.6	18
	1826	9.0	274
	2342	5.8	177
25 M	0440	8.8	268
	1202	0.3	9
	1918	9.2	280
26 Tu	0032	6.3	192
	0503	8.7	265
	1241	0.0	0
	2006	9.3	283
27 W	0119	6.6	201
	0531	8.7	265
	1320	–0.3	–9
	2051	9.5	290
28 Th	0204	6.7	204
	0609	8.8	268
	1400	–0.5	–15
	2133	9.7	296
29 F	0250	6.6	201
	0656	8.8	268
	1443	–0.7	–21
	2212	9.9	302
30 Sa ●	0338	6.2	189
	0754	8.8	268
	1530	–0.7	–21
	2249	10.2	311
31 Su	0429	5.5	168
	0905	8.6	262
	1620	–0.5	–15
	2326	10.5	320

August

	Time	Height	
	h m	ft	cm
1 M	0521	4.5	137
	1027	8.6	262
	1712	0.0	0
2 Tu	0003	10.7	326
	0614	3.3	101
	1149	8.7	265
	1808	0.7	21
3 W	0042	10.9	332
	0708	2.0	61
	1308	9.0	274
	1906	1.5	46
4 Th	0124	11.0	335
	0802	0.8	24
	1423	9.4	287
	2006	2.4	73
5 F	0208	11.0	335
	0856	–0.3	–9
	1533	9.8	299
	2107	3.2	98
6 Sa ◐	0255	10.9	332
	0951	–1.1	–34
	1641	10.2	311
	2209	3.9	119
7 Su	0344	10.7	326
	1047	–1.5	–46
	1746	10.4	317
	2311	4.5	137
8 M	0436	10.4	317
	1143	–1.7	–52
	1849	10.6	323
9 Tu	0014	4.8	146
	0530	10.1	308
	1240	–1.7	–52
	1948	10.7	326
10 W	0115	5.0	152
	0626	9.7	296
	1334	–1.4	–43
	2045	10.6	323
11 Th	0213	5.0	152
	0722	9.3	283
	1426	–1.0	–30
	2137	10.6	323
12 F	0310	4.8	146
	0819	8.9	271
	1516	–0.5	–15
	2225	10.4	317
13 Sa ○	0403	4.5	137
	0919	8.6	262
	1604	0.1	3
	2307	10.3	314
14 Su	0454	4.1	125
	1020	8.4	256
	1651	0.8	24
	2344	10.1	308
15 M	0542	3.6	110
	1121	8.3	253
	1737	1.6	49

	Time	Height	
	h m	ft	cm
16 Tu	0018	9.8	299
	0628	3.1	94
	1221	8.3	253
	1824	2.3	70
17 W	0051	9.6	293
	0711	2.5	76
	1319	8.5	259
	1912	3.0	91
18 Th	0122	9.3	283
	0753	2.0	61
	1415	8.7	265
	2001	3.7	113
19 F	0154	9.0	274
	0833	1.6	49
	1509	9.0	274
	2049	4.3	131
20 Sa	0226	8.8	268
	0912	1.2	37
	1601	9.1	277
	2135	4.9	149
21 Su ◑	0256	8.6	262
	0951	0.9	27
	1651	9.2	280
	2222	5.3	162
22 M	0325	8.5	259
	1031	0.7	21
	1741	9.3	283
	2307	5.8	177
23 Tu	0353	8.5	259
	1111	0.4	12
	1828	9.3	283
	2352	6.0	183
24 W	0425	8.6	262
	1154	0.2	6
	1912	9.3	283
25 Th	0035	6.1	186
	0506	8.7	265
	1238	0.0	0
	1952	9.4	287
26 F	0119	5.9	180
	0556	8.9	271
	1323	–0.1	–3
	2030	9.5	290
27 Sa	0206	5.4	165
	0655	9.0	274
	1412	0.0	0
	2107	9.7	296
28 Su ●	0255	4.7	143
	0803	9.0	274
	1503	0.3	9
	2146	9.9	302
29 M	0347	3.7	113
	0921	9.1	277
	1558	0.8	24
	2226	10.1	308
30 Tu	0442	2.5	76
	1041	9.4	287
	1656	1.4	43
	2309	10.2	311
31 W	0537	1.3	40
	1157	9.8	299
	1757	2.1	64
	2355	10.4	317

September

	Time	Height	
	h m	ft	cm
1 Th	0633	0.2	6
	1309	10.3	314
	1858	2.7	82
2 F	0045	10.4	317
	0731	–0.7	–21
	1418	10.7	326
	2001	3.2	98
3 Sa	0138	10.4	317
	0829	–1.3	–40
	1523	11.0	335
	2102	3.6	110
4 Su ◐	0234	10.3	314
	0927	–1.6	–49
	1625	11.2	341
	2203	3.9	119
5 M	0332	10.1	308
	1025	–1.6	–49
	1725	11.1	338
	2304	4.0	122
6 Tu	0431	9.9	302
	1123	–1.3	–40
	1824	11.0	335
7 W	0004	4.0	122
	0531	9.6	293
	1220	–0.9	–27
	1919	10.8	329
8 Th	0102	4.0	122
	0631	9.4	287
	1315	–0.4	–12
	2011	10.5	320
9 F	0157	3.8	116
	0730	9.1	277
	1407	0.3	9
	2058	10.2	311
10 Sa	0249	3.6	110
	0829	8.8	268
	1457	1.0	30
	2141	9.8	299
11 Su	0338	3.3	101
	0928	8.7	265
	1546	1.8	55
	2219	9.3	283
12 M ○	0423	3.0	91
	1027	8.7	265
	1633	2.6	79
	2253	8.9	271
13 Tu	0505	2.6	79
	1123	8.8	268
	1721	3.2	98
	2324	8.6	262
14 W	0545	2.2	67
	1216	9.0	274
	1809	3.8	116
	2355	8.3	253
15 Th	0624	1.9	58
	1307	9.3	283
	1858	4.3	131

	Time	Height	
	h m	ft	cm
16 F	0026	8.1	247
	0702	1.5	46
	1356	9.5	290
	1946	4.6	140
17 Sa	0059	7.9	241
	0741	1.3	40
	1443	9.7	296
	2032	4.9	149
18 Su	0132	7.8	238
	0820	1.0	30
	1529	9.8	299
	2116	5.2	158
19 M	0205	7.8	238
	0859	0.8	24
	1613	9.8	299
	2159	5.4	165
20 Tu ◑	0239	7.9	241
	0940	0.7	21
	1657	9.8	299
	2240	5.5	168
21 W	0317	8.0	244
	1022	0.5	15
	1738	9.7	296
	2321	5.4	165
22 Th	0402	8.2	250
	1108	0.5	15
	1816	9.7	296
23 F	0004	5.1	155
	0456	8.5	259
	1157	0.6	18
	1851	9.7	296
24 Sa	0047	4.5	137
	0559	8.7	265
	1248	0.9	27
	1925	9.7	296
25 Su	0133	3.6	110
	0707	9.0	274
	1342	1.3	40
	2001	9.8	299
26 M	0222	2.6	79
	0819	9.3	283
	1440	1.9	58
	2040	9.8	299
27 Tu ●	0314	1.4	43
	0935	9.7	296
	1540	2.5	76
	2125	9.9	302
28 W	0409	0.3	9
	1049	10.3	314
	1643	3.1	94
	2215	9.9	302
29 Th	0505	–0.6	–18
	1158	10.9	332
	1746	3.5	107
	2310	9.9	302
30 F	0603	–1.3	–40
	1304	11.4	347
	1850	3.7	113

Time meridian 135° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

Port Moller, Bristol Bay, Alaska, 2011

Times and Heights of High and Low Waters

October

	Time	Height			Time	Height	
	h m	ft	cm		h m	ft	cm
1 Sa	0009	9.8	299	**16** Su	0650	0.8	24
	0702	–1.7	–52		1418	10.4	317
	1407	11.8	360		2016	5.5	168
	1953	3.8	116				
2 Su	0112	9.7	296	**17** M	0027	7.2	219
	0802	–1.8	–55		0730	0.6	18
	1506	11.9	363		1459	10.4	317
	2054	3.7	113		2059	5.4	165
3 M ◐	0216	9.6	293	**18** Tu	0109	7.3	223
	0901	–1.6	–49		0811	0.5	15
	1603	11.9	363		1538	10.4	317
	2154	3.5	107		2139	5.3	162
4 Tu	0321	9.5	290	**19** W ◑	0158	7.4	226
	1000	–1.2	–37		0855	0.6	18
	1659	11.7	357		1615	10.4	317
	2253	3.3	101		2218	5.0	152
5 W	0425	9.4	287	**20** Th	0253	7.6	232
	1058	–0.6	–18		0940	0.7	21
	1752	11.4	347		1650	10.3	314
	2350	3.0	91		2258	4.5	137
6 Th	0529	9.2	280	**21** F	0355	7.8	238
	1155	0.1	3		1029	1.0	30
	1841	10.9	332		1722	10.2	311
					2340	3.7	113
7 F	0045	2.7	82	**22** Sa	0503	8.1	247
	0633	9.0	274		1122	1.6	49
	1251	1.0	30		1754	10.2	311
	1927	10.4	317				
8 Sa	0137	2.4	73	**23** Su	0024	2.7	82
	0734	8.9	271		0613	8.5	259
	1344	1.8	55		1219	2.2	67
	2008	9.8	299		1828	10.2	311
9 Su	0224	2.1	64	**24** M	0110	1.5	46
	0835	8.9	271		0723	9.1	277
	1435	2.7	82		1319	2.9	88
	2045	9.2	280		1904	10.2	311
10 M	0307	1.9	58	**25** Tu	0158	0.4	12
	0934	9.0	274		0834	9.7	296
	1526	3.5	107		1421	3.6	110
	2118	8.6	262		1946	10.1	308
11 Tu ○	0347	1.6	49	**26** W ●	0249	–0.7	–21
	1029	9.2	280		0943	10.4	317
	1616	4.2	128		1525	4.2	128
	2148	8.1	247		2033	10.0	305
12 W	0425	1.4	43	**27** Th	0343	–1.5	–46
	1120	9.5	290		1050	11.1	338
	1706	4.8	146		1630	4.5	137
	2217	7.7	235		2129	9.8	299
13 Th	0500	1.3	40	**28** F	0439	–2.0	–61
	1207	9.8	299		1153	11.7	357
	1755	5.1	155		1735	4.6	140
	2246	7.4	226		2231	9.5	290
14 F	0536	1.1	34	**29** Sa	0537	–2.2	–67
	1252	10.0	305		1253	12.1	369
	1844	5.3	162		1839	4.4	134
	2317	7.2	219		2338	9.3	283
15 Sa	0612	0.9	27	**30** Su	0636	–2.2	–67
	1336	10.2	311		1351	12.3	375
	1931	5.4	165		1941	4.1	125
	2351	7.2	219				
				31 M	0048	9.1	277
					0736	–1.9	–58
					1445	12.4	378
					2042	3.6	110

November

	Time	Height			Time	Height	
	h m	ft	cm		h m	ft	cm
1 Tu	0158	9.0	274	**16** W	0026	7.0	213
	0835	–1.3	–40		0733	0.3	9
	1537	12.3	375		1502	10.9	332
	2140	3.1	94		2116	4.9	149
2 W ◐	0307	8.9	271	**17** Th	0136	7.1	216
	0932	–0.6	–18		0819	0.6	18
	1627	12.0	366		1534	10.9	332
	2236	2.6	79		2156	4.2	128
3 Th	0415	8.8	268	**18** F ◑	0250	7.2	219
	1029	0.3	9		0908	1.1	34
	1714	11.6	354		1605	10.9	332
	2331	2.1	64		2236	3.2	98
4 F	0522	8.7	265	**19** Sa	0404	7.5	229
	1125	1.4	43		1000	1.9	58
	1758	11.0	335		1636	10.8	329
					2319	2.1	64
5 Sa	0023	1.6	49	**20** Su	0517	8.0	244
	0628	8.8	268		1057	2.8	85
	1221	2.4	73		1708	10.7	326
	1838	10.3	314				
6 Su	0110	1.2	37	**21** M	0004	0.9	27
	0731	9.0	274		0628	8.7	265
	1315	3.4	104		1159	3.7	113
	1913	9.6	293		1743	10.6	323
7 M	0153	0.9	27	**22** Tu	0051	–0.3	–9
	0832	9.2	280		0736	9.4	287
	1409	4.3	131		1303	4.5	137
	1944	8.9	271		1822	10.5	320
8 Tu	0233	0.7	21	**23** W	0140	–1.4	–43
	0929	9.5	290		0842	10.2	311
	1502	5.0	152		1407	5.0	152
	2011	8.3	253		1907	10.3	314
9 W	0309	0.5	15	**24** Th ●	0231	–2.1	–64
	1021	9.8	299		0946	10.9	332
	1554	5.5	168		1512	5.4	165
	2035	7.8	238		1958	10.1	308
10 Th ○	0344	0.5	15	**25** F	0324	–2.5	–76
	1108	10.1	308		1047	11.5	351
	1646	5.9	180		1617	5.4	165
	2055	7.4	226		2056	9.7	296
11 F	0418	0.4	12	**26** Sa	0419	–2.7	–82
	1151	10.3	314		1144	11.9	363
	1735	6.1	186		1721	5.2	158
	2117	7.2	219		2202	9.3	283
12 Sa	0452	0.3	9	**27** Su	0516	–2.5	–76
	1233	10.5	320		1238	12.2	372
	1823	6.1	186		1823	4.8	146
	2148	7.1	216		2314	8.9	271
13 Su	0528	0.2	6	**28** M	0613	–2.1	–64
	1312	10.7	326		1331	12.3	375
	1910	6.0	183		1925	4.2	128
	2232	7.0	213				
14 M	0607	0.2	6	**29** Tu	0027	8.6	262
	1351	10.8	329		0710	–1.5	–46
	1954	5.8	177		1420	12.3	375
	2325	7.0	213		2024	3.5	107
15 Tu	0648	0.2	6	**30** W	0140	8.4	256
	1427	10.9	332		0806	–0.6	–18
	2036	5.5	168		1507	12.2	372
					2120	2.8	85

December

	Time	Height			Time	Height	
	h m	ft	cm		h m	ft	cm
1 Th	0252	8.3	253	**16** F	0138	7.1	216
	0901	0.3	9		0754	1.0	30
	1551	11.9	363		1452	11.1	338
	2214	2.0	61		2128	3.0	91
2 F ◐	0401	8.3	253	**17** Sa ◑	0259	7.4	226
	0956	1.4	43		0847	1.9	58
	1632	11.4	347		1524	11.1	338
	2305	1.4	43		2212	1.7	52
3 Sa	0509	8.5	259	**18** Su	0415	7.9	241
	1051	2.6	79		0944	2.9	88
	1711	10.8	329		1557	11.0	335
	2352	0.8	24		2258	0.5	15
4 Su	0616	8.7	265	**19** M	0528	8.5	259
	1148	3.7	113		1045	3.9	119
	1747	10.1	308		1633	10.9	332
					2346	–0.6	–18
5 M	0037	0.4	12	**20** Tu	0637	9.2	280
	0718	9.1	277		1149	4.8	146
	1244	4.6	140		1713	10.8	329
	1819	9.4	287				
6 Tu	0118	0.1	3	**21** W	0036	–1.6	–49
	0816	9.4	287		0741	9.9	302
	1340	5.4	165		1255	5.4	165
	1847	8.8	268		1757	10.6	323
7 W	0156	–0.1	–3	**22** Th	0126	–2.2	–67
	0910	9.7	296		0842	10.6	323
	1433	6.0	183		1358	5.7	174
	1911	8.3	253		1846	10.3	314
8 Th	0232	–0.1	–3	**23** F	0218	–2.6	–79
	1000	10.0	305		0941	11.0	335
	1525	6.4	195		1501	5.8	177
	1928	7.9	241		1940	10.0	305
9 F	0306	–0.2	–6	**24** Sa ●	0311	–2.7	–82
	1045	10.2	311		1037	11.4	347
	1614	6.6	201		1603	5.7	174
	1944	7.7	235		2040	9.5	290
10 Sa ○	0340	–0.2	–6	**25** Su	0404	–2.5	–76
	1127	10.4	317		1129	11.7	357
	1702	6.7	204		1704	5.3	162
	2010	7.6	232		2147	9.1	277
11 Su	0415	–0.3	–9	**26** M	0458	–2.1	–64
	1205	10.6	323		1218	11.8	360
	1748	6.6	201		1804	4.8	146
	2051	7.5	229		2258	8.7	265
12 M	0453	–0.3	–9	**27** Tu	0551	–1.4	–43
	1241	10.8	329		1305	11.9	363
	1834	6.3	192		1903	4.1	125
	2148	7.3	223				
13 Tu	0533	–0.3	–9	**28** W	0011	8.3	253
	1316	10.9	332		0644	–0.6	–18
	1918	5.8	177		1349	11.8	360
	2256	7.2	219		2000	3.3	101
14 W	0617	–0.1	–3	**29** Th	0123	8.1	247
	1349	11.1	338		0738	0.4	12
	2002	5.1	155		1431	11.6	354
					2053	2.4	73
15 Th	0014	7.1	216	**30** F	0234	8.1	247
	0704	0.3	9		0831	1.4	43
	1421	11.1	338		1510	11.3	344
	2045	4.1	125		2142	1.7	52
				31 Sa	0343	8.2	250
					0925	2.5	76
					1548	10.8	329
					2230	1.0	30

Time meridian 135° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

CORRECTIONS TO C. G. LIGHT LIST, VOLUME I ATLANTIC COAST, 2011

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks	
18012	*USN Gould Island Lighted Buoy A*						*Remove from list.*	
							*	27/11
18035	- Buoy E	41 33 38 N 71 21 03 W				Yellow.	Private aid.	
		*						27/11
18050	- Buoy H	41 34 22 N 71 20 27 W				Yellow.	Private aid.	
		*						27/11
18915	*- Lighted Buoy 2*	41 42 23 N 71 11 04 W	**Fl R** 4s			Red.	Private aid.	
	*	*	*			*		27/11
30820	*-Junction Lighted Buoy SI*	40 50 41 N 72 29 48 W	**Fl (2+1) G** 6s		4	Green and red bands.	Replaced by can when endangered by ice.	
							*	27/11
32085	- LIGHT 11	40 35 50 N 73 38 39 W	**Fl G** 4s	16	4	SG on pile.		
					*			27/11

CORRECTIONS TO C. G. LIGHT LIST, VOLUME II ATLANTIC COAST, 2011

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks	
9315	*- Lighted Buoy 21*	37 00 04 N 76 17 02 W	**Q G**		6	Green.		
					*			27/11
9620	*- Channel Lighted Buoy 20*	36 53 33 N 76 20 15 W	**Fl R** 4s		6	Red.		
		*			*			27/11
9850	*- Channel Lighted Buoy 33*	36 51 38 N 76 18 53 W	**Fl G** 4s		6	Green.		
		*			*			27/11
*29133	*- Lighted Wreck Buoy WR4A*	34 38 05 N 76 32 52 W	**Q R**		3	Red.		
								27/11
30580	*- Lighted Buoy 7S*	33 59 52 N 77 57 14 W	**Q G**		4	Green.		
					*			27/11
30586	*- Lighted Buoy 9S*	34 00 01 N 77 57 13 W	**Fl G** 2.5s		4	Green.		
					*			27/11

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, 2011

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks	
30588	*- Lighted Buoy 10S*	34 00 00 N 77 57 07 W	**Fl R** 2.5s		4	Red.		
					*			27/11
31390 37045	- ENTRANCE LIGHT PR On east part of shoal off point.	36 09 22 N 75 58 39 W	**Fl W** 2.5s	23	12	NB on multi-pile structure.		
		*			*			27/11
37045 31390	PASQUOTANK RIVER ENTRANCE LIGHT PR On east part of shoal off point.	36 09 22 N 75 58 39 W	**Fl W** 2.5s	23	12	NB on multi-pile structure.		
		*			*			27/11

CORRECTIONS TO C. G. LIGHT LIST, VOLUME III ATLANTIC AND GULF COAST, 2011

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks	
2795	CLOUTER CREEK REACH RANGE FRONT LIGHT	32 50 55 N 79 55 39 W	**Q W**	22		Skeleton tower on piles.	Visible 1.5° each side of rangeline. Lighted throughout 24 hours.	
		*		*				27/11
2800	COUTER CREEK REACH RANGE REAR LIGHT 133 yards, 113° from front light.	32 50 53 N 79 55 35 W	**Iso W** 6s	38		Skeleton tower on piles.	Visible 1.5° each side of rangeline. Lighted throughtout 24 hours.	
*		*		*				27/11
3325	*Wando River Terminal Lighted Buoy 7A*	32 50 07 N 79 53 47 W	**Fl G** 4s		3	Green.	Marks Turning Basin.	
		*						27/11
3947	- Buoy 3A						*Remove from list.*	
							*	27/11
6435	RACOON KEY SPIT LIGHT 2	31 00 21 N 81 26 14 W	**Fl R** 2.5s	16	5	TR on pile.		
					*			27/11
35900	- LIGHT 10	32 03 50 N 80 59 42 W	**Q R**	16	4	TR-TY on dolphin.		
					*			27/11
35915	- LIGHT 15	32 04 15 N 81 00 28 W	**Fl G** 4s	16	5	SG-SY on pile.		
					*			27/11
35965	- LIGHT 19	32 04 24 N 81 00 42 W	**Fl G** 4s	16	5	SG-SY on pile.		
					*			27/11

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, 2011

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks	
35995	- LIGHT 25	32 03 57 N 81 01 20 W	**Fl G** 4s	12	5	SG-SY on pile.		
					*			27/11
36010	- LIGHT 30	32 03 00 N 81 01 47 W	**Q R**	12	4	TR-TY on pile.		
					*			27/11

CORRECTIONS TO C. G. LIGHT LIST, VOLUME IV GULF OF MEXICO, 2011

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks	
9035	- LIGHT 18	30 23 24 N 88 53 01 W	**Fl R** 2.5s	17	3	TR on pile.	Ra ref.	
		*						27/11
37005	- A RANGE FRONT LIGHT	29 10 25 N 95 06 45 W	**Q W**	15		KRW-I on pile.	For eastbound traffic. Visible all around; higher intensity on rangeline.	
		*		*				27/11
37010	- A RANGE REAR LIGHT 703 yards, 055.4° from front light	29 10 40 N 95 06 21 W	**Iso W** 6s	32		KRW-I on skeleton tower on piles.	Visible all around; higher intensity on rangeline.	
				*				27/11

CORRECTIONS TO C. G. LIGHT LIST, VOLUME VI PACIFIC COAST AND PACIFIC ISLANDS, 2011

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks	
*181.2	*Scripps Waverider Lighted Research Buoy 182*	33 49 17 N 119 42 30 W	**Fl (5) Y** 20s			Yellow sphere with whip antenna.	Private aid.	
								27/11
12306	TIDEWATER MOORING BARGE LIGHT A	45 40 10 N 120 50 40 W	**Fl Y** 10s	13		On mooring barge.	Private aid.	
		*						27/11
12311	TIDEWATER MOORING BARGE LIGHT B	45 40 08 N 120 50 43 W	**Fl Y** 10s	13		On mooring barge.	Private aid.	
		*						27/11
15345	-WILLAPA RIVER LIGHT 40	46 41 11 N 123 49 08 W	**Fl R** 4s	15	3	TR on pile.		
		*		*				27/11
15430	- Daybeacon 12	46 32 46 N 123 59 09 W				TR on pile.		
		*						27/11
15445	NAHCOTTA MOORING BASIN LIGHT 2	46 30 06 N 124 01 26 W	**Fl R** 4s	15	4	TR on pile structure.	Higher intensity beam down channel.	
		*						27/11

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, 2011

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
15450	NAHCOTTA MOORING BASIN LIGHT 1	46 30 02 N 124 01 29 W	**Q G**	15	4	SG on pipe.	
		*					27/11
19065	SHELL OIL COMPANY WHARF LIGHT A	48 30 35 N 122 34 55 W	**F Y**	25		Mooring platform.	Private aid.
	*	*	*				* 27/11
*19067	SHELL OIL COMPANY WHARF LIGHT B	48 30 33 N 122 34 39 W	**F Y**			Mooring platform.	Private aid.
							27/11
25465	GRASS ISLAND BAR CHANNEL LIGHT G	60 15 19 N 145 18 03 W	**Fl W** 6s	12	5	NR on skeleton tower.	Maintained from May 1 to Oct. 1.
		*					27/11
25470	PETER DAHL BAR CHANNEL LIGHT P	60 18 24 N 145 32 43 W	**Fl W** 2.5s	12	5	NR on skeleton tower.	Maintained from May 1 to Oct. 1.
		*					27/11
25483	POINT BENTINCK LIGHT	60 23 34 N 146 05 33 W	**Fl W** 4s	47	6	NR on skeleton tower.	
		*					27/11
26253	*NOAA Data Lighted Buoy 46108*	59 45 36 N 152 05 24 W	**Fl(4)Y**20s			Yellow sphere-shaped buoy, 3-foot diameter.	Aid maintained by NOAA
	*	*				*	27/11
27150	*Moss Cape Lighted Buoy 4*	55 07 07 N 161 56 15 W	**Fl R** 6s		4	Red.	
		*					27/11
27839	- Buoy 6	59 43 50 N 162 19 46 W				Red nun.	Maintained from June 1 to October 1.
		*					27/11
27840	- Buoy 8	59 46 50 N 162 19 28 W				Red nun.	Maintained from June 1 to October 1.
		*					27/11
27844	- Buoy 13	59 59 40 N 162 21 44 W				Green can.	Maintained from June 1 to October 1.
		*					27/11
27844.5	- Buoy 15	59 59 53 N 162 24 27 W				Green can.	Maintained from June 1 to October 1.
		*					27/11
27845.7	- Buoy 20	60 07 39 N 162 26 50 W				Red nun.	Maintained from June 1 to October 1.
		*					27/11

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, 2011

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
27846.5	- Buoy 23	60 11 10 N 162 21 41 W *				Green can.	Maintained from June 1 to October 1. 27/11
27847	- Buoy 25	60 13 17 N 162 20 52 W *				Green can.	Maintained from June 1 to October 1. 27/11
27847.5	- Buoy 27	60 15 00 N 162 23 14 W *				Green can.	Maintained from June 1 to October 1. 27/11
27848	- Buoy 29	60 16 52 N 162 28 33 W *				Green can.	Maintained from June 1 to October 1. 27/11
27848.2	- Buoy 30	60 18 43 N 162 30 01 W *				Red nun.	Maintained from June 1 to October 1. 27/11
27848.7	- Buoy 32	60 20 00 N 162 30 10 W *				Red nun.	Maintained from June 1 to October 1. 27/11
27849.2	- Buoy 34	60 20 53 N 162 28 57 W *				Red nun.	Maintained from June 1 to October 1. 27/11
27849.7	- Buoy 36	60 21 09 N 162 27 49 W *				Red nun.	Maintained from June 1 to October 1. 27/11
27850.5	- Buoy 39	60 21 30 N 162 20 46 W *				Green can.	Maintained from June 1 to October 1. 27/11
27851	- Buoy 41	60 22 11 N 162 19 59 W *				Green can.	Maintained from June 1 to October 1. 27/11
27851.2	- Buoy 42	60 23 38 N 162 21 14 W *				Red nun.	Maintained from June 1 to October 1. 27/11
27851.7	- Buoy 44	60 24 53 N 162 21 56 W *				Red nun.	Maintained from June 1 to October 1. 27/11
27852	- Buoy 45	60 25 31 N 162 21 36 W *				Green can.	Maintained from June 1 to October 1. 27/11

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CORRECTIONS TO C. G. LIGHT LIST, VOLUME VI PACIFIC COAST AND PACIFIC ISLANDS, 2011

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
27852.2	- Buoy 46	60 26 30 N 162 20 21 W				Red nun.	Maintained from June 1 to October 1.
		*					27/11
27852.5	- Buoy 47	60 27 48 N 162 18 28 W				Green can.	Maintained from June 1 to October 1.
		*					27/11
27853	- Buoy 49	60 28 25 N 162 17 22 W				Green can.	Maintained from June 1 to October 1.
		*					27/11

CORRECTIONS TO C. G. LIGHT LIST, VOLUME VII GREAT LAKES AND THE ST. LAWRENCE RIVER ABOVE THE ST. REGIS RIVER, 2011

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
4620	*- Lighted Buoy 10*	41 29 23 N 82 41 50 W	**Fl R** 2.5s		4	Red.	Replaced by nun from Dec. 7 to Apr. 14.
					*		27/11
4650	*- Lighted Buoy 13*	41 28 32 N 82 42 06 W	**Fl G** 4s		4	Green.	Replaced by can from Dec. 7 to Apr. 14.
					*		27/11
4655	*- Lighted Buoy 14*	41 28 33 N 82 42 12 W	**Fl R** 2.5s		4	Red.	Replaced by nun from Dec. 7 to Apr. 14.
					*		27/11
4660	*Sandusky Exit Channel Junction Lighted Buoy E*	41 28 23 N 82 42 16 W	**Fl (2+1) R** 6s		4	Red and green bands.	Replaced by nun from Dec. 7 to Apr. 14.
					*		27/11
4670	*- Lighted Buoy 16*	41 27 53 N 82 42 28 W	**Fl R** 2.5s		4	Red.	Replaced by nun from Dec. 7 to Apr. 14.
					*		27/11

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, 2011 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks	
14960 *J 5784*	- -**Baie du Carenage Range, front.**	14° 36.3′ N 61° 03.7′ W	**Iso.G.** period 4s	135 **41**	**18**	Black and white metal framework tower, red rectangular daymark, black bands; 39.	Intensified 001°-007°.	
	*				*	*		27/11
14964 *J 5784.1*	- - -**Rear, 145 meters 004° from front.**	14° 36.3′ N 61° 03.7′ W	**Iso.G.** period 4s	164 **50**	**18**	Black and white metal framework tower, red rectangular daymark, black bands; 46.	Synchronized with front. Intensified 001°-007°.	
	*				*	*		27/11
17160 *J 6502*	-**Cabo de la Isla.**	11° 10.5′ N 63° 53.1′ W	**Fl.W.** period 5s fl. 1s, ec. 4s	230 **70**	**19**	White fiberglass tower, orange bands; 53.		
	*		*	*	*	*		27/11

CORRECTIONS TO PUB 111, LIST OF LIGHTS, 2010 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks	
202.7	-Aguacate.						*Remove from list.*	
							*	27/11

CORRECTIONS TO PUB 112, LIST OF LIGHTS, 2010 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks	
14916 *F 2457*	**Tacloban.**	11° 15.1′ N 125° 00.3′ E	**Fl.R.** period 5s	52 **16**	**15**	White structure on top of building.	Visible 031°-322°, obscured by Dio Island 309°-311°.	
			*					27/11
24196 *F 1927*	Kuala Niah.	3° 58.0′ N 113° 42.3′ E	**Fl.W.** period 6s	16 **5**	5	White triangular daymark, point up.		
	*	*	*		*			27/11
24200 *F 1927.1*	- -Rear, 31 meters 125° from front.						*Remove from list.*	
							*	27/11

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 27/11

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

NGA Reference No.	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;2,3,4,8,10,11,13,14,15,16,17,18,19,20,21,22,23,27/11
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;7,8,9,10,14,15,18,19,21,23,26,27/11
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;14,18,21,26/11
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;7,8,9,11,15,16,17,18,21,23,27/11
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;9,10,14,15,17,20,21,22/11
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;9,10,11/11
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;9,17/11
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;9,10,11,12,18,21,22/11
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;1,3,4,6,7,10,13,17,18,19,21,22,24,26,27,29,30,31,32,33,34,35,36,37,38,39,40,43,44,45,46,47,48,49,50,51,52/07;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;3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27/11
NGA LIST OF LIGHTS		
LLPUB110	2011	18*,23,24,25,26,27/11
LLPUB111	2010	37*,38,39,40,41,45,46,47,48,49,51,52/10;3,4,6,7,8,10,11,12,13,15,16,18,19,20,21,22,25,26,27/11
LLPUB112	2010	47*,49,50,51,52/10;1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,19,20,21,22,23,24,26,27/11
LLPUB113	2010	44*,45,47,48,49,50,51,52/10;1,2,3,4,5,6,7,8,9,10,11,12,13,14,16,17,18,19,20,22,23,25,26/11
LLPUB114	2011	23/11*
LLPUB115	2010	38*,41,44,47,51/10;1,3,4,5,7,9,12,13,14,15,16,17,18,19,20,21,26/11
LLPUB116	2010	31*,32,33,34,36,37,39,41,42,43,44,45,46,47,48,52/10;1,2,3,4,6,10,13,14,17,18,22,23/11
SAILING DIRECTIONS		
PUB120	2011	10/11*
PUB123	2011	15/11*
PUB124	2010	25/10*
PUB125	2010	22/10*
PUB126	2010	42/10*
PUB127	2010	46/10*
PUB131	2011	26/11*
PUB132	2010	9/11*
PUB140	2011	15/11*
PUB141	2010	28/10*
PUB142	2009	4/09*
PUB143	2010	36/10*

PUBLICATIONS AFFECTED BY NOTICE TO MARINERS
THROUGH NM 27/11

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

NGA Reference No.	Ed.	Notice to Mariners No.
PUB145	2011	7/11*
PUB146	2011	21/11*
PUB147	2010	10/10*
PUB148	2011	12/11*
PUB153	2010	35/10*
PUB154	2010	23/10*
PUB155	2009	31/09*
PUB157	2010	30/10*
PUB158	2011	17/11*
PUB159	2011	22/11*
PUB160	2011	11/11*
PUB161	2011	10/11*
PUB162	2010	9/10*
PUB163	2009	28/09*
PUB164	2009	20/09*
PUB171	2010	17/10*
PUB172	2011	6/11*
PUB173	2011	21/11*
PUB174	2010	40/10*
PUB175	2010	32/10*
PUB180	2011	20/11*
PUB181	2010	46/10*
PUB182	2010	36/10*
PUB183	2011	22/11*
PUB191	2010	43/10*
PUB192	2010	19/10*
PUB193	2010	37/10*
PUB194	2009	50/10*
PUB195	2010	20/11*
PUB200	2011	13/11*
USCG LIGHT LIST VOLUMES I - VII		
COMDTM165021	2011	12*,13,14,15,16,17, 18,19,20,21,22,23, 24,25,26,27/11
COMDTM165022	2011	12*,13,14,15,16,17, 18,19,20,21,22,23, 24,25,26,27/11
COMDTM165023	2011	12*,13,14,15,16,17, 18,19,20,21,22,23, 24,25,26,27/11
COMDTM165024	2011	16*,17,18,19,20,23, 24,25,27/11
COMDTM165025	2010	17/10*
COMDTM165026	2011	12*,13,14,15,16,17, 18,19,20,21,22,23, 24,25,26,27/11
COMDTM165027	2011	15*,16,17,18,19,21, 22,23,24,25,27/11
DIGITAL PUBS - QUARTERLY		
CDPUBQTLY	2011	N21/11*
FLEET GUIDES		
FGPUBATL	2010	N35/10*
FGPUBPAC	2010	N35/10*
NOS MISCELLANEOUS PUBLICATIONS		
NOSPBCATALOGA	2009	27/09*
NOSPBCATALOGG	2009	9/09*
NOSPBCATALOGK	2009	31/09*
NOSPBCATALOGL	2009	19/09*
NOSPBCATALOGP	2009	17/09*
ALMANACS		
AIRALMANAC111	2011	30/10*
NAUTALMANAC12	2012	25/11*
COAST PILOT		
NOSPBCP1	41	19*,27/11
NOSPBCP2	40	47*,48,51,52/10;8, 13,20,23,27/11
NOSPBCP3	44	8*,10,12,13,15,20, 24/11
NOSPBCP4	42	40*,42,45,48/10;8, 10,12,20,22,24/11
NOSPBCP5	39	24*,27/11
NOSPBCP6	41	12*,15,16,20,27/11
NOSPBCP7	43	3*,8,9,10,12,13,15, 20,22,27/11
NOSPBCP8	32	31*,32,34,37,45/10; 8,12,22/11
NOSPBCP9	28	37*,38,45,51/10;8, 12,14,20,22,27/11

NGA Reference No.	Ed.	Notice to Mariners No.
RADIO NAVIGATIONAL AIDS		
PUB117	2005	4/05*
AMERICAN PRACTICAL NAVIGATOR		
NVPUB9	2002	36/02*;14,38/03; 40/05
INTERNATIONAL CODE OF SIGNALS		
PUB102	2003	20/03*
WORLD PORT INDEX		
PUB150	2011	12/11*
DISTANCES BETWEEN PORTS		
NVPUB151	2001	4/02*
RADAR NAVIGATION AND MANEUVERING BOARD MANUAL		
CDPUBNV1310	2001	51/01*
SIGHT REDUCTION TABLES (MARINE)		
SRPUB229V1	1970	11/71*
SRPUB229V2	1970	11/71*
SRPUB229V3	1970	7/71*
SRPUB229V4	1970	3/71*
SRPUB229V5	1970	3/71*
SRPUB229V6	1970	23/70*
SIGHT REDUCTION TABLES (AIR)		
SRPUB249V1	2007	38/07*
SRPUB249V2	1952	46/52*
SRPUB249V3	1952	46/52*
CHART NO. 1		
WOBZC1	1997	18/98*
CHART NO. 4		
WOBZC4	1988	N23/91*
ATLAS OF PILOT CHARTS		
NVPUB106	2002	42/03*
NVPUB107	1998	30/99*
NVPUB109	2001	49/02*
USCG NAVIGATION RULES		
COMDTM166722D	1999	44/99*;52/00;16/04
NOS TIDE TABLES		
NOSPBTTCWPACIN1	2011	N4/11*
NOSPBTTECSTNSA1	2011	N4/11*
NOSPBTTEURAFR1	2011	N4/11*
NOSPBTTWCSTNSA1	2011	N4*,N27/11
TIDAL CURRENT TABLES		
NOSPBTCTATCSTN1	2011	N4/11*
NOSPBTCTPACAS1	2011	N4/11*

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 231230Z June 2011:

2010 series	119(28)	178(28)	184(11)	204(51)
345(24)	174(15,38)	179(56)	195(12)	
2011 series	176(28)	182(11)	199(GEN)	

The summary of all NAVAREA IV messages in force as of 16 December 2010 is given in Section III of NM 52/10. Warnings issued during the subsequent quarters are issued in NM 13/11 and 26/11.

NAVAREA IV WARNINGS issued from 161130Z to 231230Z June 2011.

198/11. CANCELED.

199/11(GEN).
1. NAVAREA IV WARNINGS IN FORCE 180800Z JUN 11. ONLY THOSE WARNINGS ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN. 2011 SERIES: 164(GEN), 174(15,38), 176(28), 177(28), 178(28), 179(56), 182(11), 184(11), 195(12), 198(12,13).
2. THE SUMMARY OF ALL NAVAREA IV WARNINGS IN FORCE AS OF 16 DEC 2010 IS GIVEN IN SEC III OF NM 52/10. WARNINGS ISSUED DURING THE SUBSEQUENT QUARTERS ARE SUMMARIZED IN NM 13/11 AND 26/11.
3. CANCEL NAVAREA IV 193/11.

(180827Z JUN 2011)

200/11 thru 203/11. CANCELED.

204/11(51).
NORTH ATLANTIC.
AZORES.
1. SURVEY OPERATIONS 25 JUN THRU 03 JUL BY M/V LE SUROIT IN AREA BOUND BY 37-04.81N 031-55.21W, 39-25.28N 034-06.38W, 37-35.57N 038-21.61W, 32-27.17N 032-27.30W, 36-15.03N 029-19.85W. WIDE BERTH REQUESTED.
2. CANCEL THIS MSG 04 JUL.

(222353Z JUN 2011)

HYDROLANTS

Messages in force 231230Z June 2011:

2008 series	2534(54)	770(57)	881(56)	974(37)	1022(24)
1354(24)	2011 series	771(56)	886(24)	975(35,37,43)	1023(24)
1463(24)	109(GEN)	787(37)	890(55)	977(24)	1024(24)
1852(37)	232(37)	794(37)	895(37)	978(43)	1025(24)
1917(24)	234(37)	807(23,24)	899(54)	993(57)	1028(55)
2010 series	323(22,23)	808(35)	907(GEN)	998(24)	1029(36)
845(24)	333(36)	809(GEN)	909(24,25)	1000(37)	1032(24)
914(37)	382(37)	811(37)	914(35,43)	1002(37)	1033(GEN)
996(24)	391(37)	842(GEN)	916(11)	1006(22,23)	1034(51)
1984(54,56)	409(37)	845(43)	917(GEN)	1008(GEN)	1035(51)
2256(24)	469(37)	846(11)	935(57)	1013(57)	
2529(54)	483(24)	853(24)	940(55)	1015(35)	
2530(54)	535(36,37)	854(24)	942(55)	1018(GEN)	
2531(54)	587(GEN)	863(24)	943(37)	1019(37)	
2532(54)	705(43)	873(24)	947(24)	1020(36)	
2533(54)	715(51)	879(24)	967(24)	1021(24)	

The summary of all HYDROLANTS in force as of 16 December 2010 is given in Section III of NM 52/10. Warnings issued during the subsequent quarters are issued in NM 13/11 and 26/11.

HYDROLANT WARNINGS issued from 161130Z to 231230Z June 2011.

1003/11 thru 1005/11. CANCELED.

1006/11(22,23).
WESTERN SOUTH ATLANTIC.
ARGENTINA.
DRILLING OPERATIONS IN PROGRESS UNTIL FURTHER
NOTICE BY M/V STENA DRILMAX I IN 53-44S 062-38W.
THREE MILE BERT REQUESTED.

(171844Z JUN 2011)

1007/11. CANCELED.

1008/11(GEN).
1. HYDROLANT WARNINGS IN FORCE 180800Z JUN 11. ONLY THOSE
WARNINGS ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.
2011 SERIES: 787(37), 794(37), 807(23,24), 808(35), 809(GEN),
811(37), 838(24), 842(GEN), 845(43), 846(11), 853(24),
854(24), 863(24), 873(24), 879(24), 881(56), 886(24),
890(55), 895(37), 899(54), 907(GEN), 909(24,25), 914(35,43),
916(11), 917(GEN), 935(57), 940(55), 942(55), 943(37),
947(24), 956(24), 967(24), 974(37), 975(35,37,43), 977(24),
978(43), 984(24), 993(57), 995(24), 996(24), 997(24),
998(24), 1000(37), 1002(37), 1006(22,23), 1007(51).
2. THE SUMMARY OF ALL HYDROLANT WARNINGS IN FORCE AS OF
16 DEC 2010 IS GIVEN IN SEC III OF NM 52/10.
WARNINGS ISSUED DURING THE SUBSEQUENT QUARTERS
ARE SUMMARIZED IN NM 13/11 AND 26/11.
3. CANCEL HYDROLANT 753/11, 754/11, 758/11,
762/11, 765/11, 774/11, 834/11, 888/11,
892/11, 928/11, 962/11, 963/11, 964/11,
970/11, 973/11.

(180830Z JUN 2011)

1009/11 thru 1012/11. CANCELED.

1013/11(57).
EASTERN SOUTH ATLANTIC.
CONGO.
1. CABLE OPERATIONS 20 JUN THRU 03 JUL BY
CABLESHIP ILE DE BREHAT IN AREA BOUND BY
04-36.7S 011-22.1E, 04-39.7S 011-22.7E,
04-38.2S 011-33.1E, 04-35.1S 011-32.4E.
ONE MILE BERTH REQUESTED.
2. CANCEL THIS MSG 04 JUL.

(190830Z JUN 2011)

1014/11. CANCELED.

1015/11(35).
EASTERN NORTH ATLANTIC.
SCOTLAND-WEST COAST.
HAZARDOUS OPERATIONS.
1. HAZARDOUS OPERATIONS 1000Z TO 1900Z DAILY
20 JUN THRU 01 JUL WITHIN 43 MILES OF:
A. 57-54.8N 009-57.9W.
B. 57-23.0N 009-04.1W.
2. CANCEL THIS MSG 012000Z JUL.

(191512Z JUN 2011)

1016/11 and 1017/11. CANCELED.

1018/11(GEN).
EUROPE-NORTHWEST COAST.
1. LORAN-C CHAIN LESSAY, RATES 6731 AND 7499
OFF AIR 0630Z TO 1600Z DAILY 22 AND 23 JUN.
2. CANCEL THIS MSG 231700Z JUN.

(200412Z JUN 2011)

1019/11(37).
SOUTHERN NORTH SEA.
NGA CHART 37059 (0 ED).
ALL NAVIGATIONAL AIDS AT PLATFORM 48/20
53-26.93N 001-53.03E INOPERATIVE.

(200643Z JUN 2011)

1020/11(36).
WALES-NORTHWEST COAST.
NGA CHART 36025 (1ST ED).
1. DGPS STATION AT POINT LYNAS LIGHT 53-25.0N 004-17.3W
OFF AIR 0800Z TO 1600Z DAILY 21 THRU 23 JUN.
2. CANCEL HYDROLANT 642/10(35).
3. CANCEL THIS MSG 231700Z JUN.

(201700Z JUN 2011)

1021/11(24).
BRAZIL-SOUTH COAST.
1. OCEANOGRAPHIC OPERATIONS IN PROGRESS
UNTIL 15 JUL BY M/V ANTARES
TOWING 20 METER LONG CABLE
IN AREA BETWEEN
23-00S 23-10S AND 042-50W 043-22W.
WIDE BERTH REQUESTED.
2. CANCEL THIS MSG 16 JUL.

(210105Z JUN 2011)

1022/11(24).
BRAZIL-SOUTH COAST.
1. SEISMIC SURVEY 210300Z TO 290259Z JUN
BY M/V RAMFORM SOVEREING TOWING 14
8100 METER LONG CABLES IN AREA BOUND BY
24-30.00S 043-13.00W, 24-30.00S 042-03.00W,
25-14.98S 041-41.33W, 25-38.15S 042-43.18W.
SIX MILE BERTH REQUESTED.
2. CANCEL HYDROLANT 997/11.
3. CANCEL THIS MSG 290359Z JUN.

(210116Z JUN 2011)

1023/11(24).
BRAZIL-SOUTHEAST COAST.
1. SEISMIC SURVEY 210300Z TO 290259Z JUN
BY M/V WESTERN NEPTUNE TOWING 12
3.5 MILE LONG CABLES IN AREA BOUND BY
22-07.8S 040-35.0W, 22-23.5S 040-07.0W,
22-48.0S 040-24.0W, 22-31.5S 040-51.2W.
SIX MILE BERTH REQUESTED.
2. CANCEL THIS MSG 290359Z JUN.

(210123Z JUN 2011)

1024/11(24).
BRAZIL-EAST COAST.
1. SEISMIC SURVEY 210300Z TO 290259Z JUN
BY M/V WESTERN MONARCH TOWING THREE MILE
LONG CABLES IN AREA BOUND BY
19-52.2S 039-53.8W, 19-40.5S 039-37.8W,
20-14.1S 039-08.8W, 20-26.3S 039-24.6W.
SIX MILE BERTH REQUESTED.
2. CANCEL THIS MSG 290359Z JUN.

(210129Z JUN 2011)

1025/11(24).
BRAZIL-SOUTH COAST.
NGA CHART 24150 (27TH ED).
ILHA PONTUDA LIGHT 23-02.3S 043-18.2W UNLIT.

(210138Z JUN 2011)

1026/11 and 1027/11. CANCELED.

1028/11(55).
BLACK SEA.
1. SURVEY OPERATIONS 22 THRU 30 JUN BY
M/V AKADEMIC GOLITSIN IN AREA BOUND BY
43-21.0N 031-07.5E, 43-11.0N 034-14.0E,
43-26.2N 036-11.0E, 43-19.5N 036-29.0E,
42-56.7N 034-00.0E, 42-31.0N 032-00.0E,
42-30.0N 029-50.0E.
WIDE BERTH REQUESTED.
2. CANCEL THIS MSG 01 JUL.

(211233Z JUN 2011)

1029/11(36).
IRELAND-EAST COAST.
NGA CHART 36002 (0 ED).
RACON AT ARKLOW LANBY 52-39.5N 005-58.1W UNRELIABLE.

(211611Z JUN 2011)

1030/11 and 1031/11. CANCELED.

1032/11(24).
URUGUAY-SOUTHEAST COAST.
GUNNERY.
1. GUNNERY EXERCISES 1000Z TO 0001Z COMMENCING DAILY
22 AND 23 JUN IN AREA BOUND BY
34-39.46S 054-08.63W,
34-39.30S 054-07.40W,
34-40.05S 054-08.23W.
2. CANCEL THIS MSG 240101Z JUN.

(220210Z JUN 2011)

1033/11(GEN).
EUROPE-NORTHWEST COAST.
1. LORAN-C STATION BERLEVAG, RATE 7001-Y,
OFF AIR 0700Z TO 1100Z DAILY 23 AND 24 JUN.
2. CANCEL THIS MSG 241200Z JUN.

(221357Z JUN 2011)

1034/11(51).
EASTERN NORTH ATLANTIC.
STRAIT OF GIBRALTAR.
1. CABLE REPAIR OPERATIONS IN PROGRESS UNTIL
FURTHER NOTICE BY CABLESHIP RAYMOND CROZE
WITH SUBMERSIBLE ALONG TRACKLINE JOINING
35-57.5N 006-01.6W, 35-57.8N 006-00.4W,
35-57.8N 005-57.5W, 35-56.1N 005-51.7W,
35-56.9N 005-49.1W, 35-56.9N 005-46.2W,
35-57.7N 005-44.6W, 35-57.7N 005-44.1W.
WIDE BERTH REQUESTED.
2. CANCEL HYDROLANT 1030/11.

(221701Z JUN 2011)

1035/11(51).
NORTH ATLANTIC.
AZORES.
1. SURVEY OPERATIONS 25 JUN THRU 03 JUL BY
M/V LE SUROIT IN AREA BOUND BY
37-04.81N 031-55.21W, 39-25.28N 034-06.38W,
37-35.57N 038-21.61W, 32-27.17N 032-27.30W,
36-15.03N 029-19.85W.
WIDE BERTH REQUESTED.
2. CANCEL THIS MSG 04 JUL.

(222334Z JUN 2011)

1036/11. CANCELED.

NAVAREA XII

Messages in force 231230Z June 2011:

2011 series	65(22)	197(21)	203(56)	215(97)	235(GEN)
47(22)	66(22)	198(21)	207(18)	216(GEN)	

The summary of all NAVAREA XII messages in force as of 16 December 2010 is given in Section III of NM 52/10. Warnings issued during the subsequent quarters are issued in NM 13/11 and 26/11.

NAVAREA XII WARNINGS issued from 161130Z to 231230Z June 2011.

234/11. CANCELED.

235/11(GEN).
1. NAVAREA XII WARNINGS IN FORCE 180800Z JUN 11. ONLY THOSE WARNINGS ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN. 2011 SERIES: 194(GEN), 197(21), 198(21), 203(56), 207(18), 215(97), 216(GEN), 234(16).
2. THE SUMMARY OF ALL NAVAREA XII WARNINGS IN FORCE AS OF 16 DEC 2010 IS GIVEN IN SEC III OF NM 52/10. WARNINGS ISSUED DURING THE SUBSEQUENT QUARTERS ARE SUMMARIZED IN NM 13/11 AND 26/11.
3. CANCEL NAVAREA XII 225/11.

(180834Z JUN 2011)

236/11 thru 246/11. CANCELED.

HYDROPACS

Messages in force 231230Z June 2011:

2008 series	332(74)	1537(GEN)	1663(97)	1748(95)	1796(94)
1345(92)	364(74)	1540(63)	1667(81)	1751(63)	1798(63)
2009 series	684(22)	1548(63)	1672(GEN)	1752(22)	1799(21)
2364(63)	720(62)	1552(73)	1680(91)	1753(71,93)	1802(22)
2010 series	772(74)	1561(56)	1684(GEN)	1755(94)	1803(63)
375(97)	1004(62)	1566(76)	1688(62)	1758(62)	1811(93)
917(62)	1023(63)	1567(61)	1689(16)	1760(21)	1813(95)
1594(63)	1032(93)	1572(63)	1701(63)	1763(94)	1814(95)
1668(62)	1125(93)	1574(63)	1702(63,71)	1764(96)	1815(95)
1808(22)	1135(93)	1585(94)	1703(94)	1766(63)	1817(63)
1922(71)	1203(74)	1586(97)	1705(81)	1768(22)	1820(97)
2192(94)	1263(63)	1595(GEN)	1706(GEN)	1769(22)	1821(19)
2462(93)	1279(22)	1596(62,63)	1725(97)	1770(GEN)	1823(97)
2653(62)	1350(61)	1608(94)	1726(63)	1774(22)	1824(96,97)
2895(62)	1403(63)	1613(63)	1729(97)	1777(93)	1825(71,72,74)
2938(81)	1414(62)	1619(63)	1740(61)	1783(22)	
2011 series	1482(76,83)	1623(94)	1744(95)	1784(22)	
74(73,74)	1503(76)	1637(94)	1745(95)	1789(76)	
130(62)	1508(74)	1654(71)	1746(95)	1792(81)	
201(62)	1532(74)	1661(71)	1747(95)	1795(63)	

The summary of all HYDROPACS in force as of 16 December 2010 is given in Section III of NM 52/10. Warnings issued during the subsequent quarters are issued in NM 13/11 and 26/11.

HYDROPAC WARNINGS issued from 161130Z to 231230Z June 2011.

1757/11. CANCELED.

1758/11(62).
PERSIAN GULF.
NGA CHART 62408 (7TH ED).
DANGEROUS WRECKS IN:
A. 25-17.37N 053-04.01E, LEAST DEPTH 19 METERS.
B. 25-19.90N 053-10.10E.

(161317Z JUN 2011)

1759/11. CANCELED.

1760/11(21).
EASTERN NORTH PACIFIC.
GUATEMALA.
DISTRESS SIGNAL RECEIVED ON 406 MHZ IN
12-46.2N 091-59.2W. VESSELS IN VICINITY
REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST
IF POSSIBLE. REPORTS TO RCC ALAMEDA,
TELEX: 230172343, PHONE: 510 437 3701,
E-MAIL: RCCALAMEDA@USCG.MIL.

(162359Z JUN 2011)

1761/11 and 1762/11. CANCELED.

1763/11(94).
TAIWAN STRAIT.
GUNNERY.
1. GUNNERY EXERCISES 2300Z TO 0430Z COMMENCING DAILY
19 JUN THRU 21 JUL AND 0530Z TO 0930Z DAILY
20 JUN THRU 22 JUL:
A. IN AREA BOUND BY
23-51N 118-54E, 23-34N 119-15E,
23-04N 118-23E, 23-08N 118-13E.
B. WITHIN 30 MILES OF 23-51N 118-54E.
2. CANCEL THIS MSG 221030Z JUL.

(170753Z JUN 2011)

1764/11(96).
SAKHALIN-NORTHEAST COAST.
1. PIPELAYING OPERATIONS IN PROGRESS UNTIL 15 OCT
IN AREA BOUND BY
52-27-52.09N 143-17-12.76E, 52-28-56.76N 143-17-16.13E,
52-28-31.61N 143-37-11.96E, 52-27-26.71N 143-37-07.69E.
2. CANCEL THIS MSG 16 OCT.

(170926Z JUN 2011)

1765/11. CANCELED.

1766/11(63).
INDIA-WEST COAST.
M/V PFS PROGRESS AGROUND IN 23-15N 068-32E.

(171732Z JUN 2011)

1767/11. CANCELED.

1768/11(22).
EASTERN SOUTH PACIFIC.
CHILE.
HAZARDOUS OPERATIONS.
1. HAZARDOUS OPERATIONS 1300Z TO 1800Z DAILY
22 AND 23 JUN IN AREA BETWEEN
19-45.0S 20-00.0S AND 070-14.5W 070-25.0W.
2. CANCEL THIS MSG 231900Z JUN.

(180421Z JUN 2011)

1769/11(22).
EASTERN SOUTH PACIFIC.
CHILE.
HAZARDOUS OPERATIONS.
1. HAZARDOUS OPERATIONS 1400Z TO 1800Z DAILY
23 THRU 25 JUN IN AREA BOUND BY
32-20.0S 071-58.0W, 32-37.0S 071-46.5W,
32-46.5S 072-07.0W, 32-29.5S 072-18.0W.
2. CANCEL HYDROPAC 1765/11(75), VESSEL LOCATED.
3. CANCEL THIS MSG 251900Z JUN.

(180507Z JUN 2011)

1770/11(GEN).
1. HYDROPAC WARNINGS IN FORCE 180800Z JUN 11. ONLY THOSE
WARNINGS ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.
2011 SERIES: 1403(63), 1414(62), 1482(76,83), 1503(76),
1508(74), 1532(74), 1537(GEN), 1540(63), 1548(63), 1552(73),
1558(63), 1559(63), 1561(56), 1566(76), 1567(61), 1572(63),
1574(63), 1585(94), 1586(97), 1595(GEN), 1596(62,63),
1608(94), 1613(63), 1619(63), 1623(94), 1637(94), 1654(71),
1661(71), 1663(97), 1667(81), 1672(GEN), 1680(91), 1682(63),
1684(GEN), 1688(62), 1689(16), 1693(63), 1701(63),
1702(63,71), 1703(94), 1705(81), 1706(GEN), 1710(97),
1725(97), 1726(63), 1729(97), 1735(95), 1737(93), 1740(61),
1742(81,91), 1743(95), 1744(95), 1745(95), 1746(95),
1747(95), 1748(95), 1749(63), 1751(63), 1752(22),
1753(71,93), 1755(94), 1756(93), 1758(62), 1759(83), 1760(21),
1763(94), 1764(96), 1766(63), 1767(97), 1768(22), 1769(22).
2. THE SUMMARY OF ALL HYDROLANT WARNINGS IN FORCE AS OF
16 DEC 2010 IS GIVEN IN SEC III OF NM 52/10.
WARNINGS ISSUED DURING THE SUBSEQUENT QUARTERS
ARE SUMMARIZED IN NM 13/11 AND 26/11.
3. CANCEL HYDROPAC 1127/11, 1440/11, 1590/11,
1614/11, 1668/11, 1683/11, 1704/11,
1707/11, 1708/11, 1709/11, 1716/11.

(180841Z JUN 2011)

1771/11 thru 1773/11. CANCELED.

1774/11(22).
EASTERN SOUTH PACIFIC.
CHILE.
RADIO SERVICES.
VALPARAISO PLAYA ANCHA RADIO HF DSC AND
MF SERVICE OFF AIR. TALCAHUANO RADIO
ASSUMES HF DSC CONTROL AND SAN ANTONIO
RADIO ASSUMES MF SERVICE CONTROL.

(190507Z JUN 2011)

1775/11 and 1776/11. CANCELED.

1777/11(93).
SOUTH CHINA SEA.
MAN OVERBOARD FROM F/V BTH 98543TS VICINITY
09-52N 108-16E AT 190910Z JUN. VESSELS IN
VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,
ASSIST IF POSSIBLE. REPORTS TO MRCC VUNGTAU.

(191332Z JUN 2011)

1778/11 thru 1782/11. CANCELED.

1783/11(22).
EASTERN SOUTH PACIFIC.
CHILE.
NGA CHART 22264 (3RD ED).
PUNTA DUPRAT LIGHT 33-01.6S 071-37.5W UNLIT.

(191748Z JUN 2011)

1784/11(22).
EASTERN SOUTH PACIFIC.
CHILE.
NGA CHART 22222 (1ST ED).
MOLO DE ABRIGO LIGHT 23-38.6S 070-24.6W UNLIT.

(191751Z JUN 2011)

1785/11 thru 1788/11. CANCELED.

1789/11(76).
NEW ZEALAND.
TASMAN BAY.
DRILLING OPERATIONS IN PROGRESS UNTIL FURTHER
NOTICE BY M/V ISLAND LEADER AND M/V SHOMAN
IN AREA BETWEEN
39-46S 39-55S AND 174-10E 174-23E.

(200625Z JUN 2011)

1790/11 and 1791/11. CANCELED.

1792/11(81).
NORTH PACIFIC.
GUAM.
DISTRESS SIGNAL RECEIVED ON 121.5 MHZ FROM
AIRCRAFT IN 13-35N 144-32E AT 200922Z.
VESSELS IN VICINITY REQUESTED TO KEEP A
SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO US COAST GUARD SECTOR GUAM,
PHONE: 671 355 4824, E-MAIL: RCCGUAM@USCG.MIL.

(201128Z JUN 2011)

1793/11 and 1794/11. CANCELED.

1795/11(63).
ARABIAN SEA.
PAKISTAN.
MISSILES.
1. HAZARDOUS OPERATIONS 1230Z TO 1700Z
DAILY 25 JUN THRU 10 JUL WITHIN
SIX MILES OF 25-11N 066-45E BETWEEN
220 DEGREES AND 310 DEGREES.
2. CANCEL THIS MSG 101800Z JUL.

(201230Z JUN 2011)

1796/11(94).
TAIWAN-EAST COAST.
GUNNERY.
1. GUNNERY EXERCISES 0200Z TO 1300Z DAILY
22, 29 JUN AND 06 JUL, ALTERNATE 0200Z TO 1300Z
DAILY 13, 20 AND 27 JUL, 0001Z TO 0400Z DAILY
23, 30 JUN AND 07 JUL, ALTERNATE 0001Z TO 0400Z
DAILY 14, 21 AND 28 JUL:
A. IN AREA BOUND BY
25-00.0N 122-15.0E, 25-00.0N 122-45.0E,
24-48.0N 122-45.0E, 24-48.0N 122-38.0E,
24-15.0N 122-38.0E, 24-15.0N 122-45.0E,
22-30.0N 122-45.0E, 22-10.0N 122-30.0E,
22-40.0N 121-40.0E.
B. WITHIN 45 MILES OF 23-34.6N 122-12.2E.
2. CANCEL THIS MSG 280500Z JUL.

(201311Z JUN 2011)

1797/11. CANCELED.

1798/11(63).
INDIA-EAST COAST.
HAZARDOUS OPERATIONS.
1. HAZARDOUS OPERATIONS 240530Z TO 240730Z JUN
WITHIN 11 MILES OF 13-07.17N 080-18.07E
BETWEEN 045 DEGREES AND 075 DEGREES.
2. CANCEL THIS MSG 240830Z JUN.

(201704Z JUN 2011)

1799/11(21).
EASTERN NORTH PACIFIC.
DISTRESS SIGNAL RECEIVED ON 406 MHZ
IN 15-47.5N 107-24.0W. 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.

(201746Z JUN 2011)

1800/11 and 1801/11. CANCELED.

1802/11(22).
EASTERN SOUTH PACIFIC.
CHILE.
NAVTEX.
1. NAVTEX STATIONS VALPARAISO AND ANTOFAGASTA OFF AIR.
BROADCASTS WILL BE TRANSMITTED FROM TALCAHUANO
RADIO.
2. CANCEL HYDROPAC 1801/11.

(210339Z JUN 2011)

1803/11(63).
INDIA-WEST COAST.
HAZARDOUS OPERATIONS.
1. HAZARDOUS OPERATIONS 280900Z TO 281200Z JUN
IN AREA BOUND BY
09-57.5N 075-59.5E, 09-57.7N 076-14.2E,
09-44.0N 076-17.5E, 09-42.5N 076-09.5E.
2. CANCEL HYDROPAC 1800/11(22).
3. CANCEL THIS MSG 281300Z JUN.

(211135Z JUN 2011)

1804/11 thru 1810/11. CANCELED.

1811/11(93).
SOUTH CHINA SEA.
MAN OVERBOARD FROM F/V BTH 98499 VICINITY
10-03N 108-10E AT 211800Z JUN. VESSELS IN
VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,
ASSIST IF POSSIBLE. REPORTS TO MRCC VUNGTAU,
PHONE: 8 464 385 0950, FAX: 8 464 381 0353.

(220529Z JUN 2011)

1812/11. CANCELED.

1813/11(95).
YELLOW SEA.
GUNNERY.
1. GUNNERY EXERCISES 0001Z TO 0800Z DAILY
27 JUN THRU 01 JUL IN AREA BETWEEN
36-05N 36-35N AND 124-50E 125-42E.
2. CANCEL THIS MSG 010900Z JUL.

(221222Z JUN 2011)

1814/11(95).
YELLOW SEA.
GUNNERY.
1. GUNNERY EXERCISES 0001Z TO 0800Z
DAILY 27 JUN THRU 01 JUL
IN AREA BETWEEN
34-50N 35-15N AND 124-50E 125-42E.
2. CANCEL THIS MSG 010900Z JUL.

(221228Z JUN 2011)

1815/11(95).
YELLOW SEA.
GUNNERY.
1. GUNNERY EXERCISES 2300Z TO 0800Z
COMMENCING DAILY 26 JUN THRU 02 JUL
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 030900Z JUL.

(221232Z JUN 2011)

1816/11. CANCELED.

1817/11(63).
INDIA-EAST COAST.
BAY OF BENGAL.
1. SEISMIC SURVEY IN PROGRESS UNTIL 28 JUN
BY M/V GEOWAVE CHAMPION TOWING TEN
8100 METER LONG CABLES IN AREA BOUND BY
14-53.47N 082-30.06E, 14-30.00N 082-30.02E,
14-43.00N 082-00.00E, 14-43.01N 082-00.00E,
14-43.00N 082-10.14E, 14-53.47N 082-25.58E.
SEVEN MILE BERTH REQUESTED.
2. CANCEL HYDROPAC 1559/11.
3. CANCEL THIS MSG 29 JUN.

(221344Z JUN 2011)

1818/11 and 1819/11. CANCELED.

1820/11(97).
WESTERN NORTH PACIFIC.
1. DERELICT M/V VENTURA, WHITE HULL,
ADRIFT VICINITY 34-42N 152-37E
AT 222050Z JUN.
2. CANCEL THIS MSG 260103Z JUN.

(230105Z JUN 2011)

1821/11(19).
NORTH PACIFIC.
DISTRESS SIGNAL RECEIVED IN 27-31N 171-27W
AT 222306Z JUN. VESSELS IN VICINITY
REQUESTED TO KEEP A SHARP LOOKOUT,
ASSIST IF POSSIBLE. REPORTS TO
JRCC HONOLULU, TELEX: 392401,
PHONE: 808 535 3333, FAX: 808 535 3338,
E-MAIL: JRCCHONOLULU@USCG.MIL.

(230125Z JUN 2011)

1822/11. CANCELED.

1823/11(97).
WESTERN NORTH PACIFIC.
MAN OVERBOARD FROM F/V MITSUMARU IN
26-58N 129-47E AT 100800Z JUN.
VESSELS IN VICINITY REQUESTED TO KEEP
A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO JAPAN COAST GUARD.

(230251Z JUN 2011)

1824/11(96,97).
NORTH PACIFIC.
1. CONTAINER ADRIFT IN 42-17N 152-28E
AT 230100Z JUN.
2. CANCEL THIS MSG 260410Z JUN.

(230407Z JUN 2011)

1825/11(71,72,74).
EASTERN INDIAN OCEAN.
VESSEL, 64 PERSONS ON BOARD, SINKING VICINITY
09-28.33S 106-56.58E. VESSELS IN VICINITY
REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO RCC AUSTRALIA, PHONE: 612 6230 6811,
FAX: 612 6230 6868, E-MAIL: RCCAUS@AMSA.GOV.AU.

(230742Z JUN 2011)

MARAD ADVISORIES

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

The text of all in-force MARAD ADVISORIES may be obtained by accessing the NGA Maritime Safety Web site (http://www.nga.mil/NGAPortal/MSI.portal), by referring to Section I (paragraph 50) of US Notice to Mariners 1/11 for those in-force as of 22 December 2010, 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 June 2011: 00-7, 05-1, 06-1, 07-1, 10-3, 10-6, 10-7, 10-10, 11-1 and 11-3.

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 1/11 for those in-force as of 22 December 2010.

SPECIAL WARNINGS in force 23 June 2011: 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 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.):

11488 27th Ed. May 2011 NEW EDITION NAD 83 (NOS Silver Spring, MD)
EAST COAST - FLORIDA - AMELIA ISLAND TO ST AUGUSTINE 1:80,000
(New edition due to numerous Notice to Mariner and hydrographic changes.)

11489 39th Ed. May 2011 NEW EDITION NAD 83 (NOS Silver Spring, MD)
EAST COAST - GEORGIA - FLORIDA - ST SIMONS SOUND TO TOLOMATO RIVER 1:40,000
(New edition due to numerous Notice to Mariner and hydrographic changes.)

13248 11th Ed. June 2011 NEW EDITION NAD 83 (NOS Silver Spring, MD)
EAST COAST - MASSACHUSETTS - CHATHAM HARBOR AND PLEASANT BAY 1:20,000
(New edition due to numerous Notice to Mariner, hydrographic and topographic changess.)

13303 13th Ed. June 2011 NEW EDITION NAD 83 (NOS Silver Spring, MD)
EAST COAST - MAINE - APPROACHES TO PENOBSCOT BAY 1:40,000
(New edition due to hydrographic and topographic changes.)

NGA CHART NEW EDITIONS AND THEIR AVAILABILITY

NGA recognizes two paper nautical chart products:
- the Enterprise Product on Demand-Maritime (ePOD-M) chart, and
- the traditional NGA paper chart distributed by the Defense Logistics Agency and, on behalf of NGA, by the National Ocean Service and official NOS chart agents.

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

Through a special arrangement between the National Ocean Service and NGA, all NOAA charts are also available in the ePOD-M format (large PDF print files) for government use. These files are updated every week for all Notice to Mariners (NGA, USCG, and Canadian Coast Guard). The websites for downloading NOAA charts are:

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

This week's new editions released by NGA are listed below. These NGA charts are now available for download in the

ePOD-M format (large PDF print file) at the following websites:
- NIPRNet: https://www.geointel.nga.mil/products/dnc/epods/index.htm
- SIPRNet: http://www.geoint.nga.smil.mil/products/dnc1/epods/index.htm

22351	3rd Ed. April 23, 2011 NEW EDITION ISLA QUINCHAO TO ISLAS DESERTORES (Correct through NM 17/11).	WGS-84	(NGA Bethesda, MD) 1:70,000 Limited Distribution
51641	6th Ed. June 11, 2011 NEW EDITION APPROACHES TO MONROVIA (Correct through NM 24/11).	WGS-84	(NGA Bethesda, MD) 1:120,000 Limited Distribution
81782	3rd Ed. April 9, 2011 NEW EDITION MAJURO ATOLL (Correct through NM 15/11).	WGS-84	(NGA Bethesda, MD) 1:35,000

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	
14040	14ACO14016	Can. 4010	29/04	
14041	14XHA14019	Can. 4011	29/04	
14042	14XHA14020	Can. 4396	1/05	
14043	14AHA14021	Can. 4116	8/05	42/08
14044	14AHA14022	Can. 4117	14/05	
14046	14BHA14023	Can. 4140	14/05	
14062	14XCO14025	Can. 4118	43/04	
14062	14XCO14026	Can. 4243	12/05	
14065	14BHA14027	Can. 4245	12/05	
14066	14XCO14026	Can. 4243	12/05	
14066	14XHA14028	Can. 4230	14/05	
14066	14XHA14029	Can. 4241	14/05	
14066	14XHA14030	Can. 4242	33/05	
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. 3858	41/08	
17438	17BHA17418	Can. 3960	43/08	
17438	17BHA17419	Can. 3959	41/08	
17438	17BHA17440	Can. 3956	12/10	
17441	17BHA17442	Can. 3927	12/07	
17441	17BHA17447	Can. 3746	25/07	

17444	17XHA17448	Can. 3955	32/08	
17445	17BHA17439	Can. 3957	12/10	
17464	17XHA17450	Can. 3924	12/10	
17465	**17XHA17451**	Can. 3742	41/08	
17480	17ACO17454	Can. 3744	12/10	
17485	17XHA17456	Can. 3936	44/09	
17486	**17XCO17458**	Can. 3727	13/09	
17489	17XHA17488	Can. 3598	12/10	
17495	17ACO17493	Can. 3605	6/07	
17513	17XHA17497	Can. 3539	8/05	1/08
17515	17XHA17496	Can. 3513	6/09	
17517	17XHA17498	Can. 3512	44/09	
17518	17BHA17499	Can. 3463	31/07	
17519	17BHA17500	Can. 3526	23/07	
17543	17ACO17501	Can. 3604	1/08	
17546	**17XCO17510**	Can. 3306	31/10	
17548	17BCO17511	Can. 3671	31/07	
17550	17ACO17514	Can. 3602	24/07	
18401	18BHA18404	Can. 3459	42/08	44/10
18405	18BHA18426	Can. 3493	25/07	
18406	18BHA18435	Can. 3481	23/07	
18407	18BHA18436	Can. 3494	12/07	
18408	18BHA18437	Can. 3495	42/08	
18413	18BHA18442	Can. 3442	31/07	
18414	18XHA18451	Can. 3478	31/07	
18415	18BHA18461	Can. 3441	24/07	
18416	18AHA18462	Can. 3440	24/07	
18418	18AHA18466	Can. 3419	24/07	
18420	18BHA18467	Can. 3479	12/07	16/08
18475	18XHA18472	Can. 3685	43/08	
35009	35ACO35002	UK 266	19/04	3/07
35009	35ACO35003	UK 268	19/04	3/07
35009	35ACO35004	UK 273	19/04	4/07
35009	35ACO35005	UK 278	23/04	4/07
35009	35ACO35006	UK 1191	24/04	8/06
35009	35ACO35010	UK 1192	28/04	12/06
35009	35ACO35013	UK 1409	23/04	49/04
35009	35ACO35014	UK 1407	23/04	33/09
35016	35ACO35015	UK 2635	26/06	10/08
35022	35ACO35017	UK 1128	16/08	32/08
35023	35ACO35018	UK 1129	37/07	
35031	35ACO35019	UK 1127	4/06	6/08
35032	35ACO35020	UK 1125	7/07	
35036	35ACO35024	UK1123	3/07	20/07
35040	35ACO35006	UK 1191	24/04	8/06
35060	35ACO35010	UK 1192	28/04	
35080	35ACO35014	UK 1407	23/04	33/09
35081	35BHA35035	UK 734	28/04	52/08
35082	35BHA35037	UK 735	31/04	52/08
35084	35BHA35045	UK 1481	32/04	12/06
35086	35BHA35048	UK 736	32/04	4/09
35088	35BHA35050	UK 190	28/04	12/06
35100	35ACO35013	UK 1409	23/04	49/04
35101	35BHA35052	UK 223	33/04	
35120	35ACO35055	UK 115	23/04	10/08
35130	35ACO35056	UK 1942	12/06	
35135	35ACO35057	UK 2249	27/07	39/10

35136	35ACO35058	UK 2250	27/07	39/10
35141	35ACO35059	UK 2162	21/07	33/09
35144	35XCO35062	UK 2584	27/07	49/08
35150	35ACO35063	UK 1119	27/07	
35155	35ACO35064	UK 1234	27/07	
35159	35ACO35065	UK 3271	30/07	39/10
35160	35ACO35066	UK 1233	27/07	
35163	35ACO35067	UK 3272	27/07	
35166	35ACO35068	UK 3283	27/07	39/10
35169	35ACO35071	UK 3281	29/07	39/10
35170	35ACO35072	UK 3282	30/07	
35200	35ACO35001	UK 1954	28/04	33/09
35205	35ACO35073	UK 2720	27/07	6/08
35210	35ACO35074	UK 1785	27/07	6/08
35220	35ACO35075	UK 2721	37/07	6/08
35230	35ACO35078	UK 1794	24/07	10/08
35236	**35AHA35079**	UK 2207	28/07	39/10
35237	**35AHA35089**	UK 2208	30/07	12/10
35239	**35AHA35090**	UK 2210	28/07	
35243	**35BHA35091**	UK 3146	37/07	6/08
35246	35ACO35092	UK 1795	21/07	13/10
35247	35AHA35093	UK 1796	28/07	39/10
35248	**35BHA35094**	UK 2209	38/07	
35250	35BHA35095	UK 2540	29/07	7/08
35255	**35AHA35096**	UK 2171	30/07	
35256	35AHA35097	UK 2390	24/07	
35260	35ACO35104	UK 2722	27/07	7/08
35265	35ACO35106	UK 1778	27/07	33/09
35270	**35AHA35109**	UK 2169	29/07	
35272	35ACO35110	UK 1770	12/07	
35277	35BHA35113	UK 2326	22/06	7/08
35278	35BHA35114	UK 2343	4/06	
35279	35BHA35115	UK 2397	29/06	
35295	35BHA35116	UK 2481	22/06	
35296	35BHA35117	UK 2396	25/06	
35298	35BHA35118	UK 2168	7/07	33/09
35299	35ACO35119	UK 2724	26/06	5/07
35300	35ACO35121	UK 2723	18/06	
35302	35ACO35123	UK 2798	46/05	
35307	35ACO35126	UK 2199	5/06	
35308	35ACO35127	UK 2198	25/06	
35310	35ACO35128	UK 2725	27/06	
35350	35ACO35131	UK 2173	12/07	
35380	35ACO35138	UK 2254	30/06	
35390	35ACO35139	UK 2423	22/06	
35400	35ACO35140	UK 2424	5/06	
35420	35ACO35147	UK 2049	18/06	
35421	35AHA35148	UK 1777	46/05	
35423	35AHA35149	UK 1773	46/05	
35424	35AHA35151	UK 1765	46/05	26/10
35011	35XCO35172	UK 219	8/08	33/09
36010	36ACO36000	UK 1121	26/06	
36015	36ACO36001	UK 2649	47/05	
36040	36ACO36002	UK 1410	47/05	
36060	36ACO36006	UK 1141	12/07	
36061	**36BHA36007**	UK 1468	20/07	
36062	**36BHA36008**	UK 1415	4/06	

36063	36BHA36009	UK 1447	12/07	
36081	36BHA36011	UK 1753	7/07	
36098	36AHA36012	UK 2221	47/05	
36103	36BHA36014	UK 2126	9/07	
36104	36BHA36016	UK 2220	6/07	
36106	36BHA36017	UK 2131	47/05	
36108	36BHA36018	UK 2000	4/06	
36110	36BHA36019	UK 2007	8/06	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	18/11
36127	36BHA36030	UK 3746	32/06	
36128	36BHA36030	UK 3746	32/06	
36137	36AHA36032	UK 1478	39/04	
36138	36AHA36033	UK 3275	39/04	9/05
36139	36BHA36034	UK 3274	39/04	33/09
36140	36ACO36035	UK 1178	39/04	33/09
36141	36BHA36036	UK 2878	41/04	9/05
36161	36BHA36039	UK 1152	52/04	
36162	36BHA36041	UK 1182	1/05	
36163	36BHA36042	UK 1176	1/05	
36165	36BHA36044	UK 1165	17/05	52/06
36180	36ACO36049	UK 2565	27/05	33/09
37043	37AHA37003	UK 1267	15/06	
37044	37AHA37004	UK 30	25/05	39/10
37045	37AHA37006	UK 1901	25/05	20/07
37046	37AHA37007	UK 1613	34/05	18/06
37047	37XHA37008	UK 1902	25/05	27/08
37060	36ACO36050	UK 442	25/05	
37075	37ACO37015	UK 2454	25/08	
37079	37AHA37016	UK 2625	32/05	39/10
37081	37AHA37017	UK 2045	32/05	4/06
37083	37AHA37019	UK 2037	25/05	39/10
37084	37AHA37020	UK 2036	5/06	38/08
37086	37AHA37021	UK 2631	31/05	18/11
37119	37AHA37027	UK 1698	8/06	
37122	37AHA37028	UK 1828	19/05	6/10
37141	37AHA37040	UK 1607	9/05	22/09
37145	37AHA37051	UK 1185	37/04	52/08
37147	37BHA37052	UK 1975	36/04	7/08
37150	37ACO37055	UK 1504	37/04	17/05
37170	37ACO37057	UK 1503	38/04	8/08
37175	37ACO37058	UK 1187	38/04	8/08
37180	37ACO37059	UK 1190	38/04	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
75144	75BHA75146	Aus. 344	47/05	
75170	75ACO75166	Aus. 788	14/06	
75170	75ACO75167	Aus. 789	14/06	
75170	75ACO75168	Aus. 790	17/06	
75171	75AHA75164	Aus. 144	44/10	
75171	75AHA75165	Aus. 143	21/06	20/08
75171	75AHA75174	Aus. 158	18/06	
75173	75AHA75174	Aus. 158	18/06	

75175	75AHA75178	Aus. 154	18/06	25/08
75261	75AHA75274	Aus. 808	11/07	
75264	75AHA75269	Aus. 201	12/07	
75264	75AHA75267	Aus. 202	48/06	
75265	75AHA75266	Aus. 197	17/07	
95276	95BHA95284	Jpn. W1193	46/10	
95282	95BHA95288	Jpn. W1167	10/11	
96942	96BHA96931	Jpn. W5	21/11	
96961	96BHA96951	Jpn. W1033A	46/10	
97041	97BHA97044	Jpn. W65	21/11	
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	
97155	97AHA97172	Jpn. W1065	21/11	
97204	97AHA97191	Jpn. W131	11/11	
97221	97AHA97198	Jpn. W106	11/11	
97233	97BHA97252	Jpn. W153	12/11	
97241	97BHA97259	Jpn. W1124	21/11	
97261	97BHA97293	Jpn. W141	12/11	
97262	97BHA97294	Jpn. W104	12/11	
97274	97AHA97308	Jpn. W127	9/11	
97285	97AHA97319	Jpn. W1262	11/11	
97286	97AHA97321	Jpn. W1263	11/11	
97287	97AHA97322	Jpn. W1264	11/11	

MARINE INFORMATION REPORT AND SUGGESTION SHEET INSTRUCTIONS

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

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

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

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

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

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

MARINE INFORMATION REPORT AND SUGGESTION SHEET

Observer _____ Ship/Organization _____

Address _____

_____

Email address _____

Date of Observation _____ Time of Observation (Local) _____

Latitude _____ Longitude _____ Datum _____

Navigation System _____ Verified by Navigator: Yes _____ No _____

Product(s) Affected _____ Edition _____

Latest correction applied: N.M. _____

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

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

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User Feedback (continue on additional sheets as necessary)

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HYDROARC REPORT SHEET

Observer _____

Ship/Organization _____

Phone _____ Email Address_____

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

_____

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_____

_____

_____

Is hazard remotely monitored? Yes_____ No_____

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

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

Date of Insertion_____ Latitude _____ Longitude_____

Date of Expected Removal _____

Most Recent Observation: Date _____ Time (Local) _____

Latitude _____ Longitude _____ Datum _____

Navigation System _____ Verified by Navigator: Yes _____ No_____

Sounding sensor or method used _____

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

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

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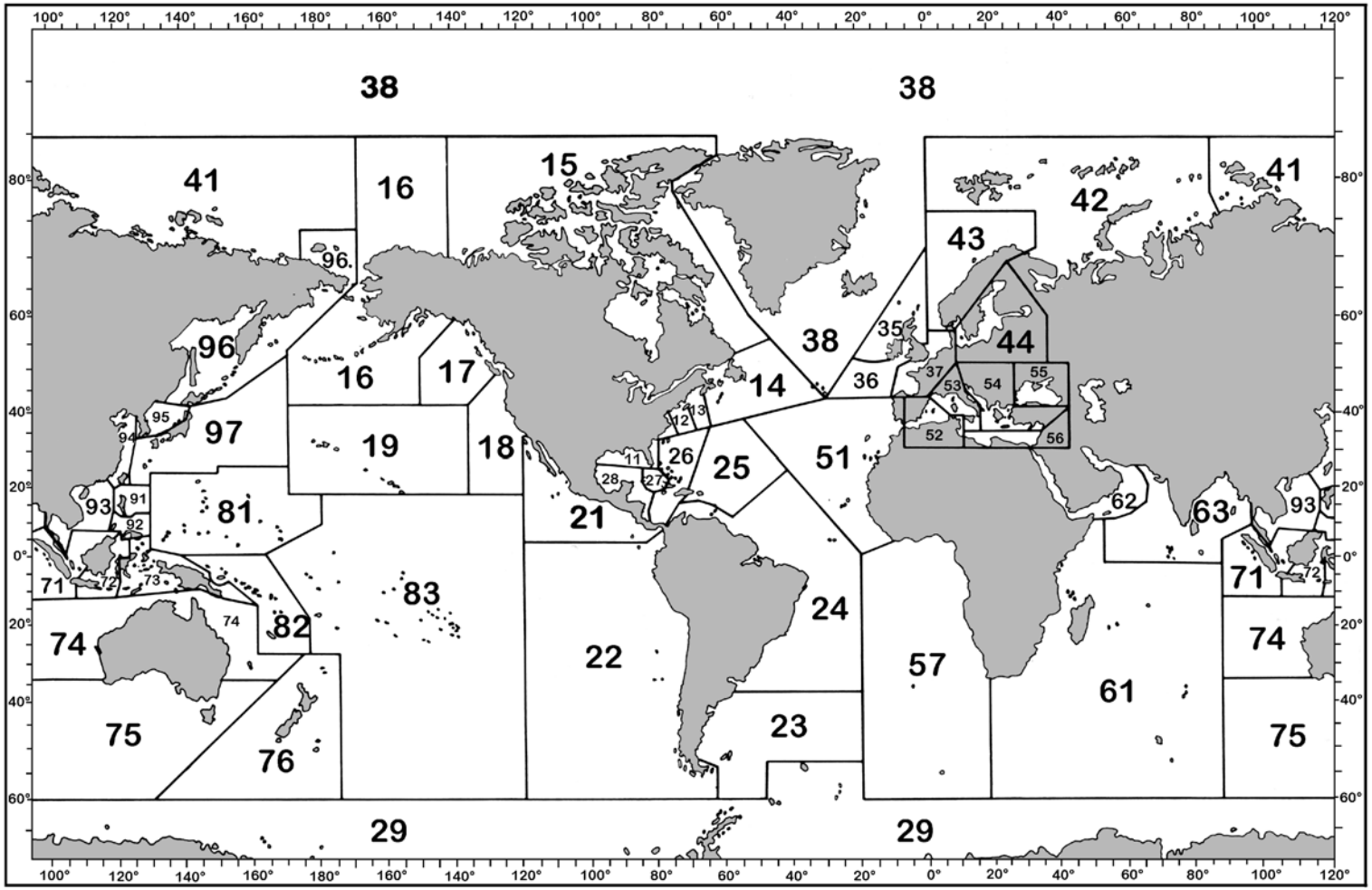

GEOGRAPHIC LOCATOR

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

IMPORTANT

NAVIGATIONAL INFORMATION

TIME—DATED

NOTICE TO MARINERS

PLEASE EXPEDITE DELIVERY